Research Publications

#	Name of the Department	Name of Author/s	Title of paper	Name of Journal	Year
1	Chemistry	A. AGARWAL1, , M. SEN2, and M. KANT	Effective Bioremediation of Zinc(II) with Fusarium sp. in Batch and Continuous Studies	Asian Journal of Chemistry	2022
2	Mathematics	Olcay Akman, Sudipa Chauhan , Aditi Ghosh , Sara Liesman, Edwin Michael, Anuj Mubayi , Rebecca Perlin , Padmanabhan Seshaiyer, Jai Prakash Tripathi	The Hard Lessons and Shifting Modeling Trends of COVID-19 Dynamics: Multiresolution Modeling Approach	Bulletin of Mathematical Biology	2022
3	Mathematics	Olcay Akman, Sudipa Chauhan , Aditi Ghosh , Sara Liesman, Edwin Michael, Anuj Mubayi , Rebecca Perlin , Padmanabhan Seshaiyer, Jai Prakash Tripathi	The Hard Lessons and Shifting Modeling Trends of COVID-19 Dynamics: Multiresolution Modeling Approach	Bulletin of Mathematical Biology	2022
4	Mathematics	Payal Rana, Dinkar Jha, Sudipa Chauhan	Dynamical Analysis on Two Dose Vaccines in the Presence of Media	JORNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS	2022
5	Physics	Depanshu Varshney, Anu, Jai Prakash, Vinay Pratap Singh, Kamlesh Yadav and Gautam Singh	Probing the impact of bismuth-titanate based nanocomposite on the dielectric and electro-optical features of a nematic liquid crystal material	Journal of Molecular Liquids	2022
6	Physics	Ajay Kumar, Priyam, Harikesh Meena, Jai Prakash, Ling Wang and Gautam Singh	Recent advances on semiconducting nanomaterials–ferroelectric liquid crystals nanocomposites	Journal of Physics: Condensed Matter	2022
7	Physics	Ajay Kumar, Dharmendra Pratap Singh and Gautam Singh	Recent progress and future perspectives on carbon-nanomaterial-dispersed liquid crystal composites	Journal of Physics D: Applied Physics	2022
8	Chemistry	Prateek Rai, Deepshikha Gupta	Magnetic nanoparticles as green catalysts in organic synthesis-a review	Synthetic communications	2021
9	Chemistry	Suresh Sagadevan, Jayasingh Anita Lett, Getu Kassegn Weldegebrieal, Seema Garg, Won-Chun Oh, Nor Aliya Hamizi and Mohd Rafie Johan	Enhanced Photocatalytic Activity of rGO-CuO Nanocomposites for the Degradation of Organic Pollutants	Catalysts	2021

10	Chemistry	Harshita Chawla, Meghna Saha, Sumant Upadhyay, Jyoti Rohillac, Pravin Popinand Ingole, Andras Sapi, Imre Szenti, Mohit Yadav ,Vasily T. Lebedev,Amrish Chandra ,Seema Garga*	Enhanced photocatalytic activity and easy recovery of visible light active MoSe2/BiVO4 heterojunction immobilized on Luffa Cylindrica-Experimental and DFT study	Environmental Science:Nano	2021
11	Chemistry	Sachchidanand Soaham Gupta, Vivek Mishra, Maumita Das Mukherjee, Parveen Saini, Kumar Rakesh Ranjan	Amino acid derived biopolymers: Recent advances and biomedical applications	International Journal of Biological Macromolecules	2021
12	Chemistry	Gupta, S.S., Mishra, V., Mukherjee, M.D., Saini, P., Ranjan, K.R.	Amino acid derived biopolymers: Recent advances and biomedical applications	International Journal of Biological Macromolecules	2021
13	Chemistry	Manpreet Kaur , Prashant Kumar , Anita Gupta , Veeranna Yempally , Harminder Kaur	Sn coated Fe3O4 nanoparticles for selective and efficient oxidation of anthracene to anthraquinone	Materials Letters	2021
14	Chemistry	Christine Jeyaseelan, Antil Jain, Ravin Jugade	A GREEN METHOD FOR THE REMOVAL OF ZINC(II) IONS FROM WASTEWATER USING MODIFIED BIOPOLYMERS	Progress on Chemistry and Application of Chitin and its Derivatives	2021
15	Chemistry	Deepshikha Gupta, Prateek Rai	Magnetic nanoparticles as green catalysts in organic synthesis-a review	Synthetic Communications	2021
16	Chemistry	Deepshikha Gupta, Vabhika Rishi, Tejendra K Gupta	Synthesis of MFe_2O_4 (M: Cu, Mn, Co, Ni) magnetic nanoparticles and their efficient catalytic role in nitrophenol reduction	Materials Research Innovations	2021
17	Chemistry	Ankita Thakuria, Bharti Kataria & Deepshikha Gupta	Nanoparticle-based methodologies for targeted drug delivery—an insight Journal of Nanoparticle Research	Journal of Nanoparticle Research	2021
18	Chemistry	Kumari V., Aditi Sangal and Mehta, R.	Kinetic Release Study of Arjuna Terminalia filled Poly Lactic-co-Glycolic Acid (PLGA) Nanoparticles	Trends in Biomaterials & Artificial Organs	2021
19	Chemistry	Damini Verma, Deepika Chauhan, Maumita Das Mukherjee, Kumar Rakesh Ranjan, Amit K. Yadav, Pratima R. Solanki	Development of MWCNT decorated with green synthesized AgNps-based electrochemical sensor for highly sensitive detection of BPA	Journal of Applied Electrochemistry	2021
20	Chemistry	Damini Verma , Amit K. Yadav, Maumita Das Mukherjee, Pratima R. Solanki	Fabrication of a sensitive electrochemical sensor platform using reduced graphene oxide-molybdenum trioxide nanocomposite for BPA detection: An endocrine disruptor	Journal of Environmental Chemical Engineering	2021

21	Chemistry	Monika Mishra, Avanish Pratap Singh, Manish Kumar, Tejendra Kumar Gupta, Hema Bhandari, Mahesh Chand	Investigation of the microwave absorbing properties on polymer sheets	Journal of Materials Science: Materials in Electronics	2021
22	Chemistry	M.S.Goyat, Amrita Hooda, Tejendra K.Gupta, Kaushal Kumar, Sudipta Halder, P.K.Ghosh, Brijnandan S.Dehiya	Role of non-functionalized oxide nanoparticles on mechanical properties and toughening mechanisms of epoxy nanocomposites	Ceramics International	2021
23	Chemistry	Zsejke-Réka Tóth, Saurav Kumar Maity, Tamás Gyulavári, Eniko˝ Bárdos, Lucian Baia, Gábor Kovács, Seema Garg, Zsolt Pap ,* and Klara Hernadi	Solvothermal Crystallization of Ag/AgxO-AgCl Composites: Effect of Different Chloride Sources/Shape-Tailoring Agents	Catalysts	2021
24	Chemistry	HarshitaChawla, AmrishChandra, Pravin Popinand Ingole, SeemaGarg	Recent advancements in enhancement of photocatalytic activity using bismuth-based metal oxides Bi2MO6 (M= W, Mo, Cr) for environmental remediation and clean energy production	Journal of Industrial and Engineering Chemistry	2021
25	Chemistry	Himanshi Tyagi, Harshita Chawla, Hema Bhandari, Seema Garg	Recent-enhancements in visible-light photocatalytic degradation of organochlorines pesticides: A review	Material today Proceedings	2021
26	Chemistry	András Sápi, Suresh Mutyala, Seema Garg, Mohit Yadav, Juan F. Gómez-Pérez, Fanni Czirok, Zita Sándor, Klara Hernadi, Ferenc Farkas, Sebastijan Kovačič, Ákos Kukovecz & Zoltán Kónya	Size controlled Pt over mesoporous NiO nanocomposite catalysts: thermal catalysis vs. photocatalysis	Journal of Porous Material	2021
27	Chemistry	Brijesh Kumar Shukla, Himanshi Tyagi, Hema Bhandari, Seema Garg	Nanotechnology-Based Approach to Combat Pandemic COVID 19: A Review	Macromolecular Symposia	2021
28	Chemistry	Hema Bhandari, Seema Garg, Ritu Gaba	Advanced Nanocomposites for Removal of Heavy Metals from Wastewater	Macromolecular Symposia	2021
29	Chemistry	S.B.DhanalekshmiaR.PriyaaK.Tamizh SelvibK.Alamelu MangaibGetu KassegnWeldegebriealcSeemaGargdSureshSagadevane	Microwave-assisted synthesis, characterization and photocatalytic activity of mercury vanadate nanoparticles	Inorganic Chemistry Communications	2021

30	Chemistry	NikitaSharmaabZsoltPapacdIstvánSzékelyceMonicaFocsancGáborKaracsfZoltanNemethbSeemaGarggKlaraHernadi	Combination of iodine-deficient BiOI phases in the presence of CNT to enhance photocatalytic activity towards phenol decomposition under visible light	Applied Surface Science	2021
31	Chemistry	Shubhangi Madan, Urvashi Thapa, Sangeeta Tiwari, Sandeep Kumar Tiwari, Suresh Kumar Jakka, Manuel Jorge Soares	Designing of a nanoscale zerovalent iron@ fly ash composite as efficient and sustainable adsorbents for hexavalent chromium (Cr (VI)) from water	Environmental Science and Pollution Research	2021
32	Chemistry	Nisar, S., Pandit, A.H., Nadeem, M., ...Rizvi, M.M.A., Rattan, S	γ-Radiation induced L-glutamic acid grafted highly porous, pH-responsive chitosan hydrogel beads: A smart and biocompatible vehicle for controlled anti-cancer drug delivery	Journal of Biological Macromolecules	2021
33	Chemistry	Mehra, S., Nisar, S., Chauhan, S., ...Singh, V., Rattan, S	A dual stimuli responsive natural polymer based superabsorbent hydrogel engineered through a novel cross-linker	Polymer Chemistry	2021
34	Chemistry	Khurana, N., Arora, P., Pente, A.S., ...Kaushik, C.P., Rattan, S.	Surface modification of zinc oxide nanoparticles by vinyltriethoxy silane (VTES)	Inorganic Chemistry Communications	2021
35	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	A short review on synthetic strategies toward glitazone drugs	Synthetic Communications	2021
36	Chemistry	Manoj Kumar, Sushil K Pandey and Deepshikha Gupta	A convenient cascade strategy towards the synthesis of novel substituted morpholinopyrimidines and pyrimidooxazapines	Letters in Organic Chemistry	2021
37	Mathematics	Hemant Gandhi, Amit Tomar, DImple Singh	Conservation laws and exact series solution of fractional-order Hirota–Satsuma-coupled Korteveg–de Vries system by symmetry analysis	Mathematical Methods in Applied Sciences	2021
38	Mathematics	Mahesh Kumar Jayaswal Mandeep Mittal Isha Sangal	Effect of Credit Financing on the Learning Model of Perishable Items in the Preserving Environment	Decision Making in Inventory Management: Book	2021
39	Mathematics	Rita Yadav Mandeep Mittal Navneet Kumar Lamba Mahesh Kumar Jayaswal	A Stackelberg Game Approach in Supply Chain for Imperfect Quality Items with Learning Effect in Fuzzy Environment	Soft Computing in Inventory Management: Book	2021
40	Mathematics	Ritu Gupta, Divya Agarwal	Cost analysis of N-policy vacation machine repair problem with optional repair	IJMOR	2021
41	Mathematics	Saniya Batra, Prakriti Rai	A Class of Laguerre-Based Generalized Humbert Polynomials	International Journal of Differential Equations	2021
42	Mathematics	Divya Agarwal, Radhika Agarwal, Aditi Sharma	A Review on Queuing Systems with Working Breakdown	Global Journal of Modeling and Intelligent Computing (GJMIC)	2021

43	Mathematics	Kuldeep Chaudhary, Pradeep Kumar, Sudipa Chauhan, Vijay Kumar	Optimal promotional policy of an innovation diffusion model incorporating the brand image in a segment-specific market	Journal of Management Analytics	2021
44	Mathematics	Kuldeep Chaudhary, Pradeep Kumar, Sudipa Chauhan, Vijay Kumar	Optimal promotional policy of an innovation diffusion model incorporating the brand image in a segment-specific market	Journal of Management Analytics	2021
45	Mathematics	Dr. Shashank Goel & Tripti Mittal	On Near Exact G-Banach Frames	Poincare Journal of Analysis and Applications	2021
46	Mathematics	Preeti Gupta, Sunil Hans, and Abdullah Mir	Bounds for the derivative of a certain class of rational functions	Note di Matematica	2021
47	Mathematics	Sunil Hans and Q. M. Tariq	Some L p inequalities for entire functions of exponential typ	Complex Variables and Elliptic Equations	2021
48	Mathematics	Mamta Barik, Chetan Swarup, Teekam Singh, Sonali Habbi, Sudipa Chauhan	Dynamical analysis, Optimal control and Spatial Pattern in an Influenza model with adaptive immunity in two stratified population	AIMS Mathematics	2021
49	Mathematics	Payal Rana, Kuldeep Chaudhary, Sudipa Chauhan	DYNAMICAL ANALYSIS AND OPTIMAL CONTROL PROBLEM OF IMPACT OF VACCINE AWARENESS PROGRAMS ON EPIDEMIC SYSTEM	Communication in Mathematical Biology and neuroscience	2021
50	Mathematics	Leena Kathuria, Shashank Goel and Nikhil Khanna	Fourier–Boas-Like Wavelets and Their Vanishing Moments	Journal of Mathematics	2021
51	Mathematics	Kuldeep Chaudhary (Corresponding and first author), Shivani Bali, Sunita Mehta (Sharma)	Optimal Promotional Effort Policy for Innovation Diffusion Model in a Fuzzy Environment	Journal of Information Technology Management, 2021, 13(1), pp. 142–161	2021
52	Mathematics	P. N. Agrawal, Neha Bhardwaj, Praveen Bawa	Bezier variant of modified α-Bernstein operators	Rendiconti del Circolo Matematico di Palermo Series	2021
53	Mathematics	P.N. Agrawal, Neha Bhardwaj, Jitendra Kumar Singh	Approximation degree of bivariate Kantorovich Stancu operators	Journal of non linear science and applications	2021
54	Mathematics	Mamta Barik, Sudipa Chauhan(corresponding), Sumit Kaur Bhatia, Om Prakash Misra	Understanding Role of CTL cells and antibodies on a delayed HIV mathematical model: A Dynamical Analysis	Nonlinear Studies,	2021
55	Mathematics	Vandana Kumari, Sudipa Chauhan(corresponding), Joydip Dhar	Dynamics of Pest Population: Effect of diseased pest and pesticide	Nonlinear Studies,	2021
56	Mathematics	Pankaj Gulati, Sudipa Chauhan(corresponding), Anuj Mubayi, Teekam Singh, Payal Rana	Dynamical Analysis, Optimum Control and Pattern formation in the biological pest (EFSB) control model	Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Non-equilibrium and Complex Phenomena	2021

57	Mathematics	Agarwal Ritu, Chandola, Ankita, Pandey R.M. and Nisar K.S	m-parameter Mittag–Leffler function, its various properties, and relation with fractional calculus operators.	Mathematical Methods in the Applied Sciences, 44(7):5365–5384	2021
58	Mathematics	Mandeep Mittal*, Mehak Sharma	Economic Ordering Policies for Growing Items (Poultry) with Trade-Credit Financing	International Journal of Applied and Computational Mathematics, Springer	2021
59	Mathematics	Chandola Ankita, Pandey R. M., and Agarwal Ritu	Bessel-maitland function of several variables and its properties related to integral transforms and fractional calculus.	Applications and Applied Mathematics: An International Journal, Volume 16, Issue 1, Article 23.	2021
60	Mathematics	Ritu Gupta, Madhu Jain	Reliability of N-version programming software with testing effort	IJRS (International Journal of Reliability and Safety)	2021
61	Mathematics	Madhu Jain; Anuradha Jain;Ritu Gupta	Availability Analysis of Repairable Software and Hardware System with Spares	Global Journal of Modeling and Intelligent Computing (GJMIC)	2021
62	Mathematics	DINESH T., S. HANS, BABITA TYAGI	ON THE DERIVATIVE OF A RATIONAL POLYNOMIAL WITH PRE SCRIBED POLES	Journal of Mathematical Inequalities	2021
63	Mathematics	Taruna,, Arora, H.D., Kumar, V.	Study of fuzzy distance measure and its application to medical diagnosis	Informatica (Slovenia)	2021
64	Mathematics	Taruna,, Arora, H.D., Tiwari, P.	A new parametric generalized exponential entropy measure on intuitionistic vague sets	International Journal of Information Technology	2021
65	Mathematics	Malik, G., Upadhyaya, S. and Sharma, R.	Particle swarm optimization and maximum entropy results for MX/G/1 retrial G-queue with delayed repair	International Journal of Mathematical, Engineering and Management Sciences (IJMEMS)	2021
66	Mathematics	Malik, G., Upadhyaya, S. and Sharma, R.	Cost Inspection of a Geo/G/1 retrial model using Particle Swarm Optimization and Genetic Algorithm	Ain Shams Engineering Journal (Elsevier	2021
67	Mathematics	Mandeep Mittal*, Mehak Sharma	Economic Ordering Policies for Growing Items (Poultry) with Trade-Credit Financing	International Journal of Applied and Computational Mathematics	2021
68	Mathematics	Surbhi Gupta , Neelam Sharma	Performance Evaluation of Fiber Optic communication using Boolean Function Approach	Turkish Journal of Computer and mathematical Education	2021
69	Mathematics	Gupta, Aakanshi, Bharti Suri, Vijay Kumar, and Pragyashree Jain	Extracting rules for vulnerabilities detection with static metrics using machine learning	International Journal of System Assurance Engineering and Management	2021
70	Mathematics	Vijay Kumar, Palak Saxena, Harish Garg	Selection of optimal software reliability growth models using an integrated entropy–Technique for Order Preference by Similarity to an Ideal Solution (TOPSIS) approach	Mathematical Methods in the Applied Sciences	2021

71	Mathematics	Kaur, Jasmine, Adarsh Anand, Ompal Singh, and Vijay Kumar.	Measuring Software Reliability under the Influence of an Infected Patch	Yugoslav Journal of Operations Research	2021
72	Physics	G. N . Pandey	Omnidirectional Reflectance of Superconductor-Dielectric Photonic Crystal in THz Frequency Range	Journal of Superconductivity and Novel Magnetism	2021
73	Physics	Yasmeen Jafri, Surendra Singh, Surbhi Gupta, Yasuhiro Fukuma, Kavita Sharma, Mukul Gupta, V. R. Reddy, Gagan Sharma, Ajay Gupta	Investigation of structural, magnetic and electronic properties of FeTa films for varying Ta concentration at different annealing temperatures	Journal of Magnetism and Magnetic Materials	2021
74	Physics	U C Srivastava and Shyamendra Pratap Singh	LATTICE DYNAMICAL STUDY OF TITANIUM (TI) BY USING CGW-VTBFS MODEL	International Journal of Advanced Research	2021
75	Physics	Lalit Kumar Sharma, Manoranjan Kar, Ravi Kant Choubey, Samrat Mukherjee	Low field magnetic interactions in the transition metals doped CuS quantum dots	Chemical Physics Letters	2021
76	Physics	Verjesh Kumar Magotra, T.W. Kang, Abu Talha Aqueel Ahmed, Akbar I. Inamdar, Hyunsik Im, Gajanan Ghodake, Ravi Kant Choubey, Vijay Kumar, Sunil Kumar	Effect of gold nanoparticles laced anode on the bio-electro-catalytic activity and power generation ability of compost based microbial fuel cell as a coin cell sized device	Biomass and Bioenergy	2021
77	Physics	Sunil Kumar , Kavita, HS Bhatti, Karamjit Singh, Saurabh Gupta , Swati Sharma, Vijay Kumar and Ravi Kant Choubey	Effect of glutathione capping on the antibacterial activity of tin doped ZnO nanoparticles	Physica Scripta	2021
78	Physics	Arun Kumar, Manjeet Kumar, Vishwa Bhatt, Samrat Mukherjee, Sunil Kumar, Himanshu Sharma, M.K. Yadav, Stuti Tomar, Ju-Hyung Yun, Ravi Kant Choubey	Highly responsive and low-cost ultraviolet sensor based on ZnS/p-Si heterojunction grown by chemical bath deposition	Sensors and Actuators A: Physical	2021
79	Physics	Ajay Kumar, Priyam Kwatra, Harikesh Meena, Jai Prakash, Ling Wang and Gautam Singh	Recent advances on semiconducting nanomaterials-ferroelectric liquid crystals nanocomposites	Journal of Physics: Condensed Matter	2021
80	Physics	Jyoti Kapil, Pramila Shukla & Ashish Pathak	A first-principles study of Ru2VGe full-Heusler alloy—pseudopotential approach	EPJP	2021
81	Physics	Dr. Shivani A Kumar	Quantum teleportation of a tripartite entangled coherent state	Modern Physics Letters A	2021

82	Physics	Shyamendra Pratap Singh and U. C. Srivasta va	Lattice Dynamical Study and Elastic Property of Europium Telluride (EuTe) Crystal	ORIENTAL JOURNAL OF CHEMISTRY	2021
83	Physics	Daniele Eugenio Lucchetta, Andrea Di Donato, Gautam Singh, Alessia Tombesi and Riccardo Castagna	Optical tunable diffraction efficiency by photo-mobile holographic composite polymer material	Optical Materials	2021
84	Physics	Dr. Shivani	Subdivision of Measurement Results of Entanglement Swapping	Nonlinear Optics Quantum Optics	2021
85	Physics	Daniele Eugenio Lucchetta, Riccardo Castagna, Gautam Singh, Cristiano Riminesi and Andrea Di Donato	Spectral, morphological and dynamical analysis of a holographic grating recorded in a photo-mobile composite polymer mixture	Nanomaterials	2021
86	Physics	Sunil Kumar, Shalini Taneja, Shelza Banyal, Manju Singhal, Vijay Kumar, Sanjay Sahare, Shern-Long Lee and Ravi Kant Choubey	Bio-synthesised Silver nanoparticles conjugated L-Cysteine ceiled Mn:ZnS quantum dots for eco-friendly biosensor and antimicrobial applications	Journal of Electronic Materials	2021
87	Physics	Sunil Kumar, Rajni Seth, Sanjay Panwar, Kapil Kumar Goyal, Vijay Kumar and Ravi Kant Choubey	Morphological and optical studies of ZnO-Silica nanocomposite thin films synthesized by time dependent chemical bath deposition	Journal of Electronic Materials	2021
88	Physics	Stuti Tomar, Suhaas Gupta, Samrat Mukherjee, Arun Singh, Sunil Kumar, Vijay Kumar and Ravi Kant Choubey	Optical properties of Silica capped Mn doped ZnS quantum dots	Physica Scripta	2021
89	Physics	Neeraj Sharma, Stuti Tomar, Mohd. Shkir, Ravi Kant Choubey and Arun Singh	Study of Optical and Electrical properties of Graphene oxide	Materials Today Proceddings	2021
90	Physics	Arun Kumar, Manjeet Kumar, Vishwa Bhatt, Deasung Kim, Samrat Mukherjee, Ju-Hyung Yun and Ravi Kant Choubey	ZnS microspheres-based photoconductor for UV light-sensing applications	Chemical Physics Letters	2021
91	Physics	Vijay Kumar, Dev Raj, S K Chakarvarti, Ravi Kant Choubey and Sunil Kumar	Solvothermal growth of ultrathin nonporous nickel oxide nanosheets for ethanol sensing	Journal of Materials Science: Materials in Electronics	2021
92	Physics	Arun Kumar, Samrat Mukherjee, Sanjay Sahare, Ravi Kant Choubey	Influence of deposition time on the properties of ZnS/p-Si heterostructures	Materials Science in Semiconductor Processing	2021

93	Physics	A Mehra, S Chauhan, VK Jain, S Nagpal	Nanoparticles of Punicalagin Synthesized from Pomegranate (Punica Granatum L.) with Enhanced Efficacy Against Human Hepatic Carcinoma Cells	Journal of Cluster Science	2021
94	Physics	Saloni Mehra, Safiya Nisar, Sonal Chauhan, Gurmeet Singh, Virender Singh, Sunita Rattan	A dual stimuli responsive natural polymer based superabsorbent hydrogel engineered through a novel cross-linker	Polymer Chemistry	2021
95	Physics	Shivani A. Kumar, Shefali Kanwar, Pramila Shukla	Quantum Swapping of Entangled Coherent States	Annals of the Romanian Society for Cell Biology	2021
96	Physics	Shefali Kanwar, Pramila Shukla, Shivani A Kumar	Bio-Medical Applications of different radionuclides	Annals of the Romanian Society for Cell Biology	2021
97	Physics	T Yadav, G. Brahmachari, I. Karmakar, P. Yadav, A. Agarwal, V. Mukherjee, B. P. Bag, , S. Srivastav, A. Vats, A. K. Prasad, G. N. Pandey, A. Pathak, N. K. Dubey	Structural confirmation of biorelevant molecule N-iso-butyl, S-2-nitro-1-phenylethyl dithiocarbamate in gas phase and effect of fluorination	Chemical Physics Letters	2021
98	Physics	T. Yadav, G. Brahmachari, I. Karmakar; P. Yadav; A. K. Prasad, A. Pathak, A. Agarwal, V. Mukherjee, G. N. Pandey, R.R.F. Bento, N. P. Yadav	Conformational and vibrational spectroscopic investigation of N-n-butyl, S-2-nitro-1-(p-tolyl)ethyl dithiocarbamate – a bio-relevant sulfur molecule	Journal of Molecular Structure	2021
99	Physics	Anil Kumar Shukla and Girijesh Narayan Pandey	A Novel Design of All Optical Logical AND Gate Based on 2-D Photonic Crystal	Journal of Macromolecular Symposia	2021
100	Physics	Girijesh Narayan Pandey and Bhuvneshwer Suthar	Optical Properties of One Dimensional Ternary Metamaterial Photonic Crysta	Journal of Macromolecular Symposia	2021
101	Physics	Girijesh Narayan Pandey, Anil Kumar Shukla, Khem B Thapa, Munendra Singh and Ram Chandra Singh	Simulation of 2D Interference Pattern Structure for Rectangular and Circular Slits Using Dual Beam Interference Technique	Journal of Macromolecular Symposia	2021
102	Physics	Lalita Chauhan, Sudhanshu Kumar, K. Sreenivas, A. K. Shukla	Variable range hopping and modulus relaxation in NiFe2O4 ceramics	Materials Chemistry and Physics	2021
103	Physics	U.C. Srivastava	“Lattice Dynamical Study of Platinum by Use of van der Waals Three Body Force Shell	Johnson Matthey Technol. Rev.	2021

104	Physics	Adarsh Kumar	Significant characteristics of aerosol optical depth and cloud cover fraction over the South West region of India, Indian Journal of Physics, April 2021.	Indian Journal of Physics	2021
105	Physics	Jyoti Katyal, Shivani Gautam	Tuning the Localized Surface Plasmon Resonance of Al-Al_2O_3 Nanosphere Towards NIR Region by Gold Coating	Micro and nanosystem	2021
106	Physics	ABDULLAH ANWARa, VISHAL SINGH CHANDEL, SATYENDRA PRATAP SINGH, SATYA PRAKASH SINGH, NEDA ANWAR	RISE AND FALL IN SARS-COV-2 GLOBAL PANDEMIC STRAIN RATE–AN OVERVIEW	International Journal of Applied Pharmaceutics	2021
107	Physics	Mohammad Shafi Khan , Vishal Singh Chandel and Satyendra Pratap Singh	Comparative Dielectric Study of Binary Mixtures of Coriandar oil and Radish oil	ORIENTAL JOURNAL OF CHEMISTRY	2021
108	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of surface plasma waves by an electron beam in a magnetized dusty plasma - Reinvestigated	Optik	2021
109	Physics	Mohit K. Sharma, Vishnu D. Mampatta, Monika Sharma & Suresh Chandra	Sobolev LVG Analysis of Prebiotic Molecule Formamide (NH2CHO) Found in the ISM	Astrophysics	2021
110	Physics	Suresh Chandra & Mohit K. Sharma	A comment on Whistler mode waves with electric field in magnetospheric plasma of an outer planet	Optik	2021
111	Physics	Mohit K. Sharma, Monika Sharma, Neeraj Kumar & Suresh Chandra	Transition $110 - 111$ of methanimine in interstellar medium	Ind. J. Physics	2021
112	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of Gould-Trivelpiece mode by streaming particles in dusty plasma-reinvestigated	Optik	2021
113	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of Trivelpiece-Gould mode in a magnetized plasma having dust by relativistic electron beam?	Optik	2021
114	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of dust acoustic waves in a plasma having dust grains by an ion beam	Optik	2021
115	Physics	Mohit K. Sharma & Suresh Chandra	Sobolev LVG Analysis of Aminomethanol and N-Methylhydroxylamine: Potential spectral lines for their detection in a cosmic object	Astrophysics	2021
116	Physics	Ch Kartikeswar Patro, Rohit Verma, Aakarti Garg, Ravindra Dhar and Roman Dabrowski	Boost in the thermal stability, ionic conductivity and director relaxation frequency in the composite of liquid crystal and functionalised multi-walled carbon nanotubes	Liquid Crystals	2021

117	Physics	Satendra Kumar, Rohit Verma, R. Dhar	Changes in the Thermodynamic Parameters of an Achiral Liquid Crystalline Material Due to Li Ion Beam Irradiation	Springer Proceeding in Physics	2021
118	Physics	Vinit Kakkar, Keshav Walia, DeepakTripathi	Impact of self-focused high power beam on second harmonic generation in collisional plasmas	Optik- Int. Journal of light and Electron Optics	2021
119	Physics	Mamta Yadav, Ashok Kumar and Subhayan Mandal	Stimulated Raman scattering in a plasma embedded with CNTs	Physica Scripta	2021
120	Statistics	Singh, D., Yadav R. and Chandra, H.	An improved ratio-product-ratio class of estimators for estimating finite population mean.	International Journal of Agricultural and Statistical Sciences	2021
121	Statistics	Farooqi, M.S., Kumar, D., Mishra, D.C., Rai, A., Singh, N.K.	A hybrid method for differentially expressed genes identification and ranking from RNA-Seq data	International Journal of Bioinformatics Research and Applications	2021
122	Statistics	Yadav R	A generalized ratio-type estimator of finite population variance using quartiles and their functions	Journal of Statistics Applications and Probability	2021
123	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	An Efficient and Scalable Approach for the Synthesis of Piperazine Based Glitazone and its Derivatives.	Synthetic Communications	2020
124	Chemistry	Monika Duhan, Naveen Kumar, Anita Gupta, Anupinder Singh, Harminder Kaur	Enhanced room temperature ferromagnetism in Cr and Fe co-doped SnO2 nanoparticles synthesized by sol-gel method	Vacuum	2020
125	Chemistry	Enikő Bárdos, Viktória Márta, Lucian Baia, Milica Todea, Gábor Kovács, Kornélia Baán, Seema Garg, Zsolt Pap, Klara Hernadi	Hydrothermal crystallization of bismuth oxybromide (BiOBr) in the presence of different shape controlling agents	Applied Surface Science	2020
126	Chemistry	Mohit Yadav, Seema Garg, Amrish Chandra, Jyoti, Pravin P.Ingole, Eniko Bardos, Klara Hernadi	Quercetin-mediated 3-D hierarchical BiOI-Q and BiOI-Q-Ag nanostructures with enhanced photodegradation efficiency	Journal of Alloys and Compounds	2020
127	Chemistry	Mehra, S., Nisar S., Chauhan, S., Singh, V. and Rattan, S	Soy Protein Based Hydrogel under Microwave Induced Grafting of Acrylic acid and 4-(4- ydroxyphenyl) butanoic acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS Omega	2020
128	Chemistry	Deepshikha Gupta, Vabhika Rishi & Tejendra Kumar Gupta	Synthesis of MFe2O4 (M: Cu, Mn, Co, Ni) magnetic nanoparticles and their efficient catalytic role in nitrophenol reduction	Materials Research Innovations	2020
129	Chemistry	Zsolt Kása, Eszter Orbán, Zsolt Pap, Imre Ábrahám, Klára Magyari, Seema Garg and Klara Hernadi	Innovative and Cost-Efficient BiOI Immobilization Technique on Ceramic Paper—Total Coverage and High Photocatalytic Activity	Nanomaterials	2020

130	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	One-Pot Sequential Synthesis of Quinazolin-8-ol derivatives employing Heterogeneous Catalyst for Suzuki-Miyaura coupling.	Synthetic Communications	2020
131	Chemistry	Ruchi Shaw, Shubhangi Madan, Sangeeta Tiwari, Sandeep Kumar Tiwari	Creating Synergy of Microporous Hydrophilic–Organophilic Surfaces in Zeolite@ Nano-Titania Particles for Rapid Removal of Diverse Pollutants in Water	Advanced Materials Interfaces	2020
132	Chemistry	Shubhangi Madan, Ruchi Shaw, Sangeeta Tiwari and Sandeep Kumar Tiwari	Enhancing corrosion stability and shelf life of nanoscale zero-valent iron via encapsulation in porous Ze-TiO2 matrix: An interface for simultaneous oxidation and adsorption of As(III)	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020
133	Chemistry	Saloni Mehra, Safiya Nisar, Sonal Chauhan, Virender Singh, Sunita Rattan	Soy Protein-Based Hydrogel under Microwave-Induced Grafting of Acrylic Acid and 4-(4- Hydroxyphenyl)butanoic Acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS Omega	2020
134	Chemistry	Shubhangi Madan, Ruchi Shaw, Sangeeta Tiwari, S.K.Tiwari	Enhancing Corrosion Stability and Shelf Life of Nanoscale Zerovalent Iron via encapsulation in Porous Ze- TiO2 matrix: An Interface for Simultaneous Oxidation and Adsorption of As(III)	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020
135	Chemistry	EnikőBárdosab1ViktóriaMártaaLucianBaiacdeMilicaTodeadfGáborKovácsbdKornéliaBaánaSeemaGarggZsoltPapbdeKlaraHernadia	Hydrothermal crystallization of bismuth oxybromide (BiOBr) in the presence of different shape controlling agents	Applied Surface Science	2020
136	Chemistry	Nisar S., Pandit A.H., Wang L.-F., Rattan S.	Strategy to design a smart photocleavable and pH sensitive chitosan based hydrogel through a novel crosslinker: A potential vehicle for controlled drug delivery	RSC Advances	2020
137	Chemistry	Sharma V.K., Barde A., Rattan S.	One-pot sequential synthesis of quinazolin-8-ol derivatives employing heterogeneous catalyst for Suzukiâ€“Miyaura coupling	Synthetic Communications	2020
138	Chemistry	Sharma V.K., Barde A., Rattan S.	Design, Synthesis and Characterization of Pyrimidine based Thiazolidinedione Derivatives	Asian Journal of Chemistry	2020
139	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, RogerGläser, KlaraHernadi	Green BiOI impregnated 2- dimensional cylindrical carbon block: A promising solution for environmental remediation and easy recovery of the photocatalyst	Separation and Purification Technology Volume 240, 1 June 2020, 116628	2020

140	Chemistry	Deeya Soin, Deepshikha Gupta	Recent Advances in health Benefits of Moringa oleifera	” International Journal of Pharmaceutical Sciences and Nanotechnology”,	2020
141	Chemistry	Vinod Kumari* & Aditi Sangal	Antimicrobial study of Arjuna Terminalia loaded PLGA nanoparticle	Indian Journal of Biochemistry & Biophysics	2020
142	Chemistry	Sharma V.K., Barde A., Rattan S.	An efficient and scalable approach for the synthesis of piperazine based glitazone and its derivatives	Synthetic Communications	2020
143	Chemistry	Prachi Kapoor, Parul Khurana, Christine Jeyseelan, Dinesh Kumar, Sheenam Thatai	Fabrication assembly techniques for K-ion batteries	Rechargable Batteries: History, Progress and applications	2020
144	Chemistry	Shubham singh, Sheenam Thatai, Parul Khurana, Christine Jeyaseelan, Dinesh Kumar	Conducting polymer electrodes for sodium ion batteries	Sodium ion Batteries: Material and applications	2020
145	Chemistry	Safiya Nisar, Shubhi Sharma, Payal Mazumdar, Prachi Singhal, and Sunita Rattan	Modification of tungsten sulfide/ nanographene nanocomposite through ion beam irradiation on the polystyrene matrix for biosensing application	AIP Conference Proceedings	2020
146	Chemistry	Amreen Saifi, Prachi Singhal, and Sunita Rattan	MoS2/NGP hierarchical hybrid composites synthesized via in–situ microwave method	AIP Conference Proceeding	2020
147	Chemistry	Kumari V. and Sangal A.	Synthesis, Characterization, Antimicrobial activity and Release Study of Cinnamon loaded poly (DL-lactide-co-glycolide) Nanoparticles	Research J. Pharm. and Tech	2020
148	Chemistry	Prachi Yadav, Sunita Rattan,Ambuj Tripathi and Sandeep Yadav	Tailoring of complex permittivity, permeability, and microwave- absorbing properties of CoFe<inf>2</inf>O<inf>4</inf>/NG/ PMMA nanocomposites through swift heavy ions irradiation	Ceramics International	2020
149	Mathematics	Sunita Mehta (Sharma), Kuldeep Chaudhary (Corresponding author), Vijay Kumar	Optimal Promotional Effort Policy in Innovation Diffusion Model Incorporating Dynamic Market Size in Segment Specific Market	International Journal of Mathematical, Engineering and Management Sciences, 2020, 5(4), pp. 682–696, 055	2020
150	Mathematics	Neha Bhardwaj	Global Estimates for Generalized Double Bernstein Operators	Azerbaijan Journal of Mathematics,	2020
151	Mathematics	Surbhi Gupta, Anil Chandra, C.K.Jaggi	A multi-state model for reliability analysis of metal sheet manufacturing process using artificial neural network technique	Pertanika Journal of Science and Technology	2020
152	Mathematics	Mamta Barik, Sudipa Chauhan(corresponding), Sumit Kaur Bhatia	Efficacy of pulse Vaccination over constant vaccination in COVID-19: A Dynmaical Analysis	Commun. Math. Biol. Neurosci. 2020,	2020

153	Mathematics	Vandana Kumari, Sudipa Chauhan(corresponding), Nisha Sharma, Sumit Kaur Bhatia, Joydip Dhar	A Stage - Structured Prey - Predator Model with Maturation and Gestation Delay for Predator Using Holling Type-II functional response	Jordan Journal of Mathematics and Statistics,	2020
154	Mathematics	Astha, Sarla Pareek, Leopoldo Eduardo Cárdenas-Barrón, Mandeep Mittal*	Impact of Imperfect Quality Items on Inventory Management for Two Warehouses with Shortages	Impact of Imperfect Quality Items on Inventory Management for Two Warehouses with Shortages	2020
155	Mathematics	Mandeep Mittal*, Sarla Pareek, Aastha	Effect of human errors on an inventory model under two warehouse environments	Recent Advances in Computer Science	2020
156	Mathematics	Manavi Gilotra, Sarla Pareek, Mandeep Mittal*, Vinti Dhaka	Effect of Carbon Emission and Human Errors on a Two-Echelon Supply Chain under Permissible Delay in Payments	International Journal of Mathematical, Engineering and Management Sciences	2020
157	Mathematics	Mahesh Kumar Jayaswal, Isha Sangal, Mandeep Mittal*	Learning Effect on Inventory Model in Fuzzy Environment with Trade Credit Financing	Revista de Invetigacion de Operacional	2020
158	Mathematics	Rita Yadav, Mahesh Kumar Jayaswal, Mandeep Mittal*, Isha Sangal, Sarla Pareek	A Game Theoretic Approach: Impact of Learning on The Optimal Ordering Policies for Imperfect Quality Items	International Journal Revista Invetigacion Operacional (IJRIO)	2020
159	Mathematics	Chandola Ankita, Pandey R.M, Agarwal Ritu and Purohit, S.D.	An Extension of Beta function, its Statistical Distribution and Associated Fractional Operator.	Advances in Difference Equations Vol.2020, Issue.1, Article No.684.	2020
160	Mathematics	Upadhyaya, S. and Kushwaha, C.	Performance prediction and ANFIS computing for unreliable retrial queue with delayed repair under modified vacation policy	International Journal of Mathematics in Operational Research (Inderscience) Scopus	2020
161	Mathematics	Upadhyaya, S.	Cost optimization of a discrete-time retrial queue with Bernoulli feedback and starting failure	International Journal of Industrial and Systems Engineering (Inderscience) Scopus	2020
162	Mathematics	Upadhyaya, S. and Malik, G.	An unreliable batch arrival G-queue with working vacation, vacation interruption and multi-optional services	National Journal UGC Approved Journal	2020
163	Mathematics	Sunil JOSHI, Ekta MITTAL, Rupakshi M.PANDEY, Sunil D.PUROHIT,	Some Gruss Type Inequalities involving generalized Fractional Integral operator	-	2020

164	Mathematics	Vandana Kumari, Sudipa Chauhan, Joydip Dhar	Controlling Pest by Integrated Pest Management : A Dynamical Approach	International Journal of Mathematical, Engineering and Management Sciences	2020
165	Mathematics	Saniya Batra and Prakriti Rai	A FURTHER GENERALIZATION OF EXTENDED HURWITZ-LERCH ZETA FUNCTION OF TWO VARIABLES	Advanced Studies in Contemporary Mathematics	2020
166	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Umama Nasir	Dynamics of Vaccination Model with Holling Type II Functional Response	Kyungpook Mathematical Journal	2020
167	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan, Priyanka Arora	Effect of Sterile Insect Technique on Dynamics of Stage-Structured Model Under Immigration	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	2020
168	Mathematics	Firdos Karim, Sudipa Chauhan, Sumit Kaur Bhatia, Joydip Dhar	Hopf bifurcation in an augmented IS-LM linear business cycle model with two time delays	International Journal of Mathematical, Engineering and Management Sciences	2020
169	Mathematics	Astha, Sarla Pareek, Leopoldo Eduardo Cárdenas-Barrón, Mandeep Mittal	Impact of Imperfect Quality Items on Inventory Management for Two Warehouses with Shortages	International Journal of Mathematical, Engineering and Management Sciences	2020
170	Mathematics	Saniya Batra and Prakriti Rai	A Further Extension of Generalized Hurwitz - Lerch Zeta Function of Two Variables-II	GANITA	2020
171	Mathematics	PRAGYA MISHRA, RENUKA, VANDANI VERMA	Identity Based Broadcast Encryption Scheme with Shorter Decryption Keys for Open Networks	Wireless Personal Communications	2020
172	Mathematics	Anil Chandra, Anjali Naithani, Surbhi Gupta, Chandra K Jaggi	Reliability and cost analysis comparison between two-unit parallel systems with non-identical and identical consumable units	Journal of Critical Reviews	2020
173	Mathematics	Pragya Mishra	A PROFICIENT IDENTITY BASED SIGNATURE SCHEME WITH DESIGNATED VERIFIER FOR E-VOTING	Journal of Critical Reviews	2020
174	Mathematics	Antim Chauhan, Rajan Arora and Amit Tomar	Converging Shock Waves in a Van Der Walls Gas of Variable Density	Quarterly Journal of Mechanics and Applied Mathematics	2020
175	Mathematics	Aparna Chaturvedi1, Prakriti Rai 2 , S. Ahmad Ali 3	GENERALIZED HERMITE BASED APOSTOL BERNOULLI POLYNOMIALS AND THEIR PROPERTIES	NON LINEAR STUDIES	2020
176	Mathematics	APARNA CHATURVEDI AND PRAKRITI RAI	GENERALIZED HERMITE BASED APOSTOL BERNOULLI, EULER, GENOCCHI POLYNOMIALS AND THEIR RELATIONS	JOURNAL OF INDIAN MATHEMATICAL SOCIETY	2020
177	Mathematics	Aparna Chaturvedi, Prakriti Rai	Generalized Hermite- based Apostol-Bernoulli, Euler, Genocchi polynomials and their relations	Journal of Indian Mathematical Society	2020

178	Mathematics	Shweta Upadhyaya	Investigating a general service retrial queue with damaging and licensed units: an application in local area networks	OPSEARCH	2020
179	Mathematics	Diksha Bhatnagar and Rupakshi Mishra Pandey	A Study of some Integral Transforms of Q Function	South East Asian Journal of Mathematics and Mathematical Sciences(SEAJMS)	2020
180	Mathematics	Sunita Mehta, Kuldeep Chaudhary and Vijay Kumar	Optimal Promotional Effort Policy in Innovation Diffusion Model Incorporating Dynamic Market Size in Segment Specific Market	International Journal of Mathematical, Engineering and Management Sciences	2020
181	Mathematics	Aparna Chaturvedi, Prakriti Rai	Relations between generalized Hermite-based Apostol- Bernoulli, Euler and Genocchi polynomials	Proceedings of the jangjeon mathematical society	2020
182	Mathematics	Aparna Chaturvedi, Prakriti Rai and S. Ahmad Ali	Generalized Hermite – based Apostol – Euler polynomials and their properties	Applications and Applied Mathematics: An International Journal (AAM)	2020
183	Mathematics	Firdos Karim, Sudipa Chauhan, Joydip Dhar	On the comparative analysis of linear and nonlinear business cycle model: Effect on system dynamics, economy and policy making in general	Quantitative Finance and Economics	2020
184	Mathematics	Neha Bhardwaj	A Better Error Estimation on Generalized Positive Linear Operators Based on PED and IPED	Mathematical Analysis I: Approximation Theory, springer Proceedings in Mathematics & Statistics 306	2020
185	Mathematics	SUNIL HANS, AMIT TOMAR, AND JIANHENG CHEN	A NOTE ON COMPARISON OF ANNULI CONTAINING ALL THE ZEROS OF A POLYNOMIAL	Kragujevac Journal of Mathematics	2020
186	Mathematics	Namita Goel, Sudipa Chauhan, Sumit Kaur Bhatia	Effect of Habitat on Dynamic of Native and Exotic Prey–Predator Population	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	2020
187	Mathematics	Antim Chauhan, Rajan Arora, Amit Tomar	Converging strong shock waves in magnetogasdynamics under isothermal condition	Ricerche di Matematica	2020
188	Mathematics	Priyanka Vashisht, Vijay Kumar	AGENT BASED OPTIMIZED RÉPLICA MANAGEMENT IN DATA GRIDS	Revista de Investigacion Operacional	2020
189	Mathematics	Vijay Kumar, Ramita Sahni	Dynamic testing resource allocation modeling for multi-release software using optimal control theory and genetic algorithm	International Journal of Quality & Reliability Management	2020
190	Mathematics	Rita Yadav, Mahesh Kumar Jayaswal, Mandeep Mittal*, Isha Sangal, Sarla Pareek	A Game Theoretic Approach: Impact of Learning on The Optimal Ordering Policies for Imperfect Quality Items	International Journal Revista Invetigacion Operacional (IJRIO)	2020

191	Mathematics	Hemlata, Dr H D Arora and Vijay Kumar	Constructing a Data Mining Model using Fuzzy Decision Tree	International Journal of Advanced Science and Technology	2020
192	Mathematics	Antim Chauhan, Rajan Arora and Amit Tomar	Lie symmetry analysis and traveling wave solutions of equal width wave equation	Proyecciones Journal of Mathematics	2020
193	Mathematics	Talat Parveen, HD Arora, Mansaf Alam	Intuitionistic Fuzzy Shannon Entropy Weight Based Multi-criteria Decision Model with TOPSIS to Analyze Security Risks and Select Online Transaction Method	Advances in Computing and Intelligent Systems	2020
194	Mathematics	Manavi Gilotra, Sarla Pareek, Mandeep Mittal, Vinti Dhaka	Effect of Carbon Emission and Human Errors on a Two-Echelon Supply Chain under Permissible Delay in Payments	International Journal of Mathematical, Engineering and Management Sciences	2020
195	Physics	Ch. Kartikeshwar Patro, Aakarti Garg, Rohit Verma, R. Dhar, R. Dabrowski	Thermodynamic Characteristics of Liquid Crystal-Nanocomposites	Springer Proceeding in Physics	2020
196	Physics	Ch. Kartikeshwar Patro, Aakarti Garg, Rohit Verma, R. Dhar, R. Dabrowski	Thermal and Electrical Characteristics of Nematic Liquid Crystal and Gold Nanoparticle Composites	Springer Proceeding in Physics	2020
197	Physics	Mritunjoy Prasad Ghosh, Shashank Kinra, Deepak Dagur, Ravi Kant Choubey and Samrat Mukherjee	Evidence of large exchange bias effect in single-phase spinel ferrite nanoparticles	Physica Scripta	2020
198	Physics	Arun Kumar, Dipti Pednekar, Samrat Mukherjee and Ravi Kant Choubey	Effect of deposition time and complexing agents on Hierarchical nanoflakes CdS structured thin films	Journal of Materials Science: Materials in Electronics	2020
199	Physics	Stuti Tomar, Suhaas Gupta, Samrat Mukherjee, Arun Singh, Sunil Kumar and Ravi Kant Choubey	Manganese doped ZnS QDs: an investigation into the optimal amount of doping	Semiconductors	2020
200	Physics	Vignesh, Siddharth Kaushik, Umesh K. Tiwari, Ravi Kant Choubey, Kamaldeep Singh and Ravindra K Sinha	Study of Sonication Assisted Synthesis of Molybdenum Disulfide (MoS2) Nanosheets	Materials Today Proceddings	2020
201	Physics	Lalit Kumar Sharma, Ravi Kant Choubey and Samrat Mukherjee	Spin-flop in transition-metal-doped SnO2 quantum dots	Materials Chemistry and Physics	2020

202	Physics	Saloni Mehra, Safiya Nisar, Sonal Chauhan, Virender Singh, Sunita Rattan	Soy Protein-Based Hydrogel under Microwave-Induced Grafting of Acrylic Acid and 4-(4-Hydroxyphenyl)butanoic Acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS omega	2020
203	Physics	A Mehra, S Chauhan, VK Jain, S Nagpal	ANTI-INFLAMMATORY AND ANTI-MIGRATORY EFFECT OF HERBAL NANO-STATINS ON HEPG2 CANCER CELLS	Indian Drugs	2020
204	Physics	Ajay Kumar, Gautam Singh, Tilak Joshi, A. M. Biradar	Electro-optical and dielectric characteristics of ferroelectric liquid crystal dispersed with palladium nanoparticles	Journal of Molecular Liquids	2020
205	Physics	Supreet, Gautam Singh	Recent advances on cadmium free quantum dots-liquid crystal nanocomposites	Applied Materials Today	2020
206	Physics	Jyoti Katyal	Multilayered nanostructure for inducing large and tunable optical field	Nanoscience and Nanotechnology-Asia	2020
207	Physics	Suresh Chandra & Mohit K. Sharma	Interaction of an electron beam with whistler waves in magnetoplasmas-reinvestigated	Optik	2020
208	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for search of malononitrile (CH2(CN)2) in a cosmic object: Potential spectral lines	Astronomy Reports	2020
209	Physics	Y Tyagi, D Tripathi	Lower hybrid wave assisted laser third harmonic generation in magneto plasma	AIP Advances	2020
210	Physics	Daljeet Kaur, Suresh C. Sharma, R.S. Pandey and Ruby Gupta	Weibel Instability Oscillation in Dusty Plasma with counter-streaming electrons	Laser and Particle Beams	2020
211	Physics	Vandana Kumari, Sudipa Chauhan(corresponding), Joydip Dhar	Controlling Pest by Integrated Pest Management: A Dynamical Approach	International journal of Mathematical, Engineering and Management Sciences,	2020
212	Physics	H. Ahmoum, M. Boughrara, M. S. Su'ait, G. Li, S. Chopra, Q. Wang and M. Kerouad	Understanding the effect of the carbon on the photovoltaic properties of the Cu2ZnSnS4	Materials Chemistry and Physics	2020
213	Physics	Arun Kumar, Dipti Pednekar, Samrat Mukherjee, and Ravi Kant Choubey	Effect of deposition time and complexing agents on hierarchical nanoflake-structured CdS thin films	Effect of deposition time and complexing agents on hierarchical nanoflake- structured CdS thin films	2020
214	Physics	Adarsh Kumar	Fast melting rate of Himalayan glaciers since 2000 posing threat to water deficiency in the Indian Himalayan region, Astronomy & Geophysics	Astronomy & Geophysics	2020

215	Physics	Ajay Kumar, Gautam Singh*, Tilak Joshi and Ashok M. Biradar	Electro-optical and dielectric characteristics of ferroelectric liquid crystal dispersed with palladium nanoparticles	Journal of Molecular Liquids	2020
216	Physics	Lalit Kumar Sharma, Ravi Kant Choubey, Samrat Mukherjee	Spin-flop in transition-metal-doped SnO2 quantum dots	Materials Chemistry and Physics	2020
217	Physics	Neeraj Sharma, Stuti Tomar, Mohd. Shkir, Ravi Kant Choubey, Arun Singh	Study of Optical and Electrical Properties of Graphene Oxide	Materials Today: Proceedings	2020
218	Physics	Adarsh Kumar	Spatio-temporal variations in satellite based aerosol optical depths & aerosol index over Indian subcontinent: Impact of urbanization and climate change	Urban Climate	2020
219	Physics	Shreenu Pattanaik, D. K. Mishra, M. K. Sharma, Ratnamala Chatterjee	Experimental evidences of ferromagnetism in undoped monoclinic zirconia	Inorganic chemistry communications	2020
220	Physics	Ch Kartikeswar Patro, Rohit Verma, Aakarti Garg, Ravindra Dhar and Roman Dabrowski	Boost in the thermal stability, ionic conductivity and director relaxation frequency in the composite of liquid crystal and functionalised multi-walled carbon nanotubes	Liquid Crystals	2020
221	Physics	Suresh Chandra and Mohit Kumar Sharma	Interaction of an electron beam with whistler waves in magnetoplasmas-reinvestigated	Optik	2020
222	Physics	Asish Kumar, Narendra Kumar,	Metamaterial - Plasma Based Hyperbolic material for Sensor,	Journal of Physics: Condensed Matter	2020
223		Girijesh Narayan Pandey, Devendra Singh and Khem B. Thapa	Detector and Switching Application at Microwave Region		
224	Physics	Suresh Chandra & M. K. Sharma	About electron cyclotron waves in magnetospehric plasma of outer planets having perpendicular inhomogeneous DC electric field	Optik	2020
225	Physics	Suresh Chandra & M. K. Sharma	Application of generalised Lorentzian (Kappa) distribution function in propagation of electron cyclotron waves in magnetospheric plasma of an outer planet	Optik	2020
226	Physics	Suresh Chandra & M. K. Sharma	About electron cyclotron waves in magnetospheric plasma of outer planets having parallel AC electric field	Optik	2020
227	Physics	Mohit K. Sharma and Suresh Chandra	Anomalous absorption of hydrogen peroxide (H2O2) rotational transitions	Anomalous absorption of hydrogen peroxide (H2O2) rotational transitions	2020
228	Physics	M. Yadav, A. Kumar, and S. Mandal	Nonlinear laser absorption on metal surfaces embedded with metallic nanoparticles and nanotubes	Physics of Plasmas	2020

229	Physics	Shyamendra Pratap Singh , U C Srivastava, K S Upadhyaya	Vibrational And Elastic Properties Of Europium Selenide (EuSe) With Three Body Interactions Model	International Journal of Scientific & Technology Research	2020
230	Physics	Mohit K. Sharma, Monika Sharma and Suresh Chandra	H2SiO IRASERs in a warm region in interstellar medium	New Astronomy	2020
231	Physics	Suresh Chandra & M. K. Sharma	Electron cyclotron waves in plasma in magnetosphere of a planet having perpendicular DC electric field	Optik	2020
232	Physics	Suresh Chandra & M. K. Sharma	Electron cyclotron waves in plasma in magnetosphere of a planet having perpendicular AC electric field	Optik	2020
233	Physics	2) H. Ahmoum, M. S. Su'ait, G. Li, S. Chopra, M. Boughrara, Q. Wang, M. Kerouad and D. P. Rai	Electronic and thermoelectric properties of chalcopyrite compounds Cu2(XY)S4 (X = Zn, Cd and Y = Sn, Pb): first-principles study	Indian J Phys	2020
234	Physics	Kaur D., Sharma S.C., Pandey R.S., Gupta R.	Weibel instability oscillation in a dusty plasma with counter-streaming electrons	Laser and Particle Beams	2020
235	Physics	Siddheshwar Chopra	Performance study of the electronic and optical parameters of thermally activated delayed fluorescence nanosized emitters (CCX-I and CCX-II) via DFT, SCC-DFTB and B97-3c approaches	Journal of Nanostructure in Chemistry	2020
236	Physics	Vignesh, Siddharth	Study of Sonication Assisted	Materials Today:	2020
237		Kaushik, Umesh K. Tiwari, Ravi Kant Choubey, Kamaldeep Singh, Ravindra K Sinha	Synthesis of Molybdenum Disulfide (MoS2) Nanosheets	Proceedings	
238	Physics	Ambika Bawa, Tarundeep Kaur Lamba, Amit Choudhary, Gautam Singh, Rajesh, Surinder P. Singh, and Ashok M. Biradar	Impact of twisted alignment on the smectic layer structure of ferroelectric liquid crystal	Journal of Molecular Liquids	2020
239	Physics	Keshav Walia, Vinit Kakkar, Deepak Tripathi	Second harmonic generation of high power laser beam in cold quantum plasma	Optik - International Journal for Light and Electron Optics	2020
240	Physics	20. M.K. Sharma, R.N. Gayen, A.K. Pal, D. Kanjilal, Ratnamala Chatterjee	Single phase formation of Fe-doped directional ZnO nanorod films: study of cluster formation by complex impedance spectroscopy and removal of metal clustering by swift heavy ion irradiation	Nucl. Instr. and Meth. in Phys. Res. B	2020
241	Physics	Pandey R.S., R.P. Pandey, K.M. singh and N.M. Mishra	Cold Plasma injection on VLF wave mode for relativistic magneto plasma with a.c. electric Field	Progress in Elect. Research C	2020

242	Statistics	Niraj Kumar Singh and Mritunjay Pal Singh	Rural out Migration at the Household level	Journal of Statistics Applications & Probability	2020
243	Statistics	Pragya Singh, Kaushalendra Kumar Singh, Anjali Singh and Anjali Pandey	The levels and trends of contraceptive use before first birth in India (2015–16): a crosssectional analysis	BMC Public health	2020
244	Statistics	Ashok Kumar, D. Pawar & S. C. Malik	Reliability analysis of a redundant system with 'FCFS' repair policy subject to weather conditions	International Journal of Advanced Science and Technology	2020
245	Statistics	Rohini Yadav and Rajesh Tailor	Estimation of finite population mean using two auxiliary variables under stratified random sampling	STATISTICS IN TRANSITION	2020
246	Statistics	Ashok Kumar, D. Pawar, S. C. Malik	Reliability Analysis of a Redundant System with 'FCFS' Repair Policy Subject to Weather Conditions	International Journal of Advanced Science and Technology	2020
247	Chemistry	Kaushik K Dhar Dubey, Christine Jeyaseelan, Kailash C Upadhyaya, Vivek Chimote, Ravi Veluchamy, Aruna Kumar.	Biodiesel Production from Hiptage benghalensis seed oil.	Industrial Crops and Products,	2019
248	Chemistry	NikitaSharma, ZsoltPap, SeemaGarg, KláraHernádi	Hydrothermal synthesis of BiOBr and BiOBr/CNT composites, their photocatalytic activity and the importance of early Bi6O6 (OH) 3 (NO3) 3· 1.5 H2O formation	Applied Surface Science	2019
249	Chemistry	Rajpreet Kaur,Kultar Singh,Poonam Khullar,*Anita Gupta,Gurinder Kaur Ahluwalia,and Mandeep Singh Bakshi*	Applications of Molecular structural aspects of Gemini Surfactants	Langmuir	2019
250	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, KlaraHernadi	Fabrication of leaf extract mediated bismuth oxybromide/oxyiodide (BiOBrxI1−x) photocatalysts with tunable band gap and enhanced optical absorption for degradation of organic pollutants	Journal of Colloid and Interface Science	2019
251	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, KlaraHernadi	Immobilization of green BiOX (X= Cl, Br and I) photocatalysts on ceramic fibers for enhanced photocatalytic degradation of recalcitrant organic pollutants and efficient regeneration process	Ceramics International	2019
252	Chemistry	MohitYadava, SeemaGarg, AmrishChandra, KlaraHernadi	Quercetin-sensitized BiOF nanostructures: An investigation on photoinduced charge transfer and regeneration process for degradation of organic pollutants	Journal of Photochemistry and Photobiology A: Chemistry	2019
253	Chemistry	Shivani Agarwal, R S Pandey, Christine Jeyaseelan	Exploring the effect of various plasma parameters on the whistler mode growth rates in the Jovian magnetosphere.	Astrophysics and Space Science	2019

254	Chemistry	Kumari V. and Sangal A.	Study of Antimicrobial activity of Star Anise loaded poly (DL-lactide-co-glycolide) nanoparticles	Research J. Pharm. and Tech	2019
255	Chemistry	Seema Garg, Mohit Yadav, Amrish Chandra, Klara Hernadi	A review on BiOX (X= Cl, Br and I) nano-/microstructures for their photocatalytic applications	Journal of Nanoscience and Nanotechnology	2019
256	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Cost effective Fe/NG/PMMA nanocomposites for high- performance microwave absorbing applications	Materials Research Express	2019
257	Chemistry	Mazumdar P., Rattan S., Singhal P., Sharma I., Gupta B.K.	A Green Route Strategy for the Synthesis of Multifunctional Polymer Nanocomposites for Environmental Sustainability	ChemistrySelect	2019
258	Chemistry	Sadasivuni K.K., Rattan S., Deshmukh K., Muzaffar A., Basheer Ahamed M., Khadheer Pasha S.K., Mazumdar P., Waseem S., Grohens Y., Kumar B.	CHAPTER 12: Hybrid Nano-filler for Value Added Rubber Compounds for Recycling	RSC Green Chemistry	2019
259	Chemistry	Bharti, A., Jeyaseelan, C.	Quantification of potential impurities present in testosterone undecanoate active pharmaceutical ingredient by stability indicating hplc method using uv detector	Jordan Journal of Pharmaceutical Sciences	2019
260	Chemistry	BÃ¡rdos, E., KirÃ¡ly, A.K., Pap, Z., Baia, L., Garg, S., HernÃ¡di, K.	The effect of the synthesis temperature and duration on the morphology and photocatalytic activity of BiOX (X?=?Cl, Br, I) materials	Applied Surface Science	2019
261	Chemistry	Kumar, P., Bose, P.P.	Macrophage ghost entrapped amphotericin B: a novel delivery strategy towards experimental visceral leishmaniasis	Drug Delivery and Translational Research	2019
262	Chemistry	Leiser, S.S., Polin, L., Gan-Or, G., Raula, M., Weinstock, I.A.	Hexaniobate Cluster Anion Monolayers on Gold Nanoparticles: A New Structural Role for Alkali Metal Countercations	Inorganic Chemistry	2019
263	Chemistry	Chakraborty, B., Gan-Or, G., Duan, Y., Raula, M., Weinstock, I.A.	Visible-Light-Driven Water Oxidation with a Polyoxometalate-Complexed Hematite Core of 275 Iron Atoms	Angewandte Chemie - International Edition	2019
264	Chemistry	Anita Gupta1*, Rohit Babu Aniyery2 , Anjali Sharma2 , Nahar Singh3 , Bharti Sharma4	Iron Functionalized Zinc Peroxide nanomaterial for removal of Arsenic and Chromium from contaminated water	Journal of Chemical and Pharmaceutical Sciences	2019
265	Chemistry	Rajpreet Kaur, Poonam Khullar, Anita Gupta, Gurinder Kaur Ahluwalia & Mandeep Singh Bakshi	Biodiesel as a non- aqueous medium for the synthesis of nanomaterials: relevance to metallic particulate suspensions in biofuels and their removal	BIOFUELS	2019

266	Chemistry	Tejendra Kumar Gupta, Pattabhi Ramaiah Budarapu, Sivakumar Reddy Chappidi, Sudhir Sastry Y.B., Marco Paggi and Stephane P. Bordas	Advances in Carbon Based Nanomaterials for Bio-Medical Applications	Current Medicinal Chemistry	2019
267	Chemistry	Madan S., Shaw R., Tiwari S., Tiwari S.K.	Adsorption dynamics of Congo red dye removal using ZnO functionalized high silica zeolitic particles	Applied Surface Science	2019
268	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Swift heavy-ions irradiated nano-magnetite/exfoliated-nanographite/polymethylmethacryl ate nanocomposites with excellent microwave-absorption performance	Materials Letters	2019
269	Chemistry	Sole B.B., Seshadri G., Tyagi A.K., Rattan S.	Effect of Sulphur-chlorine bifunctional diol (SCBD) on antimicrobial, thermal and mechanical behavior of polyether block amide (PEBA) based breathable membranes	Journal of Polymer Research	2019
270	Chemistry	Sadasivuni K.K., Rattan S., Waseem S.,	Silver Nanoparticles and Its Polymer Nanocompositesâ€"Synthesis,	Lecture Notes in Bioengineering	2019
271		Brahme S.K., Kondawar S.B., Ghosh S., Das A.P., Chakraborty P.K., Adhikari J., Saha P., Mazumdar P.	Optimization, Biomedical Usage, and Its Various Applications		
272	Mathematics	Gupta, S, Sharma, Y.	Availability and cost analysis of a two unit cold standby repairable system subject to two types of critical errors	International Journal of Scientific and Technology Research	2019
273	Mathematics	HemlataAggarwal, H.D. Arora, Vijay Kumar	A Decision-making Problem as an Applications of Intuitionistic Fuzzy Set	International Journal of Engineering and Advanced Technology	2019
274	Mathematics	Anil Chandra, Surbhi Gupta, C.K.Jaggi	Reliability assessment of photoelectric smoke detector, ionization smoke detector and a fire alarm control panel with both detectors as notification device	IJEAT	2019
275	Mathematics	Vandani Verma, Aarushi Thakur	A Certificate-Based Proxy Signature Without Message Recovery With Bilinear Pairing	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019
276	Mathematics	Vandani Verma , Shivani Rawat	ID- Based Multiuser Signature Schemes And Their Applications	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019
277	Mathematics	Hemlata Aggarwal, H.D. Arora, Vijay Kumar	A Decision Making Problem As An Application Of Fuzzy Sets	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019

278	Mathematics	Chandra, A., Gupta, S.	Assessment of reliability factors in chocolate manufacturing plant using boolean function technique and neural networking	International Journal of Innovative Technology and Exploring Engineering	2019
279	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Effect of Pollution on Dynamics of SIR Model with Treatment	International Journal of Biomathematics,	2019
280	Mathematics	Sumit Kumar Sharma and Shashank Goel	Frames in Quaternionic Hilbert Spaces	Journal of Mathematical Physics, Analysis, Geometry	2019
281	Mathematics	Priyanka Vashisht, Vijay Kumar, Rajesh Kumar, Anju Sharma	Optimization of Replica Consistency and Conflict Resolution in Data Grid Environment	International Journal of Mathematical, Engineering and Management Sciences	2019
282	Mathematics	S. Hans, A. Tomar and J. Chen	A NOTE ON COMPARISON OF ANNULI CONTAINING ALL THE ZEROS OF A POLYNOMIAL	Kragujevac Journal of Mathematics	2019
283	Mathematics	Sunil JOSHI, Ekta MITTAL, Rupakshi M. PANDEY, Sunil D. PUROHIT	Somr Gruss Type Inequalities involving generalized Fractional Integral operator	Bulletin of the Transilvania University of Bra_Sov ,Series III: Mathematics, Informatics, Physics,	2019
284	Mathematics	Pallavi Kharbanda, Divya Agarwal	Non-smooth multi-objective fractional programming problem involving higher order functions	Int. J. Computing Science and Mathematics	2019
285	Mathematics	Pragya Mishra, Vandani Verma	Revocable Identity Based Signature Scheme with Outsourced Cloud Revocation Authority	International Journal of Advanced Trends in Computer Science and Engineering	2019
286	Mathematics	Mahesh Kumar Jayaswal, Isha Sangal, Mandeep Mittal	Effects of Learning on The Economic Ordering Policies for Defective Items Under Fuzzy Environment with Permissible Delay in Payments	International Journal Revista Invetigacion Operacional (IJRIO)	2019
287	Mathematics	Vijay Kumar, Biswajit Sarkar, Alok Nath Sharma, Mandeep Mittal	New product launching with pricing, free replacement, rework, and warranty policies via genetic algorithmic approach	International Journal of Computational Intelligence Systems	2019
288	Mathematics	Sumit Kaur Bhatia and Sudipa chauhan	Role of Refuge on Dynamics of Prey-Predator Model With Infected Prey	Commun. Math. Biol. Neurosci	2019
289	Mathematics	Singh, R., Chauhan, R.	On soft heminearness spaces	AIP Conference Proceedings	2019
290	Mathematics	Singh, S., Singh, A., Gupta, R., Sinha, S.	Automatic segmentation of melanoma affected region for computer-aided diagnosis	2018 International Conference on Computing, Power and Communication Technologies, GUCON 2018	2019

291	Mathematics	Miglani, A., Gupta, H., Khatri, S.K.	A security model to enhance online transactions using blockchain technology	Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018	2019
292	Mathematics	Sunita Mehta, Kuldeep Chaudhary and Pradeep Kumar	Incorporating Dynamic Potential market in Innovation Diffusion Model Using Stochastic Differential Equation	Proceedings of IEOM2019	2019
293	Mathematics	Arora, H.D., Parveen, T.	Computation of various entropy measures for anticipating bugs in open-source software	Advances in Intelligent Systems and Computing	2019
294	Mathematics	Kumar, V., Arora, H.D., Sahni, R.	An assessment of some entropy measures in predicting bugs of open-source software	Advances in Intelligent Systems and Computing	2019
295	Mathematics	Mishra, A., Gupta, R., Jain, S.	Secure and robust color image watermarking scheme using partial homomorphic cryptosystem in ASWDR compressed domain	Multimedia Tools and Applications	2019
296	Mathematics	Tomar, A., Arora, R., Chauhan, A.	Propagation of strong shock waves in a non-ideal gas	Acta Astronautica	2019
297	Mathematics	Joshi S., Mittal E., Pandey R.M.	On euler type integrals involving extended mittag-leffler functions	Boletim da Sociedade Paranaense de Matematica	2019
298	Mathematics	Pandey, A.N., Gupta, H.	Regulatory Framework for Standardization of Online Transactions Using Cryptocurrencies	Advances in Intelligent Systems and Computing	2019
299	Mathematics	Reshu Agarwal, G.L., Mittal, M.	Inventory classification using multilevel association rule mining	International Journal of Decision Support System Technology	2019
300	Mathematics	Ramzan, M.B., Qureshi, S.M., Mari, S.I., Memon, M.S., Mittal, M., Imran, M., Iqbal, M.W.	Effect of time-varying factors on optimal combination of quality inspectors for offline inspection station	Mathematics	2019
301	Mathematics	Jayaswal, M.K., Sangal, I., Mittal, M., Malik, S.	Effects of learning on retailer ordering policy for imperfect quality items with trade credit financing	Uncertain Supply Chain Management	2019
302	Mathematics	Mahesh Kumar Jayaswal, Isha Sangal, Mandeep Mittal	Effects of Learning on The Economic Ordering Policies for Defective Items Under Fuzzy Environment with Permissible Delay in Payments	International Journal Revista Invetigacion Operacional	2019
303	Mathematics	Kiran Pal, Vijay Kumar	Diagnosis of vector-borne diseases using MCDM techniques Open Access	International Journal of Engineering and Advanced Technology (IJEAT)	2019
304	Physics	Satendra Kumar, Rohit Verma, R. Dhar, and Ambuj Tripathi	Changes in the Thermodynamic Properties of 4-n(Hexyloxy) Benzoic Acid by Li+3 Ion Beam Irradiation	AIP Conference Proceedings	2019
305	Physics	U.C. Srivastava & S.P. Singh	Thermophysical and Ultrasonic Properties on Magnesium Oxide	International Journal of Recent Technology and Engineering (IJRTE)	2019

306	Physics	Suhaas Gupta, Ravi Kant Choubey, Lalit Kumar Sharma, Mritunjoy Prasad Ghosh, Manoranjan Karand Samrat Mukherjee	Exploring the magnetic ground state of vanadium doped zinc sulphide	Semiconductor Science and Technology	2019
307	Physics	3. Sunil Kumar, H.C. Jeon, T.W. Kang, Rajni Seth, Sanjay Panwar, Surendra K. Shinde, D.P. Waghmode, Rijuta Ganesh Saratale and Ravi Kant Choubey	Variation in chemical bath pH and the corresponding precursor concentration for optimizing the optical, structural and morphological properties of ZnO thin films	Journal of Materials Science: Materials in Electronics	2019
308	Physics	Prashant Hitashi, Rohit Verma, Parul Khurana, and Sheenam Thatai	Challenges and Influencing Factors of Nanoparticles for Photocatalysis: A Classical Approach in Their Synthesis	Photocatalysis: Perspective, Mechanism, and Applications	2019
309	Physics	S. Pattanaik, S. Martha, M.K. Sharma, S.K. Pradhan, R. Sakthivel, Ratnamala Chatterjeee, D.K. Mishra	Enhancement of room temperature ferromagnetism in nanocrystalline Zr1-xMnxO2 by the suppression of monoclinic structure of zirconia	Journal of Magnetism and Magnetic Materials	2019
310	Physics	Ilyass Jellal, Hassan Ahmoum, Yassine Khaaissa, Khalid Nouneh, Mourad Boughrara, Mounir Fahoume, Siddheshwar Chopra, Jamal Naja	Experimental and ab-initio investigation of the microstructure and optoelectronic properties of FCM–CVD-prepared Al-doped ZnO thin films	Applied Physics A	2019
311	Physics	Jyoti Katyal	Al-Au heterogeneous dimer-trimer nanostructure for SERS	Nanoscience and Nanotechnology-Asia	2019
312	Physics	Dr G N Pandey-third	. Temperature sensor and monochromatic filter based on one –dimensional photonic crystal containing Si and SiO2 with a defect layer of liquid crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania	2019
313	Physics	Asish Kumar, Khem B. Thapa and Girijesh N. Pandey	Temperature sensor and monochromatic filter based on one –dimensional photonic crystal containing Si and SiO2 with a defect layer of liquid crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania)	2019
314	Physics	Manindra Bhushan, Girigesh Yadav, Deepak Tripathi	Effect of Photon Energy on Conventional Intensity Modulated Radiotherapy and Rapid Arc Radiotherapy Planning for Deep-Seated Targets in Carcinoma Cervix	Asian Journal of Oncology	2019

315	Physics	Mamta Yadav, Subhayan Mandal, and Ashok Kumar	Nonlinear absorption and harmonic generation of laser in an assembly of CNT's	Physics of Plasmas	2019
316	Physics	DeepakTripathi, KeshavWaliaa, and YachnaTyagi	Stimulated Raman scattering of high power beam inthermal quantum plasma	OptikInternational Journal for light and electron optics	2019
317	Physics	Keshav Walia, Deepak Tripathi	Self-focusing of elliptical laser beam in cold quantum plasma	Optik - International Journal for Light and Electron Optics	2019
318	Physics	Rajendra Mohan, Mritunjoy Prasad Ghosh, Ravi Kant Choubey, Samrat Mukherjee	Existence of exchange bias and large coercivity in NiFe2O4/CoO core-shell structured nanoparticles	Journal of Materials Science: Materials in Electronics	2019
319	Physics	Keshav Walia, Deepak Tripathi	Self-focusingofellipticallaserbeamincoldquantumplasma	Optik - International Journal for Light and Electron Optics	2019
320	Physics	Dusmanta Patra, Sabyasachi Pal, Chiranjib Konar, Sandip K. Chakrabarti	Multi-frequency Properties of an Interacting Narrow-Angle Tail Radio Galaxy J0037+18	Astrophysics and Space Science	2019
321	Physics	C. Konar, M. J. Hardcastle, J. H. Croston, M. Jamrozy, Ananda Hota, and Tapas K. Das	Mode of accretion in episodic radio galaxies and the dynamics of their outer relic lobes	Monthly Notices of Royal Astronomical Society	2019
322	Physics	K K Bajpai, K Sreenivas, Ajai K. Gupta, A K Shukla	Cr-doped lead lanthanum zirconate titanate (PLZT) ceramics for pyroelectric and energy harvesting device applications	Ceramics International	2019
323	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Narrow transmission mode in 1D symmetric defective Photonic Crystal Containing Metamaterial and High Tc Superconductor	Optica Applicata	2019
324	Physics	Jyoti Katyal	Comparison of Localised Surface Plasmon Resonance and Refractive Index Sensitivity for metallic nanostructures	Material Todays: proceeding	2019
325	Physics	Dr G N Pandey-3	Tunable optical properties of hyperbolic meta-material	Published by AIP Publishing	2019
326	Physics	Kumari J., Pandey R.S.	Analytical study of Whistler mode waves for relativistic plasma with AC electric field in inner magnetosphere of Saturn	Journal of Astrophysics and Astronomy	2019
327	Physics	Kumari J., Pandey R.S.	Study of VLF wave with relativistic effect in Saturn magnetosphere in the presence of parallel A.C. electric field	Advances in Space Research	2019
328	Physics	Kaur D., Sharma S.C., Pandey R.S., Gupta R.	Excitation of Gould-Trivelpiece mode by streaming particles in dusty plasma	Laser and Particle Beams	2019

329	Physics	Shukla, A.K., Sharma, A., Sharma, M., Nandan, G.	Thermodynamic investigation of solar energy-based triple combined power cycle	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2019
330	Physics	im, J., Shin, E.-H., Sharma, M.K., Ihm, K., Dugerjav, O., Hwang, C., Lee, H., Ko, K.-T., Park, J.-H., Kim, M., Kim, H., Jung, M.-H.	Observation of Restored Topological Surface States in Magnetically Doped Topological Insulator	Scientific Reports	2019
331	Physics	Kumar, S., Verma, R., Dhar, R., Tripathi, A.	Li +3 ion beam irradiation induced changes in the thermodynamic and electrical parameters of 4-n-(nonyloxy) benzoic acid	Liquid Crystals	2019
332	Physics	Kumar, S., Jain, A.,Panwar, S., Sharma, I., Jeon, H.C., Kang, T.W., Choubey, R.K	Effect of silica on the ZnS nanoparticles for stable and sustainable antibacterial application	International Journal of Applied Ceramic Technology	2019
333	Physics	Kumar, S., Kang, T.W., Lee, S.J., Yuldashev, S., Taneja, S., Banyal, S., Singhal, M., Ghodake, G., Jeon, H.C., Kim, D.Y., Choubey, R.K.	Correlation of antibacterial and time resolved photoluminescence studies using bio-reduced silver nanoparticles conjugated with fluorescent quantum dots as a biomarker	Journal of Materials Science: Materials in Electronics	2019
334	Physics	Gangwar, L.K., Kumar, A., Singh, G., Choudhary, A., Rajesh, R., Singh, S.P., Biradar, A.M.	Probing the impact of carbon quantum dots on partially unwound helical mode in ferroelectric liquid crystals	Journal of Applied Physics	2019
335	Physics	Bisoyi, H.K., Singh, G., Fisch, M.R., Agra-Kooijman, D.M., Li, Q., Kumar, S.	Chiral and orientationally ordered fluid mesophases formed by oxadiazole bisaniline based achiral bent mesogens	Liquid Crystals	2019
336	Physics	u.C.Srivastava & M P Srivastava	Lattice dynamical study of RbF by use of (VTBFS) model potential	Journal of Science and Arts	2019
337	Physics	H. Ahmoum, M. Boughrara, M. S.Su'ait, S. Chopra and M. Kerouad	Impact of position and concentration of sodium on the photovoltaic properties of zinc oxide solar cells	Physica B: Condensed Matter	2019
338	Physics	Siddheshwar Chopra, Dipti Yadav and Anu Nagpal Chopra	Artificial Neural Networks Based Indian Stock Market Price Prediction: Before and After Demonetization	J Swarm Intel Evol Comput	2019
339	Physics	Siddheshwar Chopra	Optical properties of sub 2nm long (6,5) single-walled carbon nanotubes: first principles investigation	Molecular Physics	2019
340	Physics	Jyoti Katyal	Comparative study between different Plasmonic materials and nanostructures for sensor and SERS application	Reviews in Plasmonics 2017, Springer Book series	2019

341	Physics	Agarwal S., Pandey R.S., Jeyaseelan C.	Exploring the effect of various plasma parameters on whistler mode growth rates in the Jovian magnetosphere	Astrophysics and Space Science	2019
342	Physics	Shukla K.N., Singh D., Pandey R.S.	Study of relativistic beam of electron on whistler mode waves for subtracted distribution in Saturnian magnetosphere	Astrophysics and Space Science	2019
343	Physics	Annex E.H., Pandey R.S.	Generation of oblique electromagnetic wave by hot injection electron beam with parallel AC electric field in the magnetosphere of Saturn	Astrophysics and Space Science	2019
344	Statistics	Ashok Kumar, D. Pawar, S. C. Malik	Weathering server system with non-identical units and priority to repair of main unit	Journal of Advanced Research in Dynamical and Control Systems	2019
345	Statistics	Ashok Kumar, Dheeraj Pawar & S. C. Malik	Profit analysis of a warm standby non-identical unit system with single server performing in normal/abnormal environment	Life Cycle Reliability and Safety Engineering	2019
346	Statistics	Ujjaval Srivastava, Kaushalendra Kumar Singh and Anjali Pandey	Estimation of Monthly Probability of Conception based on Lindley Conditional Risk of Intercourse	Journal of Statistics Applications & Probability Letters	2019
347	Statistics	AJIT CHATURVEDI AND SHANTANU VYAS	Generalized Gamma - Maxwell distribution: Properties and estimation of reliability functions	Journal of Statistics and Management Systems	2019
348	Statistics	B. B. Khare, Utkarsh, Supriya Khare	On the utilization of known coefficient of variation and preliminary test of significance in the estimation of population mean	International Journal of Agricultural and Statistical Sciences	2019
349	Statistics	Ashok Kumar, Dheeraj Pawar, S. C. Malik	Profit analysis of a warm standby non-identical units system with single server subject to preventive maintenance	International Journal of Agricultural and Statistical Sciences	2019
350	Statistics	Supriya Khare, Akash Mishra, Utkarsh, R. N.Mishra, Neelima Alka Singh	Predictors of Neonatal and Infant Deaths in India	International Journal of Health Sciences and Research	2019
351	Statistics	Mritunjay Pal Singh, Abhishek Bharti NIraj Kumar Singh	Spatial Statistics for study of infant mortality in Uttar Pradesh	Journal of Statistics Application and Probability	2019
352	Statistics	Mritunjay Pal Singh, Abhishek Bharti and Niraj Kumar Singh	Spatial Statistics Approach for Study of Infant Mortality in Uttar Pradesh, India	Journal of Statistics Applications & Probability	2019
353	Statistics	Verma, A.K., Singh, D., Singh, S., Yadav, R.R.	Surfactant-free synthesis and experimental analysis of Mn-doped ZnOâ€“glycerol nanofluids: an ultrasonic and thermal study	Applied Physics A: Materials Science and Processing	2019
354	Chemistry	Deepshikha Gupta, AL Verma, Monika Tyagi	Application of ZnO Nanoparticles in enhancing shelf life of cut flowers with special reference to Gerbera jamesonii	Research Journal of Chemistry and Environment	2018
355	Chemistry	Dr. Sonal Chauhan- First	An in-vitro evaluation of Tribulus terrestris fruit extract for exploring therapeutic potential against certain gut ailments,	Ind J Exp Biol.	2018

356	Chemistry	Dr. Sonal Chauhan- First	Therapeutic Potential of Cucurbits Against Radiation Induced Inflammation And Damage In Mice Gut.	International Journal of Pharmaceutical Sciences and Research	2018
357	Chemistry	Sharma R., Madan S., Tiwari S.	Degradation of toxic contaminants in water using nanotitania on flyash substrate	AIP Conference Proceedings	2018
358	Chemistry	Singhal P., Mazumdar P., Rattan S.	One pot synthesis of free standing highly conductive polymer nanocomposite films: Towards rapid BTX vapor sensor	Polymer Engineering and Science	2018
359	Chemistry	Sole B.B., Seshadri G., Tyagi A.K., Rattan S.	Preparation of antibacterial and antifungal breathable polyether block amide/chloropropane diol membranes via solution casting	Journal of Applied Polymer Science	2018
360	Chemistry	Sehgal T., Rattan S.	Stimuli-responsive hydrogels through gamma radiation induced graft copolymerization of hydrophilic monomers onto polymeric films: For biomedical applications	Advances in Polymers for Biomedical Applications	2018
361	Chemistry	Mazumdar P., Chockalingam S., Rattan S., Gupta B.K.	Tunable mechanical, electrical, and thermal properties of polymer nanocomposites through GMA bridging at interface	ACS Omega	2018
362	Chemistry	Sharma R., Tiwari S., Tiwari S.K.	Highly Reflective Nanostructured Titania Shell: A Sustainable Pigment for Cool Coatings	ACS Sustainable Chemistry and Engineering	2018
363	Chemistry	Shaw R., Mittal T., Tiwari S., Tiwari S.K.	Enhanced adsorption at ZnO nanoflakes@zeolite core shell interface: A study of changing adsorption dynamics	Journal of Environmental Chemical Engineering	2018
364	Chemistry	Jeyaseelan, C., Chaudhary, N., Jugade, R.	Sulphate-Crosslinked Chitosan as an Adsorbent for the Removal of Congo Red Dye From Aqueous Solution	Air, Soil and Water Research	2018
365	Chemistry	Singh, G., Jeyaseelan, C., Bandyopadhyay, K.K., Paul, D.	Comparative analysis of biodiesel produced by acidic transesterification of lipid extracted from oleaginous yeast Rhodosporidium toruloides	3 Biotech	2018
366	Chemistry	Garg, S., Yadav, M., Chandra, A., Gahlawat, S., Ingole, P.P., Pap, Z., Hernadi, K.	Plant leaf extracts as photocatalytic activity tailoring agents for BiOCl towards environmental remediation	Ecotoxicology and Environmental Safety	2018
367	Chemistry	Garg, S., Yadav, M., Chandra, A., Sapra, S., Gahlawat, S., Ingole, P.P., Todea, M., Bardos, E., Pap, Z., Hernadi, K.	Facile green synthesis of BiOBr nanostructures with superior visible-light-driven photocatalytic activity	Materials	2018
368	Chemistry	Garg, S., Yadav, M., Chandra, A., Sapra, S., Gahlawat, S., Ingole, P.P., Pap, Z., Hernadi, K.	Biofabricated BiOI with enhanced photocatalytic activity under visible light irradiation	RSC Advances	2018

369	Chemistry	Kaur, R., Khullar, P., Mahal, A., Gupta, A., Singh, N., Ahluwalia, G.K., Bakshi, M.S.	Keto-Enol Tautomerism of Temperature and pH Sensitive Hydrated Curcumin Nanoparticles: Their Role as Nanoreactors and Compatibility with Blood Cells	Journal of Agricultural and Food Chemistry	2018
370	Chemistry	Duhan, M., Kaur, H., Bhardwaj, R., Kumar, N., Kumar, S., Gupta, A., Gautam, S.	Magnetic metamorphosis of structurally enriched sol-gel derived SnO2 nanoparticles	Vacuum	2018
371	Chemistry	Sangam S., Gupta A., Shakeel A., Bhattacharya R., Sharma A.K., Suhag D., Chakrabarti S., Garg S.K., Chattopadhyay S., Basu B., Kumar V., Rajput S.K., Dutta M.K., Mukherjee M.	Sustainable synthesis of single crystalline sulphur-doped graphene quantum dots for bioimaging and beyond	Green Chemistry	2018
372	Chemistry	Thatai, S., Verma, R., Khurana, P., Goel, P., Kumar, D.	Water quality standards, its pollution and treatment methods	A New Generation Material Graphene: Applications in Water Technology	2018
373	Chemistry	Ziach, K., Chollet, C., Parissi, V., Prabhakaran, P., Marchivie, M., Corvaglia, V., Bose, P.P., Laxmi-Reddy, K., Godde, F., Schmitter, J.-M., Chaignepain, S., Pourquier, P., Huc, I.	Single helically folded aromatic oligoamides that mimic the charge surface of double-stranded B-DNA	Nature Chemistry	2018
374	Chemistry	Chakraborty, B., Gan-Or, G., Raula, M., Gadot, E., Weinstock, I.A.	Design of an inherently-stable water oxidation catalyst	Nature communications	2018
375	Chemistry	Saganovich, M., Gadot, E., Raula, M., Weinstock, I.A.	Proton-coupled electron transfer from photo-excited CdS nanoparticles	Journal of Coordination Chemistry	2018
376	Chemistry	Dr. Sonal Chauhan- First	Barrier strengthening and Anti-inflammantory Effects of Cucurbit Fruits on Intestinal Epithelial Cells In-vitro",	Current Nutrition and Food Science	2018
377	Mathematics	Vinay Gautam, S. P. Tiwari, Priyanka Pal and Jayanti Tripathi	Categories of Automata and Languages Based on a Complete Residuated Lattice	New Mathematics and Natural Computation	2018
378	Mathematics	Shweta Upadhyaya	Performance analysis of a discrete- time Geo/G/1 retrial queue under J- vacation policy	International Journal of Industrial and Systems Engineering (Inderscience)	2018
379	Mathematics	Aakanshi Gupta, Bharti Suri, Vijay Kumar, Sanjay Misra, Tomas Blažauskas, Robertas Damaševičius	Software code smell prediction model using shannon, rényi and tsallis entropies	Entropy	2018

380	Mathematics	V Kumar, VB Singh, A Dhamija, S Srivastav	Cost-Reliability-Optimal Release Time of Software with Patching Considered	International Journal of Reliability, Quality and Safety Engineering	2018
381	Mathematics	Shweta Upadhyaya	Analysis of discrete-time retrial queue with preferred and impatient customers and starting failure	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
382	Mathematics	Malik, G. and Upadhyaya, S.	Working avcation policy for bulk retrial G-queue with Bernoulli feedback and delayed repair	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
383	Mathematics	Upadhyaya, S. and Vaishnawi	State dependent MX/G/1 G-queue with working vacation and vacation interruption	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
384	Mathematics	Upadhyaya, S. and Shimpy Rani	Analysis of an unreliable retrial queue with J-optional vacations	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
385	Mathematics	N. K. GOVIL AND S. HANS	ON SHARPENING OF A THEOREM OF T. J. RIVLIN	Journal of Classical Analysis	2018
386	Mathematics	S. Hans, D. Tripathi, A. A. Mogbademu, Babita Tyagi	Inequalities For rational functions with prescribed poles	Journal of Interdisciplinary Mathematics	2018
387	Mathematics	Saniya Batra, Prakriti Rai	A Further Extension of Generalized Hurwitz – Lerch Zeta Function of Two Variables	International Journal of Pure and Applied Mathematics	2018
388	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, and Swati Sharma	Effect of Delay on Single Population with Infection in Polluted Environment	International Journal of Mathematics and Computation	2018
389	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, and Swati Sharma	Harvesting of Stage Structured Fishery Model in the presence of Toxicity	Electronic Journal of Mathematical Analysis and Applications	2018
390	Mathematics	Chaudhary, K., Kumar, K., Mehta, S.	Incorporating repeat purchasing in innovation diffusion model using stochastic differential equations	Proceedings of the International Conference on Industrial Engineering and Operations Management	2018
391	Mathematics	Tvagi, V., Kaur Bhatia, S., Chauhan, S., Kumari, V.	Effect of Holling type II Function in Stage Structured Model with Maturation Delay	Proceedings of the 8th International Conference Confluence 2018 on Cloud Computing, Data Science and Engineering, Confluence 2018	2018
392	Mathematics	Majumder, R., Som, S., Gupta, R.	Vulnerability prediction through self-learning model	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018

393	Mathematics	Shandilya, A., Gupta, H., Khatri, S.K.	Role and Aplications of Iot in Online Transactions using Blockchain Technology	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018
394	Mathematics	Chaturvedi, A., Rai, P.	Some properties of extended hypergeometric function and its transformations	Journal of the Indian Mathematical Society	2018
395	Mathematics	Gahlot, M., Singh, V.V., Ayagi, H.I., Goel, C.K.	Performance assessment of repairable system in series configuration under different types of failure and repair policies using copula linguistics	International Journal of Reliability and Safety	2018
396	Mathematics	Gupta, P., Arora, H.D., Tiwari, P., Goyel, P.	Fuzzy directed divergence measure and its application to decision making	Songklanakarin Journal of Science and Technology	2018
397	Mathematics	Parveen, T., Arora, H.D.	Applying information measure for predicting release time of open source software	Walailak Journal of Science and Technology	2018
398	Mathematics	Gupta, R., Mishra, A., Jain, S.	A semi-blind HVS based image watermarking scheme using elliptic curve cryptography	Multimedia Tools and Applications	2018
399	Mathematics	Chauhan, A., Arora, R., Tomar, A.	Convergence of strong shock waves in non-ideal magnetogasdynamics	Physics of Fluids	2018
400	Mathematics	Pooja, Chaturvedi, P., Kumar, P., Tomar, A.	A novel differential evolution approach for constraint optimisation	International Journal of Bio- Inspired Computation	2018
401	Mathematics	Vandana Kumari, Sudipa Chauhan, Sumit Kaur Bhatia, Joydip Dhar	Plant-pest-natural enemy model with impulsive biological and chemical control	Differential Equation and Application	2018
402	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Vaishali Tyagi	Dynamics of Influenza A(H1N1) Epidemic Model with Vaccination under the influence of Recruitment Rate	International Journal of Applied Mathematics and Statistics	2018
403	Mathematics	Dongmin Shin, Mandeep Mittal and Biswajit Sarkar	Effects of human errors and trade-credit financing in a two-echelon supply chain model	European Journal of Industrial Engineering	2018
404	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal	Supply chain model for imperfect quality items with trade credit financing: Game theoretic approach	International Journal Revista Invetigacion Operacional (IJRIO)	2018
405	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal	Supply chain models with imperfect quality items when end demand is sensitive to price and marketing expenditure	RAIRO-Operations Research	2018
406	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal*, Sumil Mehta	Effects of imperfect quality items in the asymmetric information structure in supply chain model	Uncertain Supply Chain Management	2018
407	Mathematics	Reshu Agarwal, Sarla Pareek, B Sarkar, Mandeep Mittal	Ordering policy using multi-level association rule mining	International Journal of Information Systems and Supply Chain Management	2018

408	Mathematics	Mandeep Mittal*, Nagpal, C., Malhotra, N., Lambora, A., Agarwal, R. and Mehta	Genetic model for supply chain inventory optimization	International Journal Supply Chain and Operations Resilience	2018
409	Mathematics	Talat Praveen	Congestion pricing, motorcycle, marginal-health cost, generalized cost, EMME-2.	Walailak Journal of Science & Technology	2018
410	Mathematics	Neelam Sharma ,surbhi gupta	Boolean function approach for Reliability of dual channel logic communication system	Malaya Journal of Mathematik	2018
411	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Applications of Generalized Extended Fractional Derivative Operator	Ganita	2018
412	Physics	SATYENDRA PRATAP SINGH	Electro Optical Properties of Cholesteric Liquid Crystal	Archives of Physics Research	2018
413	Physics	SATYENDRA PRATAP SINGH	Analysis of dielectric parameters and penetration depth of tomato sauces	Journal of Food Processing & Technology	2018
414	Physics	Dr Adarsh Kumar	Satellite derived spatio-temporal characteristics of aerosol optical depths and cloud parameters over tropical Indian region	Journal of Indian Geophysical Union	2018
415	Physics	N Jeni Victor, T Dharmaraj, G R Chinthalu, & Devendraa Siingh	Spatial and temporal variability of atmospheric surface albedo over the central north region of India for the period of 2004-2016	Journal of Indian Geophysical Union	2018
416	Physics	K K Bajpai, K Sreenivas, Ajai K. Gupta, A K Shukla,	Pyroelectric properties of (Ba1-xCdx)(Zr0.13Ti0.87)O3 ferroelectric ceramics in polymorphic state	Ceramics International	2018
417	Physics	Sunil Kumar, H.C. Jeon, T.W. Kang, Rajesh Kalia, J.K. Sharma, Sanjay Panwar, Sapna Kalia, Vandana Sharma and R. K. Choubey	"Development of Humidity Sensor using Nanoporous Polycarbonate Membranes"	Russian Journal of Physical Chemistry A	2018
418	Physics	Kandpal P., Pandey R.S.	Study of electrostatic electron cyclotron parallel flow velocity shear instability in the magnetosphere of Saturn	AIP Conference Proceedings	2018
419	Physics	Pandey R.S., Singh V., Rani A., Varughese G., Singh K.M.	Oblique propagating electromagnetic ion - Cyclotron instability with A.C. field in outer magnetosphere	AIP Conference Proceedings	2018
420	Physics	Pandeya G.N., Thapa K.B.	Some optical properties of one dimensional annular photonic crystal with plasma frequency	AIP Conference Proceedings	2018
421	Physics	Dwivedi, A., Verma, R., Dhar, R., Dabrowski, R.	Exploration of dielectric relaxations of a room temperature anti-ferroelectric liquid crystal mixture	AIP Conference Proceedings	2018
422	Physics	Kumar, S., Verma, R., Dwivedi, A., Dhar, R., Tripathi, A.	Improving the thermal stability and electrical parameters of a liquid crystalline material 4-n-(nonyloxy) benzoic acid by using Li ion beam irradiation	AIP Conference Proceedings	2018

423	Physics	Singh, G., Fisch, M.R., Kumar, S.	Electrically tunable photoluminescence of semiconducting quantum dots doped nematic liquid crystal nanocomposites	AIP Conference Proceedings	2018
424	Physics	G. N. Pandey and Khem B Thapa,	Extension of Photonic Band Gap in One-Dimensional Ternary Metal-Dielectric Photonic Crystal	AIP Conference Proceedings	2018
425	Physics	Kumari J., Pandey R.S.	Whistler mode waves for ring distribution with A.C. electric field in inner magnetosphere of Saturn	Astrophysics and Space Science	2018
426	Physics	Kandpal P., Pandey R.S.	Higher harmonics electrostatic ion cyclotron parallel flow velocity shear instability with inhomogeneous DC electric field in the magnetosphere of Saturn	Astrophysics and Space Science	2018
427	Physics	Kandpal P., Pandey R.S.	Study of Electromagnetic Electron Cyclotron Waves for Kappa Distribution with AC Field in the Magnetosphere of Saturn	Plasma Physics Reports	2018
428	Physics	Kumari J., Kaur R., Pandey R.S.	Effect of hot injections on electromagnetic ion-cyclotron waves in inner magnetosphere of Saturn	Astrophysics and Space Science	2018
429	Physics	Kandpal P., Kaur R., Pandey R.S.	Velocity shear Kelvin-Helmholtz instability with inhomogeneous DC electric field in the magnetosphere of Saturn	Advances in Space Research	2018
430	Physics	Sharma, M., Shukla, A.K., Singh, A., Johri, S., Singh, H.P.	Parametric analysis of solar energy conversion system using parabolic concentrator and thermopile	International Journal of Ambient Energy	2018
431	Physics	Singh, S.P., Chandel, V.S., Manohar, R.	Dielectric study of Clove oil	Journal of Ayurveda and Integrative Medicine	2018
432	Physics	Kumar, S., Surbhi, Yadav, M.K.	Vibrational Spectroscopic Investigation, First Hyper Polarizability and Homoâ€“Lumo Analysis of Tetrahydroxy- 1,4Quinone Hydrate Using Density Functional Theory and Hartree-Fock Method	Russian Journal of Physical Chemistry B	2018
433	Physics	Tyagi, Y., Tripathi, D., Walia, K., Garg, D.	Ion acoustic wave assisted laser beat wave terahertz generation in a plasma channel	Physics of Plasmas	2018
434	Physics	Bhushan, M., Yadav, G., Tripathi, D., Kumar, L., Kishore, V., Dewan, A., Kumar, G., Wahi, I.K., Gairola, M.	Dosimetric Analysis of Unflattened (FFFB) and Flattened (FB) Photon Beam Energy for Gastric Cancers Using IMRT and VMATâ€"a Comparative Study	Journal of Gastrointestinal Cancer	2018
435	Physics	Katyal, J.	Plasmonic coupling in Au, Ag and Al nanosphere homo-dimers for sensing and SERS	Advanced Electromagnetics	2018
436	Physics	Rakshit, S., Stalin, C.S., Hota, A., Konar, C.	Rare Finding of a 100 Kpc Large, Double-lobed Radio Galaxy Hosted in the Narrow-line Seyfert 1 Galaxy SDSS J103024.95+551622.7	Astrophysical Journal	2018

437	Physics	Tanbir, K., Sharma, L.K., Aakash, Singh, R.K., Choubey, R.K., Mukherjee, S.	Evidence of exchange-coupled behavior in chromium-cobalt ferrite nanoparticles	Evidence of exchange-coupled behavior in chromium-cobalt ferrite nanoparticles	2018
438	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for search of silanone (H 2 SiO) in interstellar medium	Advances in Space Research	2018
439	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Strengths of rotational lines from H 2 CC molecule: Addressing tentative detection	Molecular Astrophysics	2018
440	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for the search of 2-aminoethanol in a cosmic object	Astronomische Nachrichten	2018
441	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for search of ethylene oxide (c -C 2 H 4 O) in a cosmic object	Astrophysics and Space Science	2018
442	Physics	u c srivastava	Unified study of ND4I by lattice dynamical approach	Journal of Science and Arts	2018
443	Physics	u c srivastava	Phonon Study of Mg2Sio4 by using [VTBFS] Model	Der Pharma Chemica	2018
444	Physics	Siddheshwar Chopra, Dipti Yadav and Anu Nagpal Chopra	Ozone Hole Area Prediction at Earth's North and South Poles by Marvel Interface	J Swarm Intel Evol Comput	2018
445	Physics	Siddheshwar Chopra	Boron fullerenes, Bn (n=20, 30, 38, 40, 50, 60): First principle calculations of electronic and optical properties	Journal of Molecular Graphics and Modelling	2018
446	Statistics	Ashok Kumar, S. C. Malik, Dheeraj Pawar	Profit analysis of a warm standby non-identical units system with single server subject to priority	International Journal on Future Revolution in Computer Science & Communication Engineering	2018
447	Statistics	Ashok Kumar, Dheeraj Pawar, S. C. Malik	Economic analysis of a warm standby system with single server	International Journal of Mathematics and Statistics Invention	2018
448	Statistics	Reetu Rathee, D. Pawar, S. C. Malik	Reliability modeling and analysis of a parallel unit system with priority to repair over replacement subject to maximum operation and repair times	International Journal of Trend in Scientific Research and Development	2018
449	Statistics	Dharma Raj1,∗, Bhanu Pratap Singh1, Brijesh Pratap Singh1 and Niraj Kumar Singh2	Intergenerational Social Mobility among Construction labourers in Varanasi city	Journal of Statistics Application and Probability Letters	2018
450	Statistics	B. B. Khare, Utkarsh, Supriya Khare	A Modified Generalized Chain Regression Cum Ratio Estimator for Population Mean in the presence of Non-response	Journal of Statistics Applications & Probability	2018
451	Statistics	Reetu Rathee, D. Pawar, S.C. Malik	Reliability Modelling and Analysis of Parallel Unit System with Priority to Repair over Replacement Subject to Maximum Operation and Repair Times	International Journal of Trend in Scientific Research and Development	2018

452	Statistics	B. B. Khare, Utkarsh, Supriya Khare	Generalized and transformed two phase sampling Ratio and Product Type Estimators for Population Mean Using Auxiliary Character in the presence of Unit non-response on study and auxiliary Character	Journal of Scientific Research, B.H.U	2018
453	Statistics	M. P. Singh, Abhishek Bharti, Niraj Kr Singh, R D Singh	Spatial Scan Study for mortality Under Age 5 year in the EAG States and Assam	International Journal of Statistics and Economics	2018
454	Statistics	B. B. Khare, Utkarsh, Supriya Khare	Improved Class Of Chain Type Estimators For Product Of Two Population Means Using Two Auxiliary Characters In The Presence Of Non-response	International Journal of Engineering and Future technology	2018
455	Statistics	Sole Author	An Efficient Dual to Ratio-cum- Product Estimator for the Population Mean in Stratified Random Sampling	International Journal of Scientific Research in Mathematical and Statistical Sciences	2018
456	Statistics	B. B. Khare, Utkarsh, Supriya Khare	An efficient generalized chain regression cum ratio estimator for population mean in the presence of non-response	Application of Statistical and Computational Softwares	2018
457	Statistics	Ujjaval Srivastava, Kaushalendra K. Singh, Prashant Verma, Anjali Pandey, Anjali Singh, Ruchi Mishra	Adolescents' Insight into STDs, HIV/AIDS and Family Welfare Methods: Current Status and Myths from School Based Study in Varanasi, India	Demography India	2018
458	Statistics	Anjali Pandey, K. K. Singh & Anjali Singh	On Estimation of Fertility Measures: Visualizing the Future Courses through Stochastic Model	Demography India	2018
459	Chemistry	Singhal P., Raghavan S., Rattan S., Diwan R.K.	Polypropylene/glass fiber composites for low cost orthotic aid	Springer Proceedings in Physics	2017
460	Chemistry	Mazumdar P., Rattan S.	Improved electrical and thermal properties of TETA functionalized NGPs/Epoxy nanocomposites	Springer Proceedings in Physics	2017
461	Chemistry	Gupta, A., Kaur, H., Kumar, S.	Structural and morphological characterization of transition metal (Fe, Co) doped SnO2nanoparticles	Springer Proceedings in Physics Volume 178, 2017	2017
462	Chemistry	Sharma R., Tiwari S.	Design of fly ash based core shell composites as heat reflective coatings for sustainable buildings	Springer Proceedings in Physics	2017
463	Chemistry	Mittal T., Tiwari S., Sharma S.N.	Unusual photocatalytic activity of Cr-doped TiO2 nanoparticles	Springer Proceedings in Physics	2017
464	Chemistry	Shaw R., Sharma R., Tiwari S.	Fly ash based zeolite as an anti-corrosive pigment in paints	Springer Proceedings in Physics	2017
465	Chemistry	Jain V.K., Rattan S., Verma A.	Preface	Springer Proceedings in Physics	2017
466	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Cost ejficient PMMA/NG nanocomposites for electromagnetic interference shielding applications	Materials Research Express	2017

467	Chemistry	Mittal T., Tiwari S., Tiwari S.K.	A facile process for fabrication of environmentally safe superhydrophobic surfaces	Journal of Coatings Technology and Research	2017
468	Chemistry	Mittal T., Tiwari S., Mehta A., Tiwari S.K., Sharma S.N.	Comparison of polymeric stabilization of organic/inorganic (MEH-PPV/TiO2) hybrid composites synthesized via different routes	Colloid and Polymer Science	2017
469	Mathematics	SACHEENDRA SHUKLA, S N PANDEY	Conformally invariant gravitational waves in a zeldovich fluid distribution	International Journal of Pure and Applied Mathematics	2017
470	Mathematics	Anil chandra ,Surbhi Gupta	Performance Analysis of Gold Extraction Process system under different Failure using Boolean Algebra	International Journal of Computer Sciences and Engineering	2017
471	Mathematics	Pramila Shukla and Ranjana Prakash	Birefringence of vacuum in the presence of a counterpropagating electromagnetic wave	International Journal of Modern Physics B	2017
472	Mathematics	V Kumar, PK Kapur, N Taneja, R Sahni	On allocation of resources during testing phase incorporating flexible software reliability growth model with testing effort under dynamic environment	International Journal of Operational Research	2017
473	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Probabilistic Analysis of a 3-Unit Induced Draft Fan System with one warm Standby with Priority to repair of the Unit in Working State	International Journal of System Assurance Engineering and Management (Springer)	2017
474	Mathematics	N Bhatt, A Anand, VSS Yadavalli, V Kumar	Modeling and Characterizing Software Vulnerabilities	International Journal of Mathematical, Engineering and Management Sciences	2017
475	Mathematics	Neelam sharma , Surbhi Gupta,Ekta gupta	Operational Readiness of Traffic Signal System with Human Error under Environmental Conditions	IOSR Journal of Mathematics	2017
476	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Preeti Chaudhary	Effect of Pollution on Prey-Predator system with infected Predator	Materials Today: Proceedings	2017
477	Mathematics	Anupam K. Singh	FUZZY PREORDERED SET, FUZZY TOPOLOGY AND FUZZY AUTOMATON BASED ON GENERALIZED RESIDUATED LATTICE	Annals of fuzzy Mathematics and Informatics (AFMI)	2017
478	Mathematics	Abhishek Singh and P.K. Banerji	Fractional integrals of fractional Fourier transform for integrable Boehmians	IJPAM	2017
479	Mathematics	Abhishek Singh and P.K. Banerji	Cauchy representation for Fractional Fourier transform for Boehmians	.	2017
480	Mathematics	Abhishek	Development of real-time immuno- PCR for the quantitative detection of mycobacterial PstS1 in tuberculosis patients	Journal of microbiological methods 132, 134-138	2017
481	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan, Apurva Agarwal	A Stage-Structured Prey- Predator Fishery Model In The Presence Of Toxicity With Taxation As A Control Parameter of Harvesting Effort	Journal of Non- Linear Analysis and Application	2017

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483	Mathematics	Mandeep Mittal, Aditi Khanna* and C K Jaggi	Retailer's ordering policy for deteriorating imperfect quality items when demand and price are time-dependent under inflationary conditions and permissible delay in payments	International Journal of Procurement Management	2017
484	Mathematics	E.Mittal,S.Joshi,R.M.P andey	Study of Generating Function involving Generalized Lauricella function	International Journal of Mathematics trends and Technology (IJMTT)	2017
485	Mathematics	E.Mittal,S,Joshi,R.M.P andey,V.N.Mishra	Fractional Integral and Integral Transformation formulae using generalized Appell Hyper geometeric functions	Nonlinear Science Letters A	2017
486	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Families of Generating Functions for A class of Extended Bivariate Polynomials	International Journal of Pure and Applied Mathematics	2017
487	Mathematics	Saniya Batra, Prakriti Rai, S.N.Singh	Certain Double Series Rogers-Ramanujan Type Identities	South East Asian Journal of Mathematics and Mathematical Science	2017
488	Mathematics	S. Hans, D. Tripathi; and Babita Tyagi	INEQUALITIES DESCRIBING THE GROWTH OF POLYNOMIALS	Nonlinear Science Letters A	2017
489	Mathematics	S Biswas	On an application of Geiger–Muller counter model (Type-II) for optimization relating to hospital administration	Acta Medica International	2017
490	Mathematics	Talat Parveen	Estimating Release Time and Predicting Bugs with Shannon Entropy Measure and Their Impact on Software Quality	Thai Journal of Mathematics	2017
491	Mathematics	S. Biswas	On The Estimation of Double Decrement Life-Table of HIV Population	INTERNATIONAL JOURNAL OF ECOLOGICAL ECONOMICS & STATISTICS	2017
492	Physics	1. Sarvendra Kumar, Surbhi, M. K. Yadav	Ultraviolet absorption spectra, solvent effect and Non- linear Optical properties of tetrahydroxy 1- 4 quinone hydrate by Hartee fock and Density functional theory	Asian Journal of Chemistry'	2017
493	Physics	Bhavesh Kumar Dadhich, Indrajit Kumar, Ravi Kant Choubey, Bhavya Bhushan, and Amiya Priyam	"Shape and Size Dependent Nonlinear Refraction and Absorption in Citrate-stabilized, Near-IR Plasmonic Silver Nanopyramids"	Photochemical & Photobiological Sciences	2017
494	Physics	Deepak Tripathi, Keshav Walia and Yachna Tyagi	Investigation of weakly relativistic ponderomotive effects on selffocusing during interaction of high power elliptical laser beam with plasma	Communication ofTheoratical Physics	2017

495	Physics	J. P. Pandey and G. N. Pandey	Omni directional Reflection Behavior of Negative Index Materials	International Journal of Pure and Applied Physics	2017
496	Physics	G N Pandey	Photonic Band Gap in One-Dimensional Ternary Metal- Dielectric Photonic Crystal	International Journal of Engineering Research and Application	2017
497	Physics	J.P. Pandey and G. N. Pandey	Omnidirectional Band Gap in Hetrostructure Materials Composed of Meta-Materials and Magnetic Materials	International Journal of Engineering Research and Application	2017
498	Physics	D.K. Mishra, S. Pattanaik, S. Dash, M.K. Sharma, P. Kumar, S. Ray, Ratnamala Chatterjee, D. Kanjilal	Signature of magnetization in Xe ions implanted ZnO: Correlation with oxygen defects as probed by photoelectron spectroscopy	Journal of Nanoscience and Nanotechnology	2017
499	Physics	L. Wang, H. K. Bisoyi, Z. Zheng, Karla G. Gutierrez-Cuevas, G. Singh, S. Kumar, T. J. Bunnning, and Q. Li	Mesogen-Functionalized Graphene-Embedded Self-Organized Chiral Superstructures for Adaptive Window	Materials Today	2017
500	Physics	Yachna Tyagi, Deepak Tripathi, and Keshav Walia	Laser second harmonic generation in a magnetoplasma assisted by an electrostatic wave	Physics of Plasmas (AIP)	2017
501	Physics	D. M. Agra-Kooijman, G. Singh, M. R. Fisch, M. R. Vengatesan, J. -K. Song, and S. Kumar	The oblique chiral nematic phase in calamitic bimesogens	Liquid Crystals	2017
502	Physics	K K Bajpai, K Sreenivas, O P Thakur, A R James, A K Shukla	Influence of Cd doping on the electro-strain of barium zirconate titanate ceramics	Ceramics International	2017
503	Physics	Sidra Aijaz, Arham Shareef Ahmed, R. S. Pandey and Ravi Kant Choubey	“Synthesis, Structural and Optical Properties of Transition Metal Doped ZnO Nanoparticles”	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics	2017
504	Physics	Sidra Aijaz, Arham Shareef Ahmed, R. S. Pandey and Ravi Kant Choubey	Synthesis, Structural and Optical Properties of Transition Metal Doped ZnO Nanoparticles	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics	2017
505	Physics	Gurunath Jadhav, Sanjay Sahare, Dipti Desai, Tejashree M Bhave, S. N. Kale and Ravi Kant Choubey	Effect of Copper Doping on Physical Properties of Cadmium Oxide Thin Films	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics,	2017

506	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Single Walled Carbon Nanotubes Persuaded Optimization of the Thermodynamic, Electrical and Electro-optical Characteristics of a Room Temperature Liquid Crystal Display Material “4-Pentyl-4′cyanobiphenyl	Springer Proc. in Phys.	2017
507	Physics	u c srivastava	Phonon Dynamical Study of Copper by Using [VTBFS] Models	Journal of Science and Arts	2017
508	Physics	u c srivastava	Medical Aspects and Role of Van der Waals forces	Der Pharma Chemica	2017
509	Physics	Siddheshwar Chopra and Felix Plasser	UV Absorption in metal decorated Boron nitride flakes: A theoretical analysis of excited states	Molecular Physics	2017
510	Physics	Jyoti Katyal	Oxide layered nanostructure for sensing application	International journal of Advanced Research in Science and Engg	2017
511	Physics	Jyoti Katyal	Plasmonic layered nanostructure for deep UV-UV biosensing	International journal of Advanced Research in Science and Engg.	2017
512	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Temperature dependence of collisional rate coefficients for rotational transitions: a-type asymmetric top molecules	New Astronomy	2017
513	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for search of cyclopropenone (c-C3H2O) in a cosmic object	Molecular Astrophysics	2017
514	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	. Rotational quenching of H2CO by molecular hydrogen - suggestion on the work of Wiesen- feld & Faure	Pramana	2017
515	Physics	Mohit K. Sharma, Monika Sharma, Arvind K. Sharma & Suresh Chandra	On partition function in Astronomy & Astrophysics	Astronomische Nachrichten	2017
516	Physics	Mohit K. Sharma, Pramod G. Musrif, Monika Sharma & Suresh Chandra	. Suggestion for search for TiH2 molecule in an interstellar molecular cloud	Astronomische Nachrichten	2017
517	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for the detection of TiO2 in interstellar medium	Astrophysics and Space Science	2017
518	Physics	Kaur R., Pandey R.S.	Study of electron beam on electron cyclotron waves with AC field in the magnetosphere of uranus	Advanced Electromagnetics	2017
519	Physics	Kaur R., Pandey R.S.	Study of whistler mode waves for ring distribution function in Saturn's magnetosphere	Advances in Space Research	2017
520	Physics	Kaur R., Pandey R.S.	Study of oblique propagating whistler mode waves in presence of parallel DC electric field in magnetosphere of saturn	Advanced Electromagnetics	2017
521	Statistics	Niraj Kr Singh, Ajay Singh	KAP of Self-Medication among Rural Residents of Western Uttar Pradesh	Demography India	2017

522	Statistics	Mritunjay Pal Singh., Abhishek Bharti., Niraj Kumar Singh and Singh R. D	District Based Clustered Study for Child Mortality in EAG States and Assam	International Journal of Current Advanced Research	2017
523	Statistics	B. B. Khare and Utkarsh	Two General Classes of Chain Type Estimators for Product of Two Population Means Using Two Auxiliary Characters in the Presence of Non-response	International Journal of Statistics & Economics	2017
524	Chemistry	Dr. Sonal Chauhan-3	Radioprotective potential of Lagenaria siceraria extract against radiation induced gastrointestinal injury	Applied Physiology, Nutrition and Metabolism.	2016
525	Chemistry	Payal Mazumdar, Prachi Singhal, R. K Diwan, Sunita Rattan	Poly(4-vinylpyridine) / Nanographite Nanocomposites as Organic Vapor Sensors	AIP Conf. Proc	2016
526	Chemistry	Shaw R., Tiwari S.	Fly ash based zeolitic pigments for application in anticorrosive paints	AIP Conference Proceedings	2016
527	Chemistry	Sharma R., Tiwari S.	Synthesis of fly ash based core-shell composites for use as functional pigment in paints	AIP Conference Proceedings	2016
528	Chemistry	Mazumdar P., Singhal P., Diwan R.K., Rattan S.	Poly(4-vinylpyridine)/Nanographite nanocomposites as organic vapor sensors	AIP Conference Proceedings	2016
529	Chemistry	Mittal T., Tiwari S., Mehta A., Sharma S.N.	An insight into the mechanism of charge transfer properties of hybrid organic (MEH-PPV): Inorganic (TiO2) nanocomposites	AIP Conference Proceedings	2016
530	Chemistry	Shaw, R., Sharma, R., Tiwari, S., Tiwari, S.K	Surface Engineered Zeolite: An Active Interface for Rapid Adsorption and Degradation of Toxic Contaminants in Water	2016) ACS Applied Materials and Interfaces, 8 (19)	2016
531	Chemistry	Gupta, D., Kaur, P.	Physiochemical evaluation and in vitro antioxidant activity of few wonder seeds	International Journal of Pharmacy and Pharmaceutical Sciences, 8 (7),	2016
532	Chemistry	Panda B.	A survey on the present status of sustainable technologies for water pollutant abatement	Desalination and Water TreatmentVolume 57, Issue 59, 19 December 2016	2016
533	Chemistry	Jeyaseelan, C., Gupta, A.	Green tea leaves as a natural adsorbent for the removal of Cr(VI) from aqueous solutions	Air, Soil and Water Research 9	2016
534	Chemistry	Aniyery, R.B., Sharma, A., Gupta, A.	Molecular docking studies and in silico pharmacokinetic property study of synthesized organotin complex of (1r, 2s, 5r)-2-isopropyl-5-methylcyclohexanol	Journal of Chemical and Pharmaceutical Sciences	2016

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537	Chemistry	Mazumdar P., Chockalingam S., Rattan S.	Strategy to synthesise nano- engineered polymer nanocomposite with a mechanically strong interface: A highly flexible ammonia gas sensor	RSC Advances	2016
538	Chemistry	Singh D., Devi N., Kumar V., Malakar C.C., Mehra S., Rattan S., Rawal R.K., Singh V.	Natural product inspired design and synthesis of Î²-carboline and Î³- lactone based molecular hybrids	Organic and Biomolecular Chemistry	2016
539	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Parul Maheshwari	SIRS Model With Double Time Delay	Indian Journal of Industrial and Applied Mathematics	2016
540	Mathematics	Neha Choudhary, Prakriti Rai	Study of certain mock theta functions and some partial order relations	Journal of Ramanujan Society of Mathematics and Mathematical Sciences	2016
541	Mathematics	Dongmin Shin, Rekha Guchhait, Biswajit Sarkar* and Mandeep Mittal	Controllable lead time, service level constraint, and transportation discounts in a continuous review inventory model	RAIRO - Operations Research	2016
542	Mathematics	V Kumar, P Mathur, R Sahni, M Anand	Two-dimensional multi-release software reliability modeling for fault detection and fault correction processes	International Journal of Reliability, Quality and Safety Engineering	2016
543	Mathematics	PK Kapur, V Kumar, AK Shrivastava	Strategic Price, Warranty and Profit Maximization Model of a Software Product Using Dynamic Optimization	International Journal of Reliability, Quality and Safety Engineering	2016
544	Mathematics	Shweta Upadhyaya	Performance prediction of a discrete-time batch arrival retrial queue with Bernoulli feedback	Applied Mathematics and Computation (Elsevier)	2016
545	Mathematics	Shweta Upadhyay	Queueing Systems with vacation: An Overview	AIP Conference Proc	2016
546	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Role of delay and screening in controlling AIDS	Proceeding of IEOM 2016	2016
547	Mathematics	Kuldeep chaudhary, Gupta S., Gupta M., and Sethi P.K	A study on the profitability analysis of power grid corporation of India Ltd	Proceedings of IEOM, Kuala Lumpur, 8-10 March 2016	2016
548	Mathematics	Shweta Upadhyaya	Working vacation policy for a discrete-time GeoX/Geo/1 retrial queue	International Journal of Science and Research	2016

549	Mathematics	Abhishek Singh	On the Exchange Property for the Mehler-Fock Transform	Modern Mathematical Methods and High Performance computing in Science and Technology Korean Journal of Mathematics	2016
550	Mathematics	Neha Bhardwaj and Naokant Deo	Direct and Inverse Theorems for Beta Durrmeyer Operators	Korean Journal of Mathematics	2016
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552	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Nidhi Purohit	Dynamics of SIRS Model with single time Delay	Industrial Mathematics and Complex System, Springer	2016
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554	Mathematics	Aditi Khanna, Mandeep Mittal, Prena Gautam and C K Jaggi	Credit financing for deteriorating imperfect quality items with allowable shortages	Decision Science Letters	2016
555	Mathematics	Mandeep Mittal*, Sarla Pareek and Juhi Singh	Modified Replenishment Policy for Multi-Item Inventory of Imperfect Quality Items using ABC Classification and Cross Selling Effect	International Journal of Data Science	2016
556	Mathematics	Mandeep Mittal*, Sarla Pareek, Reshu Agarwal	Ordering Policy Using Temporal Association Rule Mining	International Journal of Data Science	2016
557	Mathematics	E.Mittal,R.M.Pandey,S .Joshi	On Extension of Mittag Leffler Function	An International Journal of Application and Applied Mathematics(AAM)	2016
558	Mathematics	E.Mittal,S.Joshi,R.M.P andey	Some Fractional Integral Inequality involving Appell Hypergeometeric Function	Journal of Science and Arts	2016
559	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Properties of Extended Hypergeometric Function and its Applications	Ganit Sandesh	2016
560	Mathematics	Dr. H. D. Arora	Generalized entropy for intuitionistic fuzzy sets	Malays J Math Sci	2016
561	Mathematics	Vijay Kumar, K Pal	Intuitionistic trapezoidal fuzzy prioritized weighted average operators: an algorithm for the suitable treatment for lung cancer	Journal of Applied Probability and Statistics	2016
562	Mathematics	Dr. H. D. Arora	On some generalised information measure of fuzzy directed divergence and decision making	International Journal of Computing Science and Mathematics	2016
563	Mathematics	Vijay Kumar, R Sahni, AK Shrivastava	Two-dimensional multi-release software modelling with testing effort, time and two types of imperfect debugging	International Journal of Reliability and Safety	2016

564	Physics	Sanjay Sahare, Ravi Kant Choubey, Gurunath Jadhav, Tejashree M. Bhave, Samrat Mukherjee and Sunil Kumar	"A Comparative Investigation of Optical and Structural Properties of Cu-Doped CdO-Derived Nanostructures"	Journal of Superconductivity & Novel Magnetism	2016
565	Physics	Rohini Kitture, Dnyandeo Pawar, Ch.N. Rao, Ravi Kant Choubey and S. N. Kale	"Nanocomposite modified optical fiber: A room temperature, selective H2S gas sensor: Studies using ZnO- PMMA"	Journal of Alloys and Compounds	2016
566	Physics	Jayant Teotia, Sarvendra Kumar, Surbhi, Rajesh Kumar, M. K. Yadav	"Ultraviolet absorption spectra, solvent effect and Non-linear Optical properties of 2-amino-4, 6- dimethylpyridine by hartee-fock and density functional theory'	"Asian Journal Of Chemistry".	2016
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568	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Enhancement of Electrical Conductivity, Director Relaxation Frequency and Slope of Electro- optical Characteristics in the Composites of Single Walled Carbon Nanotubes and a Strongly Polar Nematic Liquid Crystal	Liquid Crystals	2016
569	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Single Walled Carbon Nanotubes Persuaded Optimization of the Display Parameters of a Room Temperature Liquid Crystal 4-pentyl-4'cyanobiphenyl	Journal of Molecular Liquids	2016
570	Physics	Robin George, Nupur Bahadur, Nahar Singh, Rajni Singh, Abhishek Verma, A.K. Shukla	Environmentally Benign TiO2 Nanomaterials for Removal of Heavy Metal Ions with Interfering Ions Present in Tap Water	Materials Today: Proceedings	2016
571	Physics	Dr G N Pandey-1	Three Dimensional Reflectance Properties of Plasma Dielectric Photonic Crystal	AIP Conference Proceedings	2016
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573	Physics	Dr G N Pandey-1	Three Dimensional Reflectance Properties of Superconductor-Dielectric Photonic Crystal	AIP Conference Proceedings	2016
574	Physics	Pandey R.S., Kaur R.	Analytical study of whistler mode waves in presence of parallel DC electric field for relativistic plasma in the magnetosphere of Uranus	Advances in Space Research	2016
575	Physics	Pandey R.S., Rajbir Kaur, Vineeta Kumari and K.M. Singh	Generation of Whistler Mode Waves by Injection of Cold Electron Beam for Loss-Cone Distribution with AC Electric Field in Magneto-plasma	International Journal of Advanced Research	2016

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577	Physics	Ananda Hota, C. Konar, C. S. Stalin, Sravani Vaddi, Pradeepta K. Mohanty, Pratik Dabhade, Sai Arun Dharmik Bhoga, Megha Rajoria & Sagar Sethi	Tracking Galaxy Evolution Through Low-Frequency Radio Continuum Observations using SKA and Citizen-Science Research using Multi-Wavelength Data	Journal of Astrophysics and Astronomy	2016
578	Physics	P. Kharb, D. V. Lal, V. Singh, J. Bagchi, C. H. Ishwara Chandra, A. Hota, C. Konar, Y. Wadadekar, P. Shastri, M. Das, K. Baliyan, B. B. Nath & M. Pandey-Pommier	From Nearby Low Luminosity AGN to High Redshift Radio Galaxies: Science Interests with Square Kilometre Array	Journal of Astrophysics and Astronomy	2016
579	Physics	Adarsh kumar	Spatio-temporal synoptic variability of aerosol optical depth and cloud properties over the Central North region of India through MODIS collection V satellite sensors	Indian Journal of Physics	2016
580	Physics	M.S. Inpasalini, Ravi Kant Choubey and Samrat Mukherjee	Evidence of Bound Magnetic Polaron-Mediated Weak Ferromagnetism in co-doped SnO2 Nanocrystals: Microstructural, Optical, Hyperfine, and Magnetic Investigations.	Journal of Electronic Materials	2016
581	Physics	Ravi Kant Choubey, Dipti Desai, S. N. Kale and Sunil Kumar	Effect of annealing treatment and deposition temperature on CdS thin films for CIGS solar cells applications.	Journal of Materials Science: Materials in Electronics 27, 7890, (2016).	2016
582	Physics	Aakash, Ravi Kant Choubey, Dipankar Das and Samrat Mukherjee	Effect of doping of manganese ions on the structural and magnetic properties of nickel ferrite"	Journal of Alloys and Compounds 668, 33 (2016).	2016
583	Physics	Dnyandeo Pawar, Ch. N. Rao, Ravi Kant Choubey and S. N. Kale.	Mach-Zehnder interferometric photonic crystal fiber for low acoustic frequency detections	Applied Physics Letters 108, 041912 (2016).	2016
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585	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Study of optical reflectance properties in 1D annular photonic crystal containing double negative (DNG) metamaterials	Physica B	2016

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587	Physics	Deepak Tripathi, Yachna Tyagi and Ashok Kumar	Bernstein wave aided laser third harmonic generation in a plasmas	Physics of Plasmas	2016
588	Physics	Lalita Chauhan, A. K. Shukla and K. Sreenivas	Properties of NiFe2O4 ceramics from powders obtained by auto-combustion synthesis with different fuels	Ceramic International	2016
589	Physics	Rohit Verma, R. Dabrowski, M. Zurowska and Ravindra Dhar	Enhancement of the properties and mesophases stability after the electron beam irradiation on a racemic antiferroelectric liquid crystalline mixture	Liquid Crystals	2016
590	Physics	U. B. Singh, M. B. Pandey, R. Dhar, Rohit Verma & S. Kumar	Effect of dispersion of CdSe quantum dots on phase transition, electrical and electro-optical properties of 4PP4OB	Liquid Crystals	2016
591	Physics	S Chopra	Electronic properties and optical absorption of graphene- polyvinylidene fluoride nanocomposites: A theoretical study	Materials Chemistry and Physics	2016
592	Physics	S Chopra	Study of electronic and optical properties of pure and metal decorated boron nitride nanoribbons (B15N14H14-X): first principle calculations	Molecular Physics	2016
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594	Physics	U.C.Srivastava,M.P Srivastava & S.Gaurav	Phonon Study of Zirconium Oxide (ZrO2) By Using [VTBFS] Model	International Journal of Current Research	2016
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596	Physics	S. Chopra	Excited state analysis of absorption process in metal decorated Graphene nanoribbons	RSC Advances	2016
597	Physics	Rajeev Kumar, Sanjeev K Srivastava and Sanjay Srivastava	A comparative study of transmission mode tunability in linearly graded and without graded defect photonic crystal structure	Journal of Nano engineering and Nano manufacturing,	2016
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599	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Very low probability of detection of TiH2 molecule in a cosmic object	New Astronomy	2016

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601	Chemistry	Deepshikha Gupta, Prabhkeen Kaur	Study of Essential oil of few species with high antioxidant potential	Indo Global Journal of Pharmaceutical Sciences	2015
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604	Chemistry	Mukherjee, M.D., Dhand, C., Dwivedi, N., (...), Tawale, J.S., Malhotra, B.D.	Facile synthesis of 2-dimensional transparent graphene flakes for nucleic acid detection	Sensors and Actuators, B: Chemical	2015
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608	Chemistry	Panda B, Bansal P	Synthesis and Characterization of Low-Cost Electroactive Hybrid Composites Derived from Polyaniline and NiS	International Journal of Polymeric Materials and Polymeric BiomaterialsVolume 64, Issue 7, 2 September 2015, Pages 378-384	2015
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614	Chemistry	Puri P., Mehta R., Rattan S.	Synergistic effects of clay and GNPs on electrical and mechanical properties of PU/GNP/OMMT ternary composite	Journal of Optoelectronics and Advanced Materials	2015
615	Chemistry	Padhy R.R., Shaw R., Tiwari S., Tiwari S.K.	Ultrafine nanocrystalline mesoporous NaY zeolites from fly ash and their suitability for eco-friendly corrosion protection	Journal of Porous Materials	2015
616	Chemistry	Jain S., Bansiwal A., Biniwale R.B., Milmille S., Das S., Tiwari S., Siluvai Antony P.	Enhancing adsorption of nitrate using metal impregnated alumina	Journal of Environmental Chemical Engineering	2015
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618	Mathematics	O Singh, PK Kapur, AK Shrivastava, V Kumar	Release time problem with multiple constraints	International Journal of System Assurance Engineering and Management	2015
619	Mathematics	Darbari, J.D., Agarwal, V., Chaudhary, K., Jha, P.C.	Multi-criteria decision approach for a sustainable reverse logistics network under fuzzy environment	IEOM 2015 - 5th International Conference on Industrial Engineering and Operations Management, Proceeding	2015
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621	Mathematics	Devendra Kumar	Explicit expressions and statistical inference of generalized rayleigh distribution based on lower record values	Mathematical Methods of Statistics	2015
622	Mathematics	Devendra Kumar	Exact moments of generalized order statistics from type II exponentiated log-logistic distribution	Hacettepe Journal of Mathematics and Statistics	2015
623	Mathematics	Shweta Upadhyay	Performance Analysis of a Batch Arrival Retrial Queue with Bernoulli Feedback	Microfluidics and Nanofluidics	2015
624	Mathematics	Shilpi Agarwal	Thermal stability analysis of rotating porous layer with thermal non equilibrium approach utilizing Al2O3-EG Oldroyd-B nanofluid	Nanoconvergence, Springer	2015

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626	Mathematics	Anupam Singh	On Algebraic Study of Type-2 Fuzzy Finite State Automata	International Journal of Machine Learning and Cybernetics	2015
627	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Effect of Pollution on Dynamics of SIR Model with Treatment	International Journal of Biomathematics	2015
628	Mathematics	Mandeep Mittal*, Sarla Pareek and Reshu Agarwal	Loss Profit Estimation Using Temporal Association Rule Mining	International Journal of Business Analytics	2015
629	Mathematics	Renu Chugh, S.K. Sharma and Shashank Goel	Block Sequences and g-Frames	International Journal of Wavelets, Multiresolution and Information Processing	2015
630	Mathematics	Mandeep Mittal*, Sarla Pareek and Reshu Agarwal	EOQ Estimation for Imperfect quality items using Association rule mining with Clustering	Decision Science Letter	2015
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632	Mathematics	P.C.Jha, PrernaManik, KuldeepChaudhary, Riccardo CAMBINI	Optimal Pricing And Promotional Effort Control Policies for A New Product Growth in Segmented Market	Yugoslav Journal of Operations Research	2015
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634	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Some Relations of Eight Order Mock Theta Functions	International Journal of Mathematical Sciences	2015
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637	Mathematics	Anjali Dhiman	Application Of Decision Making Using Generalized Measure Of Fuzzy Directed Divergence	Applied Mathematical Sciences	2015
638	Mathematics	Anjali Dhiman	Comparative study of generalized quantitative-qualitative inaccuracy fuzzy measures for noiseless coding theorem and 1: 1 codes	International Journal of Mathematics and Mathematical Sciences	2015
639	Physics	Pramila Shukla and Ranjana	Radiation Squeezing for M Two- Level Atoms Interacting with a Single Mode Coherent Radiation	CHINESE JOURNAL OF PHYSICS	2015

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645	Physics	Dr Adarsh Kumar	Optical particle sensor based measurement and analysis of atmospheric aerosol number concentration of various sizes over a tropical region of Northern India	Sri Lankan Journal of Physics	2015
646	Physics	Pandey R.S., Kaur R.	Theoretical study of electromagnetic electron cyclotron waves in the presence of AC field in Uranian magnetosphere	New Astronomy	2015
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650	Physics	Adarsh kumar	Aerosols-Cloud Properties in Dynamic Atmosphere over Kedarnath Sub-Himalayan Region of India: A Long Term Study from MODIS Satellite	Nature, Environment & Pollution Technology	2015

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654	Physics	Rohit Verma, R. Dabrowski and R. Dhar	Thermodynamic, electrical and electrooptical features of the racemic mixture of an antiferroelectric liquid crystal suitable for displays	Liquid Crystals	2015
655	Physics	Pawan Kumar, V. K. Tripathi, Ashok Kumar, and X. Shao	Launching focused surface plasmon in circular metallic grating	Journal of Applied Physics	2015
656	Physics	A. Panwar, C. M. Ryu, and A. Kumar	Modulational instability of a laser pulse in a non-uniform plasma channel	Laser and Particle Beams	2015
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658	Physics	Girijesh Pande	Probing on green long persistent Eu2+/Dy3+ doped Sr3SiAl4O11 emerging phosphor for security applications	Journal of Applied Physics	2015
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662	Physics	S. Chopra	Study of electronic, optical absorption and emission in pure and metal decorated Graphene nanoribbons (C29H14-X): First principles calculations	ChemPhysChem	2015
663	Physics	M Upadhyay,S K Awasthi,L Shiveshwari, S N Shukla and S P Ojha.	Two Channel Thermally tunable Band Stop filterfor wavelength selective switching applications by using ID ternary superconductor Photonic Crystal.	Journal of Superconductivity and Novel Magnetism.	2015
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672	Mathematics	Renu Chugh and Shashank Goel	ON FINITE SUM OF G-FRAMES AND NEAR EXACT G-FRAMES	Electronic Journal of Mathematical Analysis and Applications	2014
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674	Mathematics	VB Singh, KK Chaturvedi, Sunil Kumar Khatri, Vijay Kumar	Bug prediction modeling using complexity of code changes	International Journal of System Assurance Engineering and Management	2014
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676	Mathematics	Mandeep Mittal*, Juhi Singh, Amit Aggarwal, Khushboo Kumari and Manan Yadav	Ordering Policy for Imperfect Quality Item sets using Cross selling effects	International Journal of Modeling and Optimization	2014
677	Mathematics	C.K. Jaggi, Mandeep Mittal*, Jyoti Gulia, Pankaj Singh and Ruchi Sharma	Credit financing in economic ordering policies for defective items with order overlapping	International Journal of Modeling and Optimization	2014

678	Mathematics	Shweta Upadhyaya	Performance Analysis of a Batch Arrival Retrial Queue with Bernoulli Feedback	International Journal of Mathematics in Operational Research (Inderscience)	2014
679	Mathematics	Anjali Naithani , Roosel Jain	PROBABILISTIC ANALYSIS OF 3-UNIT BIOMETRIC SYSTEM	AMO – Advanced Modeling and Optimization	2014
680	Mathematics	Anjali Dhiman	Weighted Performance function for (r,s) entropy of Discrete Memoryless Communication Channel under Single constraint	International Journal of Modeling and Optimization	2014
681	Mathematics	Anjali Dhiman	Application of Fuzzy Information measure to Coding Theory	International Journal of Advanced technology in Engineering and Science	2014
682	Mathematics	Priti Gupta, H D Arora, P Tiwari	A Measure of Divergence between Fuzzy Sets with Advancements in Information Theory	International Journal of Computer Applications	2014
683	Mathematics	VIJAY KUMAR, SUNIL KUMAR KHATRI, HITESH DUA, MANISHA SHARMA, PARIDHI MATHUR	An assessment of testing cost with effort-dependent fdp and fcp under learning effect: a genetic algorithm approach	International Journal of Reliability, Quality and Safety Engineering	2014
684	Physics	A. Kumar, D. Dahiya, and V. K. Tripathi	Laser driven electron acceleration in a CNT embedded gas jet target	Laser and Particle Beams	2014
685	Physics	Radheshyam Rai, M. A. Valente, Anoop Kumar Shukla, Seema Sharma and Andrei L. Kholkin	Dielectric and magnetic properties of Ba-, La- and Pb-doped Bi0:8Gd0:1M0:1Fe0:9Ti0:1O3 perovskite ceramics	JOURNAL OF ADVANCED DIELECTRICS	2014
686	Physics	R. K. Choubey, Sunil Kumar and C. W. Lan	“Shallow chemical bath deposition of ZnS buffer layer for environmentally benign solar cell devices”	Advances in Natural Sciences: Nanoscience and Nanotechnology	2014
687	Physics	Dr Adarsh Kumar	Long term (2003-2012) spatio- temporal MODIS (Terra/Aqua level 3) derived climatic variations of aerosol optical depth and cloud properties over a semi arid urban tropical region of Northern India	Atmospheric Environment	2014
688	Physics	Adarsh Kumar	Variations in atmospheric aerosol concentration of various sizes during the total solar eclipse of 22 July 2009 over a semi urban tropical site of Northern India	Indian Journal of Physics	2014
689	Physics	S.K. Parida, V.R.R. Medicherla, D.K. Mishra, V. Solanki, S. Varma, M.K. Sharma, Ratnamala Chatterjee	Magnetic Properties of Cu/Ni Bilayer on Si (100) Surface	Materials Focus	2014
690	Physics	M. Sahni, N. Kumar, S.Singh, A. Jha, S. Chaubey, M. Kumar, M.K. Sharma	Influence of Mn doping on structural, electrical and magnetic properties of (0.90)BiFeO3-(0.10)BaTiO3 composite	J. Mater. Sci.: Mater Electron	2014

691	Physics	Dr Adarsh Kumar	A comparative study on orographic and latitudinal features of global atmospheric electrical parameters over different places at three Asian countries	Indian Journal of Physics	2014
692	Physics	R. K. Choubey, S. Medhekar, R. Kumar, S. Mukherjee and Sunil Kumar	"Study of nonlinear optical properties of organic dye by Z-scan technique using He–Ne laser"	Journal of Materials Science: Materials in Electronics	2014
693	Physics	Anita Jain, Sanjay Panwar, T.W. Kang, H.C. Jeon, Sunil Kumar and R. K. Choubey	"Effect of Zinc Oxide concentration in fluorescent ZnS:Mn/ZnO coreshell nanostructures	Journal of Materials Science: Materials in Electronics	2014
694	Physics	U.C.Srivastava,M.P Srivastava & K.S.Upadhyaya	Lattice dynamical investigation of RBI	Archives of Physics Research	2014
695	Physics	S. Chopra and L. Maidich	Optical properties of pure graphene in various forms: A time dependent density functional theory study	RSC Advances	2014
696	Physics	H. S. Bhatti, Sunil Kumar, Karamjit Singh, Kavita and R. K. Choubey	"Photo-Physical Studies of Pyridine Capped ZnO Nanostructures"	Russian Journal of Physical Chemistry A	2014
697	Physics	Shivani A Kumar	Improving the Teleportation of Superposition of Entangled Coherent States	Physical Science International Journal, Vol 4, Issue 3, 339	2014
698	Physics	Dr G N Pandey-1	Ominidirectional Reflection properties in One Dimensional Superconductor-Dielectric Photonic Crystal	Optik - International Journal for Light and Electron Optics,	2014
699	Physics	Dr G N Pandey-2	Omnidirectional Reflection Band Gap in Single Composite Layer of Negative Index Material	Advances in Physical Science Research	2014
700	Physics	M. Upadhyay, S K Awasthi, S K Mehta Sanjeev K Srivastava, S N Shukla and S P Ojha	A multi-channel omnidirectional tunable filter in one dimensional tilted ternary plasma photonic crystal.	Journal of Intense Pulsed Lasers & Application in Advanced Physics,	2014
701	Physics	Jyoti Katyal	, Localized surface plasmon resonances and refractive index sensitivity of metal-dielectric-metal multilayered nanostructures,	Plasmonic	2014
702	Physics	Sanjeev K Srivastava	Investigation of ultra-wide reflection bands in UV region by using one-dimensional multi quantum well photonic crystal structure.	Progress in Electromagnetic Research	2014
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704	Physics	Pandey R.S., Kaur R.	Study of whistler mode wave by injection of relativistic hot electrons beam in the magnetosphere of Uranus	Progress In Electromagnetics Research M	2014

705	Statistics	B. B. Khare, P. S. Jha, Utkarsh	A Revisit to the Estimation of Population Mean in Presence of Non-Response in Sample Surveys	International Journal of Mathematics & Statistics	2014
706	Chemistry	Deepshikha Gupta	Comparative analysis of spices for their phenolic content, flavonoid content and antioxidant capacity	American International Journal of Research in Formal, Applied & Natural Sciences	2013
707	Chemistry	Prachi Singhal, Sunita Rattan, Devesh Kumar Avasthi & Ambuj Tripathi	Modification of PMMA/graphite nanocomposites through ion beam technique	Radiation Effects and Defects in Solids: Incorporating Plasma Science and Plasma Technology	2013
708	Chemistry	Sunita Rattan, Prachi Singhal, A.L. Verma	Synthesis of PEDOT:PSS (Poly(3,4ethylenedioxythiophene)/poly(4-styrene sulfonate))/ NGPs (Nanographitic Platelets) Nanocomposites as Chemiresistive Sensors for Detection of Nitroaromatics	Polymer Engineering Sciences	2013
709	Chemistry	Puri, J.K.; Kaur,H.;Anita Gupta (nee Singla)	Novel Organostannanes with assorted drugs	Phosphorus, Sulfur,and Silicon and the related Elements	2013
710	Chemistry	Puri, J.K.; Kaur,H.;Anita Gupta (nee Singla), Kapila, A.	Synthesis and Characterization of some new di- and tri-organotin complexes of Schiff base	Main Group Metal Chemistry	2013
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712	Chemistry	Ambily P Nair, J Christine;	Spectrophotometric determination of Cu(II) and Ni(II) using 4 phenyl-3-thiosemicarbazone of 2-hydroxy-4-propoxy-5-bromoacetophenone (HnPBAPT) as analytical reagent.	American International Journal of Research in Formal, Applied and Natural Sciences.	2013
713	Chemistry	Rattan S., Sehgal T.	Stimuli-responsive membranes through graftcopolymerization of acrylic acid (aac) onto polycarbonate track etched (PCTE) membrane	Advanced Materials Letters	2013
714	Mathematics	P.K.Kapur,Hoang Pham,Udayan Chanda,Vijay Kumar	Optimal allocation of testing effort during testing and debugging phases: a control theoretic approach	International Journal of Systems Science	2013
715	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Certain Transformation Formulae for Bilateral Basic Hypergeometric Series	Journal of Ramanujan Society of Mathematics and Mathematical Sciences	2013
716	Mathematics	Shweta Upadhyaya	Admission Control of Bulk Retrial Queue under Bernoulli Vacation Schedule	International Journal of Emerging Technologies in Computational and Applied Science (IASIR)	2013

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718	Mathematics	C. K. Jaggi*, S. K. Goel and Mandeep Mittal	Credit financing in economic ordering policies for imperfect quality items with allowable shortages	Applied Mathematics and Computation	2013
719	Mathematics	C. K. Jaggi*, Mandeep Mittal and Aditi Khanna	Effects of inspection on retailer's ordering policy for deteriorating items with time-dependent demand under inflationary conditions	International Journal of Systems and Science	2013
720	Mathematics	KuldeepChaudhary, Yogender Singh, P. C. Jha,	Optimal Control Policy of a Production and Inventory System for multi-Product in Segmented Market	Ratio Mathematica	2013
721	Mathematics	Yogender Singh, PrernaManik, KuldeepChaudhary	Optimal Production Policy for Multi-Product with Inventory-Level-Dependent Demand in Segmented Market	Yugoslav Journal of Operations Research	2013
722	Mathematics	Yogender Singh, KuldeepChaudhary, P. C. Jha	Optimal Advertising and Pricing Policies of Successive Generations of Product in Segmented Market	Int. J. Computational Intelligence Studies	2013
723	Mathematics	PrernaManik, KuldeepChaudhary, Yogender Singh, P. C. Jha	Optimal Promotion Effort Control Policy for Segment Specific New Product Growth	Advances in Intelligent and Soft Computing	2013
724	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Cost Benefit Analysis of a 2-Out-of-3 Induced Draft Fans System with Priority for Operation to Cold Standby over Working at Reduced Capacity	Advanced Modeling and optimization	2013
725	Mathematics	Anjali Dhiman	Monotonic Behaviour of some new Generalized fuzzy Information Measures & Its Essential Properties	International Journal of Mathematical archive (IJMA)	2013
726	Physics	Sunil Kumar, T.W. Kang, P. Yousaf Khan, Sanjeev Kumar, Manju Goyal and Ravi Kant Choubey	"Study of electroless template synthesized ZnSe nanowires and its characterization"	Journal of Materials Science: Materials in Electronics	2013
727	Physics	Dr G N Pandey-1	Ominidirectional Reflection Band in One Dimensional Plasma Photonic Crystal.	Optik - International Journal for Light and Electron Optics	2013
728	Physics	Dr G N Pandey-1	Band Structure, Group velocity, Effective group index and Effective phase index of one Dimensional Plasma Photonic Crystal	Optik - International Journal for Light and Electron Optics	2013
729	Physics	Dr G N Pandey-3	Formation of Gap Soliton in Negative Kerr Nonlinear One Dimensional Photonic Crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania)	2013
730	Physics	A. Panwar, C. M. Ryu and A. Kumar	Effect of Plasma Channel Non-Uniformity on Resonant Third Harmonic Generation	Laser and Particle Beams	2013

731	Physics	Adarsh Kumar	Variations of aerosol optical depth and cloud parameters over North Eastern regions of India retrieved from MODIS satellite data	Journal of Atmospheric & Solar Terrestrial Physics	2013
732	Physics	Pramila Shukla and Ranjana Prakash	Ordinary and amplitude squared squeezing in four wave mixing process	Modern Physics Letters B	2013
733	Physics	A. Kumar	Ponderomotive Self Focusing of Surface Plasma Wave	Plasmonics	2013
734	Physics	Homdutt Sharma/V.K.Jain/Z.H.Khan	4. Use of Constant Wavelength Synchronous Spectrofluorimetry for Identification of Polycyclic Aromatic Hydrocarbons in Air Particulate Samples.	Spectrochimica Acta Part A	2013
735	Physics	S. Medhekar, R. Kumar, S. Mukherjee and R. K. Choubey	"Study of Nonlinear Refraction of Organic Dye by Z-scan Technique Using He–Ne Laser"	AIP Conference Proceedings	2013
736	Physics	Indrajit Kumar, Amiya Priyam and Ravi Kant Choubey	"Degree of Supersaturation: an Effective Tool to Control the Luminescence Efficiency and Size Distribution in CdTe Quantum Dots"	AIP Conference Proceedings	2013
737	Physics	Dr G N Pandey-4	Optics of Magnetic Photonic Crystals with Mu-Negative Materials	AIP Conference Proceedings	2013
738	Physics	Pandey R.S., Kaur R.	Study of low frequency emission by injection of hot electron beam in the magnetosphere of Uranus	AIP Conference Proceedings	2013
739	Physics	R S Pandey, Rajbir Kaur and U C Srivastava	Whistler mode wave by cold plasma injection for relativistic generalized loss-cone distribution function in the Magnetosphere of Uranus	International Journal of Advanced Research	2013
740	Physics	u c srivastava	Debye Temperature Variation in Thallium Fluoride (TlF)	Archives of Applied Science Research	2013
741	Physics	u c srivastava	Study of cohesive energy for KX(X=F, Cl, Br,I)crystal Structure	Opt.elect. & Adv. Materials,Rapid Communications(OAM-RC)	2013
742	Physics	Shivani A Kumar and Vasudha Pande	Branching of Measurement Results for Swapping between Two Nonorthogonal Entangled Coherent States	World Journal of Science and Technology Research,	2013
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744	Physics	Dr G N Pandey 1	Materials Photonic Band Gap in Heterostructure	International Review of Applied Engineering. Research	2013
745	Physics	Sanjeev K Srivastava	Study of defect modes in one-dimensional photonic crystal structure containing high and low Tc superconductor as a defect layers.	Journal of Superconductivity and Novel Magnetism	2013

746	Physics	Jyoti Katyal	Size and shape dependent plasmonic properties of aluminium nanoparticles for nanosensing applications	J of Modern Optics	2013
747	Physics	Dr G N Pandey-1	Dispersion Relation of Defect Structure Containing Negative Index Materials	International Journal of Advances in Electronic and Electronic Engineering	2013
748	Physics	Dr G N Pandey-1	Frequency Dependence Effective Refractive Index of Meta–Materials by Effective Medium Theory	International Journal of Advances in Electronic and Electronic Engineering	2013
749	Statistics	B. B. Khare, Habib Ur Rehman, P. S. Jha, Utkarsh	Chain Type Estimators for Population Parameters Using Auxiliary Variables and Additional Auxiliary Variables	Journal of National Academy of Mathematics, India	2013
750	Chemistry	Rattan S., Sehgal T.	Stimuli-responsive membranes through peroxidation radiation- induced grafting of 2-hydroxyethyl methacrylate (2-HEMA) onto isotactic polypropylene film (IPP)	Journal of Radioanalytical and Nuclear Chemistry	2012
751	Mathematics	Bhupender Parashar, Anjali NAithani, P. K. Bhatia	Analysis of a 3-Unit Induced Draft Fan System with One Warm Standby	International Journal of Engineering Science and Technology (IJEST)	2012
752	Mathematics	PK Kapur, H Pham, V Kumar, A Anand	Dynamic optimal control model for profit maximization of software product under the influence of promotional effort	Journal of High Technology Management Research	2012
753	Mathematics	Yogender Singh, KuldeepChaudhary, P. C. Jha	Optimal Control Policy for Advertising and Pricing of Two Generation Durable Product in Segmented Market	In Proceedings of the 2012 IEOM, Istanbul, Turkey	2012
754	Mathematics	C. K. Jaggi*, Anuj Sharma and Mandeep Mittal	A fuzzy inventory model for deteriorating items with initial inspection and allowable shortage under the condition of permissible delay in payment", International Journal of Inventory Control and Management	International Journal of Inventory Control and Management	2012
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756	Mathematics	KuldeepChaudhary, P.C.Jha	Optimal testing effort control for modular software system incorporating the concept of independent and dependent faults: A Control Theoretic Approach	International Journal of Optimization and Control: Theories & Applications	2012
757	Mathematics	P.C. Jha, KuldeepChaudhary	Optimal Advertising Control Policy for a New Product with Dynamic Potential Adopter Population in Segmented Market	Journal of Statistics & Management Systems	2012

758	Mathematics	P.K.Kapur, KuldeepChaudhary, Anu G. Aggarwal,P.C.Jha	On the Development of Innovation Diffusion Model Using Stochastic Differential Equation Incorporating Change in the Adoption Rate	International Journal of Operational Research	2012
759	Mathematics	KuldeepChaudhary, PrernaManik, Shivanibali	Dynamic Testing Resource Allocation of Modular Software System for SRGM Incorporating Testing Efficiency Using Differential Evolution	Advances in Intelligent and Soft Computing	2012
760	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Reliability Modelling Of A 3-Unit (Induced Draft Fan) Cold Standby System Working At Full/Reduced Capacity	International Journal of Mathematical Archive	2012
761	Mathematics	Priti Gupta, Abhishek, H D Arora	Generalized Noiseless Coding Theorem and Block Coding	International Journal of Applied Mathematics	2012
762	Physics	Shivani A Kumar	Almost Perfect Teleportation of Entangled Coherent States	International Conference on Fibre Optics and Photonics	2012
763	Physics	Ashok Kumar	Terahertz Generation by Nonlinear Mixing of Laser and its Second Harmonic in a Rippled Density Plasma	Applied Physics B: Laser and Optics	2012
764	Physics	D.K. Mishra, J. Mohapatra, M.K. Sharma, Ratnamala Chatterjee, S.K. Singh, S. Verma, S.N. Behera, S.K. Nayak, P. Entel	Carbon doped ZnO: Synthesis, characterization and interpretation	Journal of Magnetism and Magnetic Materials	2012
765	Physics	A. Panwar, A. Kumar and C. M. Ryu	Stimulated Raman Forward Scattering of a Laser in a Pre-Formed Plasma Channel	Laser and Particle Beams	2012
766	Physics	A. Kumar	Effect of Nonlinear Absorption on	Physics of Plasmas	2012
767			Self-Focusing of Short Laser Pulse in a Plasma		
768	Physics	Wei Tse Hsu, Zhi Bin Chen, Chien Cheng Wu, Ravi Kant Choubey and Chung Wen Lan	"Optical properties of Mg, Fe co- doped near-stoichiometric lithium tantalate single crystals"	Materials	2012
769	Physics	C.C. Wu, Z.B. Chen, R. K. Choubey, C. W. Lan	On the study of zinc doping in congruent LiTaO3 crystals	Materials Chemistry and Physics	2012
770	Physics	Deepti Saxena, R Yadav, and Adarsh Kumar	Orographic features of global atmospheric electrical parameters over different places of Sri Lanka	Sri Lankan Journal of Physics	2012
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772	Physics	u c srivastava	Comparative study of potassium halides Parameters by using many body model & van der Waals three body force shell model [VTBFSM]	British J of applied science and technology, (change Name) Current Journal of Applied Science and Technology	2012
773	Physics	Karamjit Singh, H. S. Bhatti, K. V. Baiju, S. Shukla, Sunil Kumar, R. K. Choubey	"Study of size dependent photo-induced exciton life-time and photocatalytic activity of nanocrystalline CdZnS"	Advanced Science Letters	2012
774	Physics	Shivani A Kumar H. Prakash, N. Chandra and R. Prakash	Teleportation of Superposition of Coherent States Using 4-Partite States and Effect of Decoherence on Fidelity	Journal of Quantum Information Science,	2012
775	Physics	Ranjana Prakash and Pramila Shukla	Detection of Sum and Difference squeezing	IOSR-Journal of Applied Physics	2012
776	Physics	Sanjeev K Srivastava , M. Upadyay, S K Awasthi and S P Ojha	Tunable reflection bands and defect modes in one-dimensional tilted photonic crystal structure.	Optics and Photonics Journal,	2012
777	Physics	M. Upadyay, S K Awasthi, Sanjeev K Srivastava and S P Ojha	Infrared omnidirectional reflection mirror based on one-dimensional birefringent-dielectric photonic crystal	Progress in Electromagnetic Research (PIER M)	2012
778	Physics	Sanjeev K Srivastava and S K Awasthi	Broadening of photonic band gap in one-dimensional superconductor star waveguide structure	Journal of Superconductivity and Novel Magnetism	2012
779	Physics	Pandey R.S., Kaur R.	Generation of low frequency electromagnetic wave by injection of cold electron for relativistic and non-relativistic subtracted bi- Maxwellian distribution with perpendicular AC electric field for magnetosphere of uranus	Progress In Electromagnetics Research B	2012
780	Physics	Tyagi R.K., Pandey	Surface coating by means of velocity	Theoretical	2012
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782	Physics	Tyagi R.K., Srivastava K.K., Pandey R.S.	Non-traditional machining processes by means of velocity shear instability in plasma	Surface Engineering and Applied Electrochemistry	2012
783	Chemistry	Deepshikha Gupta and Ritu Mathur	Phytochemistry of “Kushtanashini : A Review	ISST Journal of Applied Chemistry	2011
784	Chemistry	Sangal, A.	Role of cinnamon as beneficial antidiabetic food adjunct: a review	Advances in Applied Science Research	2011
785	Chemistry	Ravin Jugade, Christine Jeyaseelan, A P Joshi;	Trace determination of Azathioprine by differential pulse polarography.	International Journal of Pharmaceutical Sciences Review and Research,	2011
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788	Mathematics	Yogender Singh, KuldeepChaudhary, P.C. Jha	Optimal Production Policy of Production System with Inventory- level-dependent demand in Segmented Market	In Proceeding of the 2011 IEEE IEEM, Singapore	2011
789	Mathematics	KuldeepChaudhary, Shivani Bali, P. C. Jha	Dynamic Testing Resource Allocation of Modular Software System for Flexible SRGM Incorporating Testing Efficiency	In Proceeding of the International Congress on Productivity, Quality, Reliability, optimization and modeling(ICPQROM),	2011
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796	Mathematics	Priti Gupta, H D arora	On best 1:1 codes for generalized quantitative-qualitative measure of inaccuracy	African Journal of Mathematics and Computer Sciences	2011
797	Mathematics	H D Arora	Computation of Weighted Error Bounds of order a with Preferences	International Journal of Applied Systemic Studies	2011
798	Physics	Adarsh Kumar, Deepti Saxena, R Yadav, and J Rai	Measurement of atmospheric aerosols during monsoon period at Roorkee	Atmospheric Science Letters	2011

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800	Physics	Y. S. Lo, R. K. Choubey, W.C. Yu, W. T. Hsu, C.W. Lan	"Shallow bath chemical deposition of CdS thin film"	Thin Solid films	2011
801	Physics	Dr G N Pandey-1	Existence of Negative Dispersion and Band Gap on Helically Inner Cladded Annular Circular Waveguide	Optik - International Journal for Light and Electron Optics	2011
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804	Physics	A. K. Shukla, V. K. Agrawal, I. M. L. Das, Janardan Singh and S. L. Srivastava.	Dielectric response of PLZT ceramics x/57/43 across ferroelectric – paraelectric phase transition	Bulletin of Material Science	2011
805	Physics	R.S.Pandey, U.C.Srivastava ,A.K.Chaubey and K.M.Singh	Velocity shear ion-cyclotron higher harmonics instability in the presence of perpendicular AC electric field	British journal of Applied Science & Technology(change Name)Current Journal of Applied Science and Technology	2011
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807	Physics	u c srivastava	Harmonic dynamic of Potassium halides (KF, KCl, KBr and KI)	Archives of Physics	2011
808	Physics	Ashish Mishra, S K Awasthi, Sanjeev K Srivastava, Usha Malviya and S.P Ojha	Tunable and omnidirectional filters based on one-dimensional photonic crystals composed of single negative materials	J. of Optical Society of America B (JOSA B),	2011
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810	Chemistry	Ambily P Nair, J Christine;	2-Hydroxy-4-propoxy-5-bromoacetophenone oxime (HnPBAO) as a gravimetric Reagent for Ni(II) and Cu(II) and Spectrophotometric Study of the Complexes.	Der Chimica Sinica,	2010
811	Chemistry	Saxena M., Tiwari S., Dhimole L.	Comparative characteristics of paints developed from fly ash, copper tailings and blue dust	Land Contamination and Reclamation	2010

812	Chemistry	Sehga T., Rattan S.	Graft-copolymerization of N-vinyl-2-pyrrolidone onto isotactic polypropylene film by gamma radiation using peroxidation method	Indian Journal of Pure and Applied Physics	2010
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815	Chemistry	Sehgal T., Rattan S.	Synthesis, characterization and swelling characteristics of graft copolymerized isotactic polypropylene film	International Journal of Polymer Science	2010
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817	Physics	C.C. Wu, W.T. Hsu, Z.B. Chen, R. K. Choubey and C.W. Lan	"Crystal Growth, VTE Treatment, and Characterizations of Nd-doped LiTaO3"	Journal of Crystal Growth	2010
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