

AMITY INSTITUTE OF BIOTECHNOLOGY

SN	Order of Authors as appearing in the paper	Title of the Paper	Journal Name	Level (National / International)	Year of Publication	Impact factor
1	Akshara Shukla,Rohitash Jamwal,Kumud Bala	ADVERSE EFFECT OF COMBINED ORAL CONTRACEPTIVE PILLS	Asian Journal of Pharmaceutical and Clinical Research	International	2017	0.48
2	SHIPRA JHA1*, S.N DIKSHIT2	ALTERNATIVE CULTURE MEDIA FOR FUNGAL GROWTH USING DIFFERENT FORMULATION OF PLANT MATERIAL	International Journal of Pharma and Bio Sciences	National	2017	0.35
3	Sunishtha S.B. Yadav & D. Parmar	Head & neck cancer pharmacogenetics: case control study on 5- fluorouracil and cisplatin adjuvant treatment outcome.	Annals of Oncology	International	2017	9.269
4	Vandana Chauhan, Maansi Vermani, Anchan Gupta	Assessment of Bacteriological Contamination in Food Outlets, Noida, India	ASIAN JOURNAL OF MICROBIOLOGY, BIOTECHNOLOGY AND ENVIRONMENTAL SCIENCE	International	2017	
5	Anil Barnwal	Using Power of Java for Implementation of Real Time System	International Conference on Computing for Sustainable Global development-Indiacom 2017	International	2017	_
6	Anil Barnwal	Implementation of Index in SQL to transform the Searching of Protein Records in Rapid and Efficient manner	International Conference on Computing for Sustainable Global development-Indiacom 2017	International	2017	_
7	Anil Barnwal	Implementation of SQL Index in Genetic Disorder Database in Rapid and Efficient Search of Record	International Conference on Computing for Sustainable Global development-Indiacom 2017	International	2017	_

8	Anil Barnwal	Effective Management of Distributive Cloud computing System for Scientific Applications	International Conference on Cloud Computing, Data Science & Engineering-Confluence	International	2017	-
9	K. Mehrotra, Deepak ganjewala	Differential Thermal Analysis and physico-chemical properties of rubidium soaps in alkanols	World journal of pharmaceutical research	International	2017	7.523
10	Shipra Jha, SN Dikshit	Alternative culture media for fungal growth using different formulation of plant material	International Journal of Pharma and Bio Sciences.		2017	
11		Effects of Vehicular Exhaust on biochemical constituents of leaves of roadside vegetation	International Journal of Pharma and Bio Sciences.		2017	
12	Anil Barnwal, Asit Dwivedi, Rajesh Jangade and Satyakam Pugla	Effective Management of Security of Risk in Cloud computing Environment	International Journal of Concept Theory and Applications	International	2017	
13	Neetu Jabalia, P.C. Mishra, Nidhee Chaudhary	Inhibition kinetics and biochemical studies of thermostable protease isolated from Zingiber officinale rhizome	Bioscience, Biotechnology, and Biochemistry	International	2017	1.176
14	Kanagarethina m S, Pooja Mahapatra, Neetu Jabalia, Nidhee Chaudhary	Protein Tyrosine Phosphatase-Prospective Target against Cancer: A Mini Review	Cancer Surgery	International	2017	

15	Akansha Sharma, Anoushka Kotra, Shivam Sharma, Apoorva Sharma, Neetu Jabalia, Nidhee Chaudhary	<i>In-silico</i> analysis of cysteine protease sequences using data mining and phylogenetic analysis	Proceedings of the 11 th INDIACom; IEEE Conference ID: 403532017 4 th International Conference on “Computing for Sustainable Global Development”, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India (March 01-03, 2017).	International	2017	
16	Ayushi, Ankur Saxena	Execution of Big Data using Map Reduce Technique and HQL	IEEE	International	2017	
17	Neeraj Kaushik, Ankur Chaurasia, Ankur Saxena, Nidhi Kaushik	Secure Electronic Transactions using Digital Signature Algorithm	IEEE	International	2017	
18	Diksha Kaul, Abbas Arya, Ankur Saxena	Optimisation of Garbage Collection in Java	IEEE	International	2017	
19	Sipra Jain, Ankur Saxena	Integration of Spring in Hadoop for Data Processing	IEEE	International	2017	

20	Kiran Yesugade, Vedika Bangre, Nidhi Koul, Shambhavi Sinha, Supriti Kak, Ankur Saxena	Analyzing Human Behaviour using Data Analytics in Booking a Type Hotel	IEEE	International	2017	
21	Bhardwaj R, Bhardwaj A, Tandon C, Dhawan DK, Bijarnia RK, Kaur T	Implication of hyperoxaluria on osteopontin and ER stress mediated apoptosis in renal tissue of rats.	Experimental and Molecular Pathology	International	2017	2.638
22	Dr. Vinit Kumar	When will small molecule lactate dehydrogenase inhibitors realize their potential in the cancer clinic	Future Medicinal Chemistry	International	2017	3.556

23	Nolte IM, Munoz ML, Tragante V, Amare AT, Jansen R, Vaez A, von der Heyde B, Avery CL, Bis JC, Dierckx B, van Dongen J, Gogarten SM, Goyette P, Hernesniemi J, Huikari V, Hwang SJ, Jaju D, Kerr KF, Kluttig A, Krijthe BP, Kumar J, van der Laan SW, Lyytikäinen LP, Maihofer AX, Minassian A, van der Most PJ, Müller	Genetic loci associated with heart rate variability and their effects on cardiac disease risk	Nature Communicatio ns	International	2017	12.12
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24	Nathan Nakatsuka, Priya Moorjani, Niraj Rai, Biswanath Sarkar, Arti Tandon, Nick Patterson, Gandham SriLakshmi Bhavani, Katta Mohan Girisha , Mohammed S Mustak, Sudha Srinivasan , Amit Kaushik, Saadi Abdul Vahab, Sujatha M Jagadeesh, Kapaettu Satyamoorthy, Lalji Singh	The promise of discovering population-specific disease-associated genes in South Asia (2017)	Nature Genetics 1-9.	International	2017	31.95
25	Xiao-li Li, Thomas Kiran M, Ling Tao, Rong Li, Archana Tiwari, Gu Li	Optimization of growth conditions and fatty acid analysis for three freshwater diatom isolates.	Phycological Research	International	2017	1.338
26	Naira Rashid, Charu Thapliyal and Pratima Chaudhuri(Chattopadhyay)	Osmolyte induced enhancement of expression and solubility of human dihydrofolate reductase: An in vivo study	International Journal of Biological Macromolecules (Elsevier)	International	2017	3.67

27	Pratima Chaudhuri, Naira Rashid, Charu Thapliyal	Osmolyte System and its biological significance	Cellular Osmolytes (From Chaperoning Protein Folding to Clinical Perspectives) (First Chapter)	International	2017	-
28	Meenal Rastogi and Smriti Shrivastava	Recent advances in second generation bioethanol production: An insight to pretreatment, saccharification and fermentation processes	Renewable and sustainable energy reviews	International	2017	6.792
29		Pattern of Carbapeneme resistance among Bacterial population in various water bodies	Int J Pharma Bio Sci	International	2017	Impact Factor : 6.268 (SJIF)
30		Hospital acquired urinary tract infection: An epidemiological study carried out in a tertiary care hospital of north east India	Int. J. Life. Sci. Scienti. Res		2017	
31	3	Therapeutic potential of FGF-21 in diabetes	Jornal of Medicinal Plants Studies	International	2017	5.69
32	1st	Various Security Threats and their Solutions in Cloud Computing		International	2017	

33	Susmita Shukla	Influence of Subculturing on Calotropis procera (Willd.) R. Br. for Enhanced Shoot Proliferation: An in vitro Source of Secondary Metabolites	INTERNATIONAL JOURNAL OF TROPICAL AGRICULTURE	International	2017	2.6(N AAS Rating)
34	Taramla Raman and Susmita Shukla	“Olea europaea L.: A MULTIPURPOSE TREE AND SOLUTIONS TO MEET DEMAND.”	Asian Journal of Microbiology and Biotechnology	International	2017	Stiil computing
35	Susmita Shukla	Influence of Subculturing on Calotropis procera (Willd.) R. Br. for Enhanced Shoot Proliferation: An in vitro Source of Secondary Metabolites	INTERNATIONAL JOURNAL OF TROPICAL AGRICULTURE	International	2017	2.6(N AAS Rating)
36	Taramla Raman and Susmita Shukla	“Olea europaea L.: A MULTIPURPOSE TREE AND SOLUTIONS TO MEET DEMAND.”	Asian Journal of Microbiology and Biotechnology	International	2017	Stiil computing
37	satyapal singh saroha,k mehrotra and deepak ganjewala	Investigation of colorimetric and differential thermal analysis of rubidium soaps	International journal of chemical and pharmaceutical sciences	International	2017	o.684, I CV4.0 1

38	Krishna N Tripathy, Devalina Ray, Ravi P. Singh	Pd-Catalyzed regioselective intramolecular dehydrogenative C-5 cross coupling in an <i>N</i> -substituted pyrrole-azole system	Organic and Biomolecular Chemistry	International	2017	3.56
39	1st.	Banana Tissue Culture in India; Status, Opportunities and Challenges.	Trends in Biosciences	International	2017	
40	Shrishty Bakshi, Harsimran Singh Bindra, Kritika Pandey, Debarati Paul and Ranu Nayak	Highly Stable Superhydrophilic Surface Modification of PDMS Sponge for Potential Applications in Microfluidic Devices and Cell Immobilization	IEEE	national	2017	NA
41	Abhishek Saxena, Neeta Bhagat, Satish Kumar, Lovnish Siyal, Benu Kumar and Rachana Sahney	Alginate based nanoparticles as a carrier matrix for the delivery of calixarene derivative as pharmaceutical compound.	Int J Pharma Bio Sci	international	2017	0.274
42	Anwasha Khanra (1) Sujata Sangam (1) Adeeba Shakeel (1) Deepa Suhag (1) Shubhradeep Mistry (2) Dr Monika Prakash Rai*, Dr Sabdeep Chakraborty*, Dr Monalisa Mukherjee*	Sustainable growth and lipid production from <i>Chlorella pyrenoidosa</i> by using N-doped carbon nano sheet: unravelling the role of graphitic nitrogen	ACS Sustainable chemistry and engineering	International	2017	5.951(I SI)
43						

44	Anwasha Khanra (1) Shrasti Vashistha (2) Monika Prakash Rai *	Glycerol on Lipid Enhancement and FAME Characterization in Algae for Raw Material of Biodiesel	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH	International	2017	0.489 (ISI) 0.296 (SJR)
45	Nikunj Sharma (1), Anwasha Khanra(2), Monika Prakash Rai*	Potential applications of antioxidants from algae in human health	Springer Nature Singapore Pte Ltd. 2017	International	2017	
46	Charu Thapliyalab, Neha Jainb, Naira Rashida, Pratima Chaudhuri (Chattopadhyay)a,*	Kinetics and thermodynamics of the thermal inactivation and chapter one assisted folding of zebrafish dihydrofolate reductase	Archives of Biochemistry and Biophysics	International	2017	3.165
47	Sakshi Gandotra, Pinky Mony Bhuyan, Dip kumar Gogoi, Archna Kumar and S. Subramanian	Screening of nutritionally important gut bacteria from the lepidopteran insects through qualitative enzyme assays	Proceeding of National Academy of biological Sciences	National	2016	
48	Susmita Shukla and Bulbul Tyagi	Comparitive Phytochemical Screening and Analysis of Different Vigna Species in Organic Solvents	Austin Journal of Biotechnology and Bioengineering	International	2017	No
49	Kanagarethina m, Pooja Mahapatra, Nidhee Chaudhary	Anomalistic Implications of Protein Tyrosine Phosphatases: Need of Small Molecule Inhibitors Targeting PTPs in Human Diseases.	Journal of Proteins and Proteomics	International	2017	

50	Neetu Jabalia, Kanaga Rethinam, P.C. Mishra, Nidhee Chaudhary	Biochemical characterization of protease from <i>Zingiber officinale</i> rhizome by using neural networking approach.	International Journal of Pharmaceutical Sciences and Research	International	2017	1.83
51	Pooja Mahapatra, Kanagarethina m, Nidhee Chaudhary	Culinary Spices and Herbs as Potential Source of Thermostable Superoxide Dismutase: A Therapeutically Significant Enzyme.	Journal of Proteins and Proteomics	International	2017	
52	Akansha Sharma, Anoushka Kotra, Shivam Sharma, Apoorva Sharma, Neetu Jabalia, Nidhee Chaudhary	<i>In-silico</i> analysis of cysteine protease sequences using data mining and phylogenetic analysis	Proceedings of the 11 th INDIACom; IEEE Conference ID: 403532017 4 th International Conference on “Computing for Sustainable Global Development”, BVICAM, New Delhi, India (March 01-03, 2017)	International	2017	
53	Ishwar chandra, K.K. Bandyopadhyay, Sushovon Sen	Decolourisation of Distillery Spent Wash on the background of various Bio-remedion strategies: A Review	International Journal of Innovative Research in Science, Engineering and technology	International	2018	7.089
54	Bhatnagar S, Soni A, Kaushik S, Rikhi M, Santhoshkum ar TR, Jayaram B.	Nonsteroidal estrogen receptor isoform- selective biphenyls	Chemical biology and drug design	International	2018	2.6

55	UDAI PRATAP SINGH1 , SURABHI SINGH1 , RAJENDRA KUMAR2 & ARCHNA KUMAR	Study on foraging response of Trichogrammatids governed by volatile cues	Tropical Ecology	national	2017	
56	Umami Ammarah, Amit Kumar, Rajesh Pal, Naresh Bal, Gauri Misra* corresponding author	Identification of new inhibitors against human Great wall kinase using in silico approaches	Nature Scientific Reports	International	2018	4.259
57	Jaya Verma, Surbhi Sinha, Subhasha Nigam, Arpita Bhattacharya	Development of polyurethane based anti-scratch and anti-algal coating formulation with silica-titania core-shell nanoparticles	Vacuum	International	2018	1.5
58	Reshma Rani, Vinit Kumar, F. Rizzolio	Fluorescent Carbon Nanoparticles in Medicine for Cancer Therapy: An Update	<i>ACS Medicinal Chemistry letter</i>	International	2018	3.746
59	Ankur Saxena, Neeraj Kaushik, Ankur Chaurasia, Asit Dwivedi, Nidhi Kaushik	Modern Approach of Blowfish Algorithm Using Hybrid Cloud	IEEE	International	2018	-
60	Ankur Saxena, Neeraj Kaushik, Ankur Chaurasia, Asit Dwivedi, Nidhi Kaushik	Modern Approach of Blowfish Algorithm Using Hybrid Cloud	IEEE	International	2018	-
61	Shivani Chandra. Alka Grover, Shalini Jauhari, Piyush Garg	Genomics Big Data Analytics using Cloud Computing	IEEE	International	2018	-
62	. Alka Grover, Shivani Chandra , Bidhan Chandra Das	Specific Detection for Ralstonia solanacearum using genome sequence	IEEE	International	2018	-
63	Dr. Rajeev Kumar	Enhancing the Practices of Tissue Culture Banana among Marginal Farmers of Bihar	International Journal of Advances in Agricultural Science and Technology	National	2018	

64	Dr satya pal singh saroha, Prof. K.M ehrotra and Dr Deepak Ganjewala	KINETICS OF DECOMPOSITION AND OPTICAL OF RUBIDIUM SOAPS	WORLD JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH	International	2018	4.639
65	Asit Dwivedi, Deepak Kumar	Fault Dependency SRGM with Testing Effort using Learning Function	International Journal of Management Concepts and Philosophy	International	2018	
66	Rajesh jagade, Aksara Sharma, Eshita Joshi, Satayakam Pugla, Anil Barnwal	Implementation of Index in SQL to transform the searching process of nucleic acid database	Proceedings of the 12th INDIACOM; INDIACOM-2018; IEEE Conference ID: 42835	International	2018	
67	Ankur Saxena, Neeraj Kaushik, Ankur Chaurasia	Modern Approach of Blowfish Algorithm Using Hybrid Cloud	Proceedings of the 12th INDIACOM; INDIACOM-2018; IEEE Conference ID: 42835	International	2018	
68	Pragati Awasthi and Smriti Shrivastava	Screening and Identification of Thermophilic Glycosyl Hydrolases Producing Microorganisms	Journal of Biotechnology and BioResearch	International	2018	
69	corresponding	Molecular insights into development and virulence determinants of Aspergilli: A proteomic perspective	Frontiers in cellular and molecular infections	International	2018	4.3
70	Priyanka Narad, Lakshay Anand, Romasha Gupta, Abhishek Sengupta	Construction of Discrete Model of Human Pluripotency in Predicting Lineage-Specific Outcomes and Targeted Knockdowns of Essential Genes.	Scientific Reports	International	2018	4.112

71	Priyanka Narad, Lakshay Anand, Romasha Gupta, Abhish ek Sengupta	Construction of Discrete Model of Human Pluripotency in Predicting Lineage-Specific Outcomes and Targeted Knockdowns of Essential Genes.	Scientific Reports	International	2018	4.112
72	Amisha Mittal, Simran Tandon, Surender Kumar Singla, Chanderdeep Tandon	Modulation of lithiatic injury to renal epithelial cells by aqueous extract of Terminalia arjuna	Journal of Herbal Medicine	International	2018	1.685
73	Shifa Narula, Chanderdeep Tandon, Simran Tandon	Role of Matrix Metalloproteinases in Degenerative Kidney Disorders	Current Medicinal Chemistry	International	2018	3.249
74	Rishi Bhardwaj, Ankita Bhardwaj, Chanderdeep Tandon, Devinder Dhawan, Tanzeer Kaur	Impact of hyperoxaluria on Tamm Horsfall protein expression and Structural aberrations in rats	Nephrology Dialysis Transplantation	International	2018	4.6
75	Jawed A., Singh G., Kohli S., Sumera A., Haque S., Prasad R., Paul D	Therapeutic role of lipases and lipase inhibitors derived from natural resources for remedies against metabolic disorders and lifestyle diseases	South African Journal of Botany	international	2018	1.34
76	Sumera A, Chaudhury P, Haque S, Saha P, Paul D, Jawed A	Staphylokinase: A Potent Thrombolytic Agent	International Journal of Engineering Science Invention (IJESI)	international	2018	5.9 (not scopus)

77	Paul D, Manna S, Mandal SM	Antibiotics Associated Disorders and Postbiotics Induced Rescue in Gut Health;	Current Pharmaceutical Design	international	2018	3.052
78	Shalley Sharma, Anju Arora, Pankhuri Sharma, Surender Singh, Lata Nain, Debarati Paul	Notable mixed substrate fermentation by native <i>Kodamaea ohmeri</i> strains isolated from <i>Lagenaria siceraria</i> flowers and ethanol production on paddy straw hydrolysates.	Chemistry Central Journal	international	2018	1.027
79	N Rashid, P Chaudhuri (chattopadhyay)	Evolutionarily Related Dihydrofolate Reductases Perform Coequal Functions Yet Show Divergence in Their Trajectories	Protein Journal	international	2018	1.133
80	N Rashid, C Thapliyal, P Chaudhuri (chattopadhyay)	Quantification of differential efficacy of chemical chaperones in ameliorating stabilization and folding of zebrafish dihydrofolate reductase	International Journal of Biological macromolecules	international	2018	3.9
81	C Thapliyal, P Chaudhuri (chattopadhyay)	Kinetics and thermodynamics of the thermal inactivation and chaperone assisted folding of zebrafish dihydrofolate reductase	Archives of biochemistry and biophysics	international	2018	3.11