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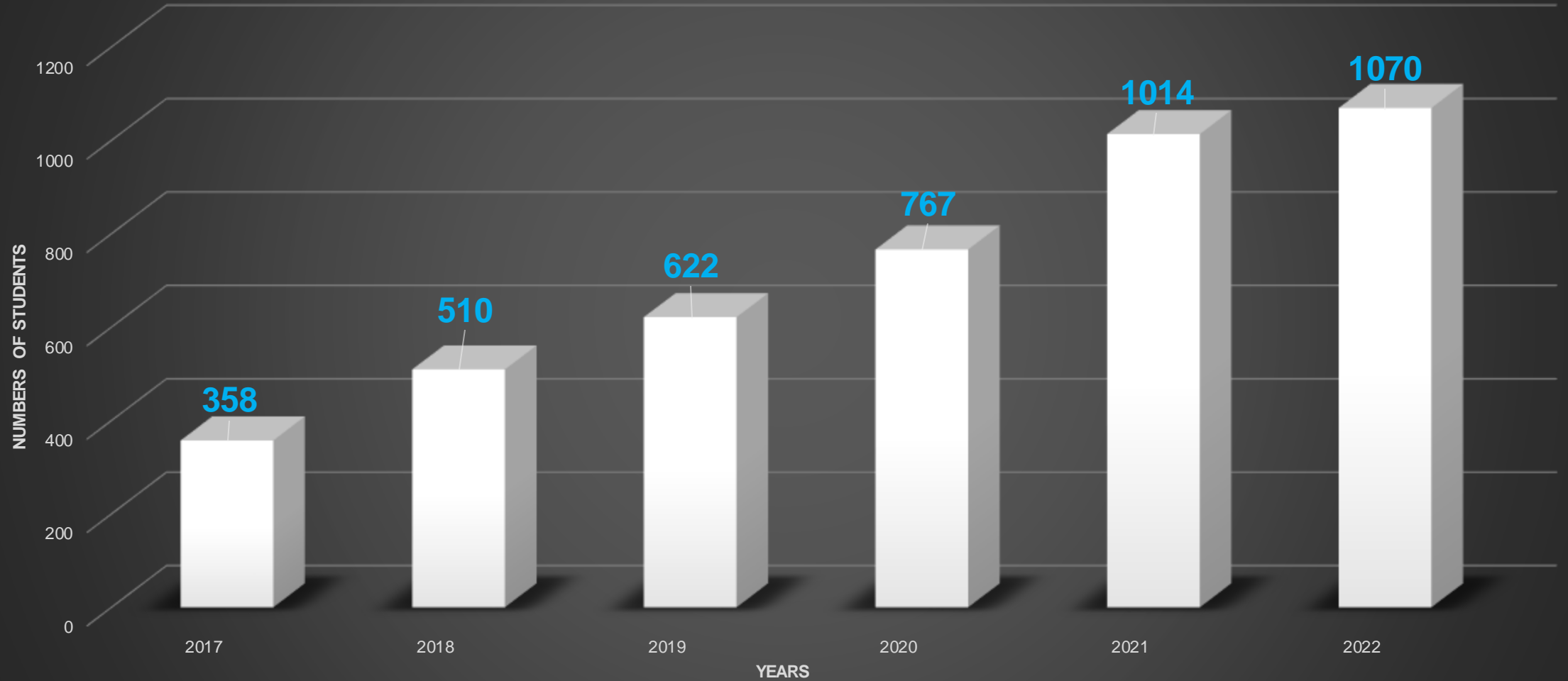


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AIAS PUBLICATIONS



Impact Factor: 16.620

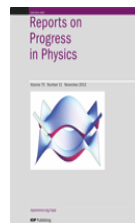
Review

Emissivity and electrooptical properties of semiconducting quantum dots/rods and liquid crystal composites: a review

Gautam Singh¹, Michael Fisch² and Satyendra Kumar¹

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Angewandte
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Impact Factor: 12.20

Visible-Light-Driven Water Oxidation with a Polyoxometalate-Complexed Hematite Core of 275 Iron Atoms

Dr. Biswarup Chakraborty, Gal Gan-Or, Dr. Yan Duan, Prof. Manoj Raula, Prof. Ira A. Weinstock ✉

First published: 06 March 2019 | <https://doi.org/10.1002/anie.201900492> | Citations: 15

Impact Factor: 14.695

Reversible Isothermal Twist–Bend Nematic–Nematic Phase Transition Driven by the Photoisomerization of an Azobenzene-Based Nonsymmetric Liquid Crystal Dimer

Daniel A. Paterson,^{†,‡} Jie Xiang,[‡] Gautam Singh,[§] Rebecca Walker,[†] Deña M. Agra-Kooijman,[§] Alfonso Martínez-Felipe,[#] Min Gao,[‡] John M. D. Storey,[†] Satyendra Kumar,[§] Oleg D. Lavrentovich,[‡] and Corrie T. Imrie^{*,†}

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Impact Factor: 18.8

Design of an inherently-stable water oxidation catalyst

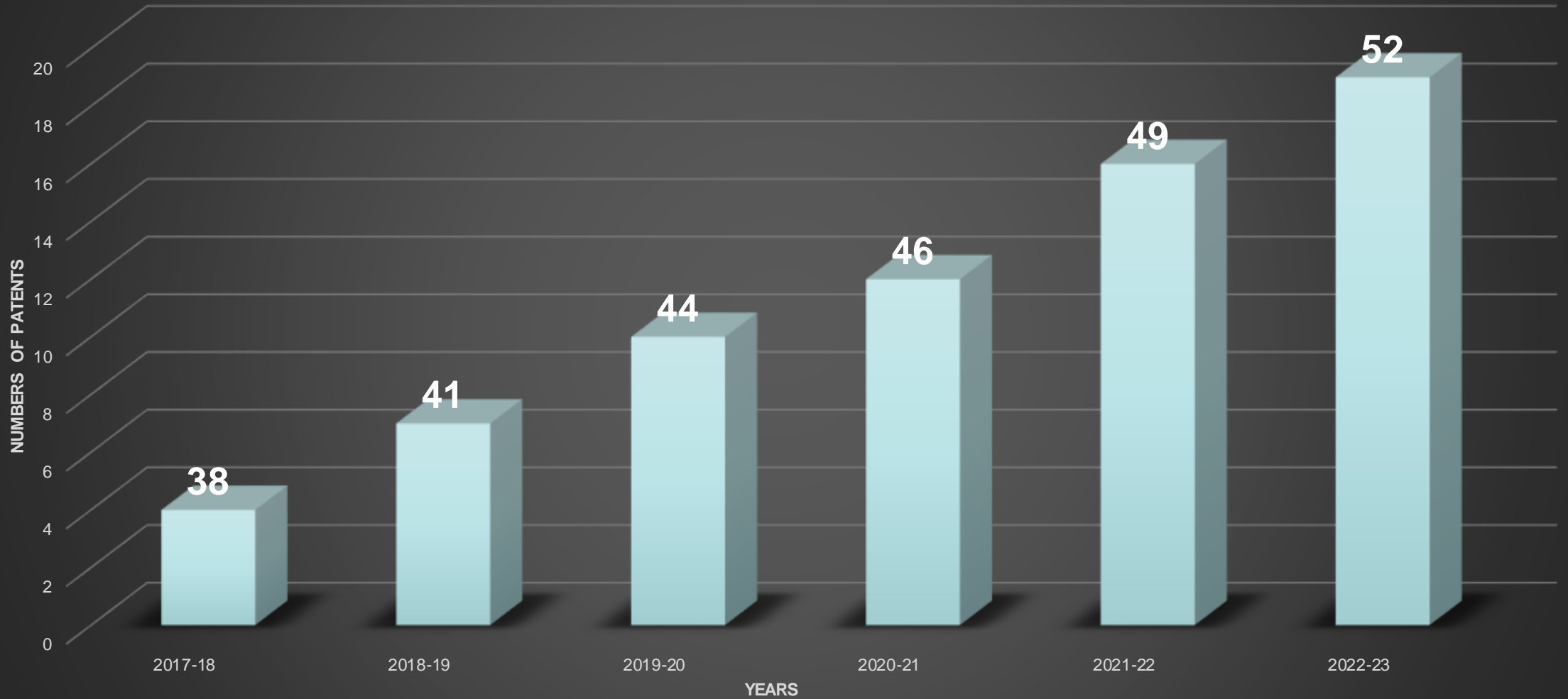
Biswarup Chakraborty, Gal Gan-Or, **Manoj Raula**, Eyal Gadot & Ira A. Weinstock ✉

Nature Communications 9, Article number: 4896 (2018) | [Cite this article](#)

RESEARCH AREAS

CHEMISTRY	PHYSICS	MATHEMATICS	STATISTICS
Polymers	Solid State Physics	Topology	Reliability
Nanoparticles	Plasma Physics	Cryptography	Operation Theory
Organic Coatings	Nuclear Physics	Special Functions	Modeling & Simulation,
Natural Products	Astrophysics	Optimization	Applied Time Series Analysis
Analytical Chemistry	Nano materials	Operation Theory	Data Mining
Hydrogels	Piezoelectric Materials	Differential Equation	Mathematical demography/
Sensors	Lasers & Spectroscopy	Mathematics Education	Biostatistics

File Patents



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