

Anupma Thakur

List of Publications by Year in descending order

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26
papers

945
citations

516710

16
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580821

25
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26
all docs

26
docs citations

26
times ranked

1295
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, properties, and applications of MBenes (two-dimensional metal borides) as emerging 2D materials: a review. <i>Journal of Materials Science</i> , 2022, 57, 12738-12751.	3.7	23
2	Flexible polypyrrole activated micro-porous paper-based photoanode for photoelectrochemical water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 8444-8453.	7.1	10
3	Nanostructures derived from expired drugs and their applications toward sensing, security ink, and bactericidal material. <i>Science of the Total Environment</i> , 2021, 764, 144260.	8.0	4
4	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021, 10, .	6.0	21
5	Conjugate of graphene quantum dots and glutaminase for the sensing of L-glutamine: Electrochemical vs. fluorescent sensing approaches. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108745.	3.9	3
6	Green Synthesized Cu@Carbon Quantum Dots for Histidine and Arsenate Sensing. <i>IEEE Sensors Journal</i> , 2021, 21, 16464-16468.	4.7	2
7	Bactericidal activity of Cannabis sativa phytochemicals from leaf extract and their derived Carbon Dots and Ag@Carbon Dots. <i>Materials Letters</i> , 2020, 262, 127122.	2.6	37
8	Boosting photoelectrochemical performance of GaN nanowall network photoanode with bacteriorhodopsin. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 103-111.	7.1	11
9	Advances in imaging-assisted sensing techniques for heavy metals in water: Trends, challenges, and opportunities. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115758.	11.4	34
10	Current progress and challenges in photoelectrode materials for the production of hydrogen. <i>Chemical Engineering Journal</i> , 2020, 397, 125415.	12.7	55
11	Waste to wealth translation of e-waste to plasmonic nanostructures for surface-enhanced Raman scattering. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1615-1623.	3.1	11
12	Photocatalytic degradation of petrochemical pollutants. , 2020, , 127-141.		2
13	TiO ₂ nanofibres decorated with green-synthesized P _{Au/Ag} @CQDs for the efficient photocatalytic degradation of organic dyes and pharmaceutical drugs. <i>RSC Advances</i> , 2020, 10, 8941-8948.	3.6	42
14	Materials in Colorimetric Detection of Water Pollutants. <i>Advanced Functional Materials and Sensors</i> , 2020, , 125-145.	1.2	4
15	Green synthesized plasmonic nanostructure decorated TiO ₂ nanofibers for photoelectrochemical hydrogen production. <i>Solar Energy</i> , 2019, 193, 715-723.	6.1	14
16	Recent advances in carbon quantum dot-based sensing of heavy metals in water. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 171-195.	11.4	165
17	<i>Citrus limetta</i> Organic Waste Recycled Carbon Nanolights: Photoelectro Catalytic, Sensing, and Biomedical Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 502-512.	6.7	33
18	Progress in the materials for optical detection of arsenic in water. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 97-115.	11.4	47

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19	Green synthesis of glowing carbon dots from Carica papaya waste pulp and their application as a label-freechemo probe for chromium detection in water. Sensors and Actuators B: Chemical, 2019, 283, 363-372.	7.8	94
20	Au/ZnO nanocomposites decorated ITO electrodes for voltammetric sensing of selenium in water. Electrochimica Acta, 2018, 290, 291-302.	5.2	18
21	Metal ion sensing and light activated antimicrobial activity of aloe-vera derived carbon dots. Journal of Materials Science: Materials in Electronics, 2018, 29, 17254-17261.	2.2	35
22	A "Turn-On" thiol functionalized fluorescent carbon quantum dot based chemosensory system for arsenite detection. Journal of Hazardous Materials, 2017, 328, 117-126.	12.4	102
23	Enhanced photocatalytic water splitting by gold carbon dot core shell nanocatalyst under visible/sunlight. New Journal of Chemistry, 2017, 41, 4573-4581.	2.8	42
24	Ultrasensitive and Selective Sensing of Selenium Using Nitrogen-Rich Ligand Interfaced Carbon Quantum Dots. ACS Applied Materials & Interfaces, 2017, 9, 13448-13456.	8.0	44
25	Waste derivitized blue luminescent carbon quantum dots for selenite sensing in water. Talanta, 2017, 170, 49-55.	5.5	55
26	A systematic review and meta-analysis of voltammetric and optical techniques for inorganic selenium determination in water. TrAC - Trends in Analytical Chemistry, 2017, 95, 69-85.	11.4	37