

Neha Chauhan

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

289
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene based biosensorsâ€”Accelerating medical diagnostics to new-dimensions. Journal of Materials Research, 2017, 32, 2860-2882.	2.6	102
2	Aligned nanogold assisted one step sensing and removal of heavy metal ions. Journal of Colloid and Interface Science, 2011, 363, 42-50.	9.4	35
3	Ecofriendly Route for the Synthesis of Highly Conductive Graphene Using Extremophiles for Green Electronics and Bioscience. Particle and Particle Systems Characterization, 2013, 30, 573-578.	2.3	26
4	Bioactive bacterial cellulose sulfate electrospun nanofibers for tissue engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1634-1645.	2.7	23
5	Graphene-Based Field-Effect Transistor for Ultrasensitive Immunosensing of SARS-CoV-2 Spike S1 Antigen. ACS Applied Bio Materials, 2022, 5, 3563-3572.	4.6	21
6	In vitro evaluation of antioxidant defense mechanism and hemocompatibility of mauran. Carbohydrate Polymers, 2013, 98, 108-115.	10.2	19
7	Extremophilic Polysaccharide for Biosynthesis and Passivation of Gold Nanoparticles and Photothermal Ablation of Cancer Cells. Particle and Particle Systems Characterization, 2015, 32, 54-64.	2.3	18
8	Tyrosinaseâ€”Conjugated Prussian Blueâ€”Modified Nickel Oxide Nanoparticlesâ€”Based Interface for Selective Detection of Dopamine. ChemistrySelect, 2017, 2, 6118-6128.	1.5	16
9	Acetosulfation of bacterial cellulose: An unexplored promising incipient candidate for highly transparent thin film. Materials Express, 2014, 4, 415-421.	0.5	12
10	N ₂ -Plasma-Assisted One-Step Alignment and Patterning of Graphene Oxide on a SiO ₂ /Si Substrate Via the Langmuir-Blodgett Technique. Advanced Materials Interfaces, 2015, 2, 1400515.	3.7	10
11	Electrical Tuning of Optical Properties of Quantum Dotâ€”Graphene Hybrid Devices: Interplay of Charge and Energy Transfer. Journal of Physical Chemistry C, 2021, 125, 8314-8322.	3.1	4
12	Controlled creation and annihilation of isolated robust emergent magnetic monopole like charged vertices in square artificial spin ice. Scientific Reports, 2021, 11, 13593.	3.3	2
13	Design, fabrication, characterization and packaging of bottom gate and nano-porous TiO ₂ /inf> based FET. , 2017, , .		1