Neha Chauhan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11812849/publications.pdf

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13	289	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
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 biosensorsâ€”Accelerating medical diagnostics to new-dimensions. Journal of Materials Research, 2017, 32, 2860-2882.	2.6	102
6	Tyrosinaseâ€Conjugated Prussian Blueâ€Modified Nickel Oxide Nanoparticlesâ€Based Interface for Selective Detection of Dopamine. ChemistrySelect, 2017, 2, 6118-6128.	1.5	16
7	Design, fabrication, characterization and packaging of bottom gate and nano-porous TiO<inf>2</inf> based FET. , 2017, , .		1
8	N₂â€Plasmaâ€Assisted Oneâ€Step Alignment and Patterning of Graphene Oxide on a SiO₂/Si Substrate Via the Langmuirâ€“Blodgett Technique. Advanced Materials Interfaces, 2015, 2, 1400515.	3.7	10
9	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
10	Acetosulfation of bacterial cellulose: An unexplored promising incipient candidate for highly transparent thin film. Materials Express, 2014, 4, 415-421.	0.5	12
11	In vitro evaluation of antioxidant defense mechanism and hemocompatibility of mauran. Carbohydrate Polymers, 2013, 98, 108-115.	10.2	19
12	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
13	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