

Md Palashuddin Sk

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,062
citations

471061

17
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Presence of Amorphous Carbon Nanoparticles in Food Caramels. Scientific Reports, 2012, 2, 383.	1.6	213
2	Recent advances in crystalline carbon dots for superior application potential. Materials Advances, 2020, 1, 525-553.	2.6	92
3	Mechanically exfoliated MoS ₂ sheet coupled with conductive polyaniline as a superior supercapacitor electrode material. Journal of Colloid and Interface Science, 2017, 504, 276-282.	5.0	91
4	Induction coil heater prepared highly fluorescent carbon dots as invisible ink and explosive sensor. RSC Advances, 2014, 4, 31994.	1.7	88
5	Conducting Carbon Dotâ€“Polypyrrole Nanocomposite for Sensitive Detection of Picric acid. ACS Applied Materials & Interfaces, 2016, 8, 5758-5762.	4.0	78
6	Luminescent Sulfur Quantum Dots for Colorimetric Discrimination of Multiple Metal Ions. ACS Applied Nano Materials, 2020, 3, 3044-3049.	2.4	66
7	Emergence of sulfur quantum dots: Unfolding their synthesis, properties, and applications. Advances in Colloid and Interface Science, 2020, 285, 102274.	7.0	62
8	A goldâ€“carbon nanoparticle composite as an efficient catalyst for homocoupling reaction. Chemical Communications, 2013, 49, 8235.	2.2	47
9	Aggregation-induced red shift in N,S-doped chiral carbon dot emissions for moisture sensing. New Journal of Chemistry, 2019, 43, 13240-13248.	1.4	45
10	Role of surface charge in enhancing antibacterial activity of fluorescent carbon dots. Nanotechnology, 2020, 31, 095101.	1.3	44
11	Insights on the solvatochromic effects in N-doped yellow-orange emissive carbon dots. New Journal of Chemistry, 2018, 42, 19837-19843.	1.4	35
12	Mechanochemical Synthesis of Sulfur Quantum Dots for Cellular Imaging. ACS Applied Nano Materials, 2021, 4, 3339-3344.	2.4	34
13	Reviewâ€“Aggregation-Induced Emission in Carbon Dots for Potential Applications. ECS Journal of Solid State Science and Technology, 2021, 10, 021001.	0.9	29
14	Nanocomposite of Ag nanoparticles and catalytic fluorescent carbon dots for synergistic bactericidal activity through enhanced reactive oxygen species generation. Nanotechnology, 2020, 31, 405704.	1.3	28
15	Cu ²⁺ -embedded carbon nanoparticles as anticancer agents. Journal of Materials Chemistry B, 2015, 3, 5673-5677.	2.9	22
16	An Interactive Quantum Dot and Carbon Dot Conjugate for pHâ€“Sensitive and Ratiometric Cu ²⁺ Sensing. ChemPhysChem, 2017, 18, 610-616.	1.0	20
17	Autonomous magnetic microbots for environmental remediation developed by organic waste derived carbon dots. Journal of Environmental Management, 2021, 297, 113322.	3.8	20
18	Plasmid DNA linearization in the antibacterial action of a new fluorescent Ag nanoparticleâ€“paracetamol dimer composite. Nanoscale, 2011, 3, 4226.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Luminescent Carbon Dots for Logic Operations in Two Phases. ChemPhysChem, 2015, 16, 723-727.	1.0	13
20	Modulating catalytic activity of human topoisomerase II α enzyme by fluorescent gold nanoclusters. International Journal of Biological Macromolecules, 2021, 170, 523-531.	3.6	13
21	Luminescent carbogenic dots for the detection and determination of hemoglobin in real samples. New Journal of Chemistry, 2020, 44, 6213-6221.	1.4	5