

Md Palashuddin Sk

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

650
citations

14
h-index

23
g-index

23
ext. papers

854
ext. citations

5.5
avg, IF

4.62
L-index

#	Paper	IF	Citations
21	Presence of amorphous carbon nanoparticles in food caramels. <i>Scientific Reports</i> , 2012 , 2, 383	4.9	183
20	Mechanically exfoliated MoS sheet coupled with conductive polyaniline as a superior supercapacitor electrode material. <i>Journal of Colloid and Interface Science</i> , 2017 , 504, 276-282	9.3	74
19	Conducting Carbon Dot-Polypyrrole Nanocomposite for Sensitive Detection of Picric acid. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5758-62	9.5	62
18	Induction coil heater prepared highly fluorescent carbon dots as invisible ink and explosive sensor. <i>RSC Advances</i> , 2014 , 4, 31994	3.7	61
17	A gold-carbon nanoparticle composite as an efficient catalyst for homocoupling reaction. <i>Chemical Communications</i> , 2013 , 49, 8235-7	5.8	39
16	Recent advances in crystalline carbon dots for superior application potential. <i>Materials Advances</i> , 2020 , 1, 525-553	3.3	37
15	Luminescent Sulfur Quantum Dots for Colorimetric Discrimination of Multiple Metal Ions. <i>ACS Applied Nano Materials</i> , 2020 , 3, 3044-3049	5.6	23
14	Insights on the solvatochromic effects in N-doped yellow-orange emissive carbon dots. <i>New Journal of Chemistry</i> , 2018 , 42, 19837-19843	3.6	23
13	Role of surface charge in enhancing antibacterial activity of fluorescent carbon dots. <i>Nanotechnology</i> , 2020 , 31, 095101	3.4	21
12	Aggregation-induced red shift in N,S-doped chiral carbon dot emissions for moisture sensing. <i>New Journal of Chemistry</i> , 2019 , 43, 13240-13248	3.6	19
11	An Interactive Quantum Dot and Carbon Dot Conjugate for pH-Sensitive and Ratiometric Cu Sensing. <i>ChemPhysChem</i> , 2017 , 18, 610-616	3.2	17
10	Cu-embedded carbon nanoparticles as anticancer agents. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5673-5677	3.5	16
9	Emergence of sulfur quantum dots: Unfolding their synthesis, properties, and applications. <i>Advances in Colloid and Interface Science</i> , 2020 , 285, 102274	14.3	16
8	Plasmid DNA linearization in the antibacterial action of a new fluorescent Ag nanoparticle-paracetamol dimer composite. <i>Nanoscale</i> , 2011 , 3, 4226-33	7.7	15
7	Nanocomposite of Ag nanoparticles and catalytic fluorescent carbon dots for synergistic bactericidal activity through enhanced reactive oxygen species generation. <i>Nanotechnology</i> , 2020 , 31, 405704	3.4	14
6	Luminescent carbon dots for logic operations in two phases. <i>ChemPhysChem</i> , 2015 , 16, 723-7	3.2	10
5	Mechanochemical Synthesis of Sulfur Quantum Dots for Cellular Imaging. <i>ACS Applied Nano Materials</i> , 2021 , 4, 3339-3344	5.6	8

4	Review Aggregation-Induced Emission in Carbon Dots for Potential Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2021 , 10, 021001	2	6
3	Modulating catalytic activity of human topoisomerase II β enzyme by fluorescent gold nanoclusters. <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 523-531	7.9	4
2	Luminescent carbogenic dots for the detection and determination of hemoglobin in real samples. <i>New Journal of Chemistry</i> , 2020 , 44, 6213-6221	3.6	1
1	Autonomous magnetic microbots for environmental remediation developed by organic waste derived carbon dots. <i>Journal of Environmental Management</i> , 2021 , 297, 113322	7.9	1