Md Palashuddin Sk

List of Publications by Year in Descending Order

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	Mechanochemical Synthesis of Sulfur Quantum Dots for Cellular Imaging. *ACS Applied Nano Materials*, **2021**, 4, 3339-3344	5.6	8
20	Modulating catalytic activity of human topoisomerase II enzyme by fluorescent gold nanoclusters. *International Journal of Biological Macromolecules*, **2021**, 170, 523-531	7.9	4
19	Review—Aggregation-Induced Emission in Carbon Dots for Potential Applications. *ECS Journal of Solid State Science and Technology*, **2021**, 10, 021001	2	6
18	Autonomous magnetic microbots for environmental remediation developed by organic waste derived carbon dots. *Journal of Environmental Management*, **2021**, 297, 113322	7.9	1
17	Nanocomposite of Ag nanoparticles and catalytic fluorescent carbon dots for synergistic bactericidal activity through enhanced reactive oxygen species generation. *Nanotechnology*, **2020**, 31, 405704	3.4	14
16	Luminescent carbogenic dots for the detection and determination of hemoglobin in real samples. *New Journal of Chemistry*, **2020**, 44, 6213-6221	3.6	1
15	Luminescent Sulfur Quantum Dots for Colorimetric Discrimination of Multiple Metal Ions. *ACS Applied Nano Materials*, **2020**, 3, 3044-3049	5.6	23
14	Recent advances in crystalline carbon dots for superior application potential. *Materials Advances*, **2020**, 1, 525-553	3.3	37
13	Role of surface charge in enhancing antibacterial activity of fluorescent carbon dots. *Nanotechnology*, **2020**, 31, 095101	3.4	21
12	Emergence of sulfur quantum dots: Unfolding their synthesis, properties, and applications. *Advances in Colloid and Interface Science*, **2020**, 285, 102274	14.3	16
11	Aggregation-induced red shift in N,S-doped chiral carbon dot emissions for moisture sensing. *New Journal of Chemistry*, **2019**, 43, 13240-13248	3.6	19
10	Insights on the solvatochromic effects in N-doped yellow-orange emissive carbon dots. *New Journal of Chemistry*, **2018**, 42, 19837-19843	3.6	23
9	Mechanically exfoliated MoS sheet coupled with conductive polyaniline as a superior supercapacitor electrode material. *Journal of Colloid and Interface Science*, **2017**, 504, 276-282	9.3	74
8	An Interactive Quantum Dot and Carbon Dot Conjugate for pH-Sensitive and Ratiometric Cu Sensing. *ChemPhysChem*, **2017**, 18, 610-616	3.2	17
7	Conducting Carbon Dot-Polypyrrole Nanocomposite for Sensitive Detection of Picric acid. *ACS Applied Materials & Interfaces*, **2016**, 8, 5758-62	9.5	62
6	Cu-embedded carbon nanoparticles as anticancer agents. *Journal of Materials Chemistry B*, **2015**, 3, 5673-5677	7.5	16
5	Luminescent carbon dots for logic operations in two phases. *ChemPhysChem*, **2015**, 16, 723-7	3.2	10

4	Induction coil heater prepared highly fluorescent carbon dots as invisible ink and explosive sensor. *RSC Advances*, **2014**, 4, 31994	3.7	61
3	A gold-carbon nanoparticle composite as an efficient catalyst for homocoupling reaction. *Chemical Communications*, **2013**, 49, 8235-7	5.8	39
2	Presence of amorphous carbon nanoparticles in food caramels. *Scientific Reports*, **2012**, 2, 383	4.9	183
1	Plasmid DNA linearization in the antibacterial action of a new fluorescent Ag nanoparticle-paracetamol dimer composite. *Nanoscale*, **2011**, 3, 4226-33	7.7	15