

Ayan Pal

List of Publications by Year in Descending Order

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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.

11
papers

240
citations

7
h-index

11
g-index

11
ext. papers

353
ext. citations

6
avg, IF

3.94
L-index

#	Paper	IF	Citations
11	Complexation-Based Super Crystalline Assembly of Zinc Oxide Quantum Dots for Sensitive Carbon Dioxide Gas Sensing. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 12316-12323	3.8	4
10	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
9	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
8	Recent advances in crystalline carbon dots for superior application potential. <i>Materials Advances</i> , 2020 , 1, 525-553	3.3	37
7	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
6	Boron Doped Carbon Dots with Unusually High Photoluminescence Quantum Yield for Ratiometric Intracellular pH Sensing. <i>ChemPhysChem</i> , 2019 , 20, 1018-1027	3.2	21
5	Zinc Ion-Induced Assembly of Crystalline Carbon Dots with Excellent Supercapacitor Performance. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 19421-19428	3.8	5
4	Phosphorus induced crystallinity in carbon dots for solar light assisted seawater desalination. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4111-4118	13	37
3	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
2	Synthesis of single-particle level white-light-emitting carbon dots via a one-step microwave method. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6691-6697	7.1	28
1	Conducting Carbon Dot-Polypyrrole Nanocomposite for Sensitive Detection of Picric acid. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5758-62	9.5	62