

Han Shiyan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9095918/publications.pdf>

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9
papers

145
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeking brightness from nature: Sustainable carbon dots-based AIEgens with tunable emission wavelength from natural rosin. <i>Chemical Engineering Journal</i> , 2021, 413, 127457.	12.7	34
2	One-step synthesis of self-quenching-resistant biomass-based solid-state fluorescent carbon dots with high yield for white lighting emitting diodes. <i>Dyes and Pigments</i> , 2021, 185, 108953.	3.7	33
3	Preparation of Biomass-Based Carbon Dots with Aggregation Luminescence Enhancement from Hydrogenated Rosin for Biological Imaging and Detection of Fe ³⁺ . <i>ACS Omega</i> , 2020, 5, 11842-11848.	3.5	25
4	Seeking eye protection from biomass: Carbon dot-based optical blocking films with adjustable levels of blue light blocking. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 44-52.	9.4	19
5	Sensitive Mechanofluorochromic Carbon Dot-Based AIEgens: Promising Reporting Components for Self-Sensing Plastics. <i>Advanced Optical Materials</i> , 2021, 9, 2101092.	7.3	14
6	Characterization and photocatalytic activity of mesoporous TiO ₂ prepared from an ethanol-diethyl ether binary solvent system. <i>Chemical Physics Letters</i> , 2014, 616-617, 1-5.	2.6	9
7	Biomass-Based Polymer Nanoparticles With Aggregation-Induced Fluorescence Emission for Cell Imaging and Detection of Fe ³⁺ Ions. <i>Frontiers in Chemistry</i> , 2020, 8, 563.	3.6	6
8	One-step Synthesis of Biomass-Based Carbon Dots for Detection of Metal Ions and Cell Imaging. <i>Frontiers in Energy Research</i> , 2022, 10, .	2.3	3
9	Preparation of Nanocrystalline Cellulose from Corn cob Acid-Hydrolysis Residue and Its Reinforcement Capabilities on Polyvinyl Alcohol Membranes. <i>Polymers and Polymer Composites</i> , 2014, 22, 675-682.	1.9	2