

Yamin Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,646
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2757
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Quantum Dots and Applications in Photocatalytic Energy Conversion. ACS Applied Materials & Interfaces, 2015, 7, 8363-8376.	8.0	613
2	Toward Structurally Defined Carbon Dots as Ultracompact Fluorescent Probes. ACS Nano, 2014, 8, 4522-4529.	14.6	218
3	Competitive Performance of Carbon “Quantum” Dots in Optical Bioimaging. Theranostics, 2012, 2, 295-301.	10.0	167
4	Facile synthesis of MnO/C anode materials for lithium-ion batteries. Electrochimica Acta, 2011, 56, 6448-6452.	5.2	151
5	Functionalized carbon nanoparticles: Syntheses and applications in optical bioimaging and energy conversion. Coordination Chemistry Reviews, 2016, 320-321, 66-81.	18.8	122
6	Versatility with carbon dots “from overcooked BBQ to brightly fluorescent agents and photocatalysts. RSC Advances, 2013, 3, 15604.	3.6	108
7	Efficient Fluorescence Quenching in Carbon Dots by Surface-Doped Metals - Disruption of Excited State Redox Processes and Mechanistic Implications. Langmuir, 2012, 28, 16141-16147.	3.5	86
8	Enhanced fluorescence properties of carbon dots in polymer films. Journal of Materials Chemistry C, 2016, 4, 6967-6974.	5.5	74
9	Visible-Light Photoconversion of Carbon Dioxide into Organic Acids in an Aqueous Solution of Carbon Dots. Langmuir, 2014, 30, 8631-8636.	3.5	67
10	Carbon Nanoparticles Trapped in Vivo “Similar to Carbon Nanotubes in Time-Dependent Biodistribution. ACS Applied Materials & Interfaces, 2014, 6, 14672-14678.	8.0	30
11	Carbon “TiO ₂ hybrid dots in different configurations “ optical properties, redox characteristics, and mechanistic implications. New Journal of Chemistry, 2018, 42, 10798-10806.	2.8	10