

Hui Ding

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.

23
papers

3,321
citations

17
h-index

23
g-index

23
ext. papers

4,048
ext. citations

7.3
avg, IF

5.85
L-index

#	Paper	IF	Citations
23	Full-Color Light-Emitting Carbon Dots with a Surface-State-Controlled Luminescence Mechanism. <i>ACS Nano</i> , 2016 , 10, 484-91	16.7	1381
22	Nitrogen and sulfur co-doped carbon dots with strong blue luminescence. <i>Nanoscale</i> , 2014 , 6, 13817-23	7.7	392
21	Solvent-Controlled Synthesis of Highly Luminescent Carbon Dots with a Wide Color Gamut and Narrowed Emission Peak Widths. <i>Small</i> , 2018 , 14, e1800612	11	281
20	Red-Emissive Carbon Dots for Fingerprints Detection by Spray Method: Coffee Ring Effect and Unquenched Fluorescence in Drying Process. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18429-18433	9.5	194
19	Carbon Dots/NiCo O Nanocomposites with Various Morphologies for High Performance Supercapacitors. <i>Small</i> , 2016 , 12, 5927-5934	11	150
18	Highly Efficient Red-Emitting Carbon Dots with Gram-Scale Yield for Bioimaging. <i>Langmuir</i> , 2017 , 33, 12635-12642	4	147
17	Facile synthesis of red-emitting carbon dots from pulp-free lemon juice for bioimaging. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5272-5277	7.3	138
16	Luminescent carbon quantum dots and their application in cell imaging. <i>New Journal of Chemistry</i> , 2013 , 37, 2515	3.6	117
15	Hierarchical porous carbon materials with high capacitance derived from Schiff-base networks. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5811-9	9.5	93
14	Carbon dots with red/near-infrared emissions and their intrinsic merits for biomedical applications. <i>Carbon</i> , 2020 , 167, 322-344	10.4	84
13	Robust Negative Electrode Materials Derived from Carbon Dots and Porous Hydrogels for High-Performance Hybrid Supercapacitors. <i>Advanced Materials</i> , 2019 , 31, e1806197	24	64
12	Surface states of carbon dots and their influences on luminescence. <i>Journal of Applied Physics</i> , 2020 , 127, 231101	2.5	63
11	Nitrogen-doped carbon dots derived from polyvinyl pyrrolidone and their multicolor cell imaging. <i>Nanotechnology</i> , 2014 , 25, 205604	3.4	60
10	Highly fluorescent near-infrared emitting carbon dots derived from lemon juice and its bioimaging application. <i>Journal of Luminescence</i> , 2019 , 211, 298-304	3.8	58
9	Exploring the blue luminescence origin of nitrogen-doped carbon dots by controlling the water amount in synthesis. <i>RSC Advances</i> , 2015 , 5, 66528-66533	3.7	42
8	Preparation of porous carbon electrodes from semen cassiae for high-performance electric double-layer capacitors. <i>New Journal of Chemistry</i> , 2018 , 42, 6763-6769	3.6	21
7	High volumetric supercapacitor with a long life span based on polymer dots and graphene sheets. <i>Journal of Power Sources</i> , 2017 , 364, 465-472	8.9	20

6	Large scale synthesis of full-color emissive carbon dots from a single carbon source by a solvent-free method. <i>Nano Research</i> ,1	10	8
5	Integrated Carbon Dots-Matrix Structures: An Efficient Strategy for High-Performance Electric Double Layer Capacitors. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4958-4964	6.1	4
4	In-situ self-assembly host-guest carbon aerogels for robust electrochemical capacitors. <i>Electrochimica Acta</i> , 2020 , 364, 137285	6.7	3
3	Carbon aerogels with mutual support structures constructed by hybrid hydrogels: Robust energy storage materials. <i>Materials Today Communications</i> , 2020 , 25, 101444	2.5	1
2	Polydopamine-Based Surface Modification of Chlorella Microspheres for Multiple Environmental Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 3065-3071	1.3	0
1	A type II heterojunction FeO/g-CN for the heterogeneous photo-Fenton degradation of phenol.. <i>RSC Advances</i> , 2022 , 12, 8300-8309	3.7	0