

Shujun Wang

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.

20
papers

1,476
citations

14
h-index

21
g-index

21
ext. papers

1,642
ext. citations

6.1
avg, IF

4.74
L-index

#	Paper	IF	Citations
20	Localized Surface Plasmon Enhanced Laser Reduction of Graphene Oxide for Wearable Strain Sensor. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001191	6.8	5
19	Scalable Production of Graphene Oxide Using a 3D-Printed Packed-Bed Electrochemical Reactor with a Boron-Doped Diamond Electrode. <i>ACS Applied Nano Materials</i> , 2019 , 2, 867-878	5.6	25
18	Laser-driven nanomaterials and laser-enabled nanofabrication for industrial applications 2019 , 181-203		7
17	Tuning the sub-processes in laser reduction of graphene oxide by adjusting the power and scanning speed of laser. <i>Carbon</i> , 2019 , 141, 83-91	10.4	40
16	Tungsten-Doped Nanocrystalline V6O13 Nanoparticles as Low-Cost and High-Performance Electrodes for Energy Storage Devices. <i>Energy Technology</i> , 2019 , 7, 1801041	3.5	8
15	Laser-Reduced Graphene: Synthesis, Properties, and Applications. <i>Advanced Materials Technologies</i> , 2018 , 3, 1700315	6.8	63
14	Laser irradiated vortex fluidic mediated synthesis of luminescent carbon nanodots under continuous flow. <i>Reaction Chemistry and Engineering</i> , 2018 , 3, 164-170	4.9	35
13	Tuning Enhancement Efficiency of Multiple Emissive Centers in Graphene Quantum Dots by Core-Shell Plasmonic Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 5673-5679	6.4	9
12	Quasi-Continuously Tuning the Size of Graphene Quantum Dots via an Edge-Etching Mechanism. <i>MRS Advances</i> , 2016 , 1, 1459-1467	0.7	2
11	Quantum-confined bandgap narrowing of TiO ₂ nanoparticles by graphene quantum dots for visible-light-driven applications. <i>Chemical Communications</i> , 2016 , 52, 9208-11	5.8	51
10	The dual roles of functional groups in the photoluminescence of graphene quantum dots. <i>Nanoscale</i> , 2016 , 8, 7449-58	7.7	97
9	The toxicity of graphene quantum dots. <i>RSC Advances</i> , 2016 , 6, 89867-89878	3.7	88
8	Tailoring the edges of graphene quantum dots to establish localized π -interactions with aromatic molecules. <i>RSC Advances</i> , 2015 , 5, 41248-41254	3.7	17
7	Structural evolution of graphene quantum dots during thermal decomposition of citric acid and the corresponding photoluminescence. <i>Carbon</i> , 2015 , 82, 304-313	10.4	144
6	Improved electrical and optical characteristics of transparent graphene thin films produced by acid and doping treatments. <i>Carbon</i> , 2011 , 49, 2905-2916	10.4	74
5	Molecular dynamics study of the effect of chemical functionalization on the elastic properties of graphene sheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 7070-4	1.3	14
4	Fabrication of highly conducting and transparent graphene films. <i>Carbon</i> , 2010 , 48, 1815-1823	10.4	253

3	Effects of functional groups on the mechanical and wrinkling properties of graphene sheets. <i>Carbon</i> , 2010 , 48, 4315-4322	10.4	181
2	Preparation of graphite nanoplatelets and graphene sheets. <i>Journal of Colloid and Interface Science</i> , 2009 , 336, 592-8	9.3	342
1	Optical Dephasing of Triply Ionized Rare Earths in Transparent Glass Ceramics Containing LaF ₃ Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 1214-1217	1.3	21