Shujun Wang

List of Publications by Citations

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	Preparation of graphite nanoplatelets and graphene sheets. *Journal of Colloid and Interface Science*, **2009**, 336, 592-8	9.3	342
19	Fabrication of highly conducting and transparent graphene films. *Carbon*, **2010**, 48, 1815-1823	10.4	253
18	Effects of functional groups on the mechanical and wrinkling properties of graphene sheets. *Carbon*, **2010**, 48, 4315-4322	10.4	181
17	Structural evolution of graphene quantum dots during thermal decomposition of citric acid and the corresponding photoluminescence. *Carbon*, **2015**, 82, 304-313	10.4	144
16	The dual roles of functional groups in the photoluminescence of graphene quantum dots. *Nanoscale*, **2016**, 8, 7449-58	7.7	97
15	The toxicity of graphene quantum dots. *RSC Advances*, **2016**, 6, 89867-89878	3.7	88
14	Improved electrical and optical characteristics of transparent graphene thin films produced by acid and doping treatments. *Carbon*, **2011**, 49, 2905-2916	10.4	74
13	Laser-Reduced Graphene: Synthesis, Properties, and Applications. *Advanced Materials Technologies*, **2018**, 3, 1700315	6.8	63
12	Quantum-confined bandgap narrowing of TiO2 nanoparticles by graphene quantum dots for visible-light-driven applications. *Chemical Communications*, **2016**, 52, 9208-11	5.8	51
11	Tuning the sub-processes in laser reduction of graphene oxide by adjusting the power and scanning speed of laser. *Carbon*, **2019**, 141, 83-91	10.4	40
10	Laser irradiated vortex fluidic mediated synthesis of luminescent carbon nanodots under continuous flow. *Reaction Chemistry and Engineering*, **2018**, 3, 164-170	4.9	35
9	Scalable Production of Graphene Oxide Using a 3D-Printed Packed-Bed Electrochemical Reactor with a Boron-Doped Diamond Electrode. *ACS Applied Nano Materials*, **2019**, 2, 867-878	5.6	25
8	Optical Dephasing of Triply Ionized Rare Earths in Transparent Glass Ceramics Containing LaF3 Nanocrystals. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 1214-1217	1.3	21
7	Tailoring the edges of graphene quantum dots to establish localized π interactions with aromatic molecules. *RSC Advances*, **2015**, 5, 41248-41254	3.7	17
6	Molecular dynamics study of the effect of chemical functionalization on the elastic properties of graphene sheets. *Journal of Nanoscience and Nanotechnology*, **2010**, 10, 7070-4	1.3	14
5	Tuning Enhancement Efficiency of Multiple Emissive Centers in Graphene Quantum Dots by Core-Shell Plasmonic Nanoparticles. *Journal of Physical Chemistry Letters*, **2017**, 8, 5673-5679	6.4	9
4	Tungsten-Doped Nanocrystalline V6O13 Nanoparticles as Low-Cost and High-Performance Electrodes for Energy Storage Devices. *Energy Technology*, **2019**, 7, 1801041	3.5	8

List of Publications

3	Laser-driven nanomaterials and laser-enabled nanofabrication for industrial applications **2019**, 181-203		7
2	Localized Surface Plasmon Enhanced Laser Reduction of Graphene Oxide for Wearable Strain Sensor. *Advanced Materials Technologies*, **2021**, 6, 2001191	6.8	5
1	Quasi-Continuously Tuning the Size of Graphene Quantum Dots via an Edge-Etching Mechanism. *MRS Advances*, **2016**, 1, 1459-1467	0.7	2