Yan Li

List of Publications by Year in Descending Order

29 papers	3,589 citations	12 h-index	29 g-index
29 ext. papers	3,931 ext. citations	6.5 avg, IF	5.1 L-index

#	Paper	IF	Citations
29	Nitrogen-Doped Ti2C MXene Quantum Dots as Antioxidants. *ACS Applied Nano Materials*, **2021**, 4, 12308-12315	5.6	5
28	Scavenging activity and reaction mechanism of Ti3C2Tx MXene as a novel free radical scavenger. *Ceramics International*, **2021**, 47, 16555-16561	5.1	5
27	Designed synthesis of chlorine and nitrogen co-doped Ti3C2 MXene quantum dots and their outstanding hydroxyl radical scavenging properties. *Journal of Materials Science and Technology*, **2021**, 78, 30-37	9.1	14
26	Thermal Management Enables More Efficient and Stable Perovskite Solar Cells. *ACS Energy Letters*, **2021**, 6, 3029-3036	20.1	5
25	Mechanism of Nitrogen-Doped TiC Quantum Dots for Free-Radical Scavenging and the Ultrasensitive HO Detection Performance. *ACS Applied Materials & Interfaces*, **2021**, 13, 42442-42450	9.5	5
24	Preparation Fe3O4@chitosan-graphene quantum dots nanocomposites for fluorescence and magnetic resonance imaging. *Chemical Physics Letters*, **2021**, 783, 139060	2.5	2
23	Hydroxylated graphene quantum dots as fluorescent probes for sensitive detection of metal ions. *International Journal of Minerals, Metallurgy and Materials*, **2020**, 27, 91-99	3.1	8
22	Recent advances in ultrathin two-dimensional materials and biomedical applications for reactive oxygen species generation and scavenging. *Nanoscale*, **2020**, 12, 19516-19535	7.7	20
21	Light-induced electrostatic lithography: selective discharge of electrets by utilizing photothermal conversion of Ti3C2Tx MXene. *Journal of Materials Chemistry A*, **2020**, 8, 19022-19027	13	5
20	Optimizing oxygen functional groups in graphene quantum dots for improved antioxidant mechanism. *Physical Chemistry Chemical Physics*, **2019**, 21, 1336-1343	3.6	44
19	Chlorine-Doped Graphene Quantum Dots with Enhanced Anti- and Pro-Oxidant Properties. *ACS Applied Materials & Interfaces*, **2019**, 11, 21822-21829	9.5	44
18	Antioxidant Activity of Graphene Quantum Dots Prepared in Different Electrolyte Environments. *Nanomaterials*, **2019**, 9,	5.4	7
17	Investigation of photoluminescence behavior of reduced graphene quantum dots. *Inorganic Chemistry Communication*, **2019**, 99, 199-205	3.1	11
16	Green preparation of in situ Cr3C2 nano-coatings on graphite surface and their water-wettability and rheological properties. *Ceramics International*, **2018**, 44, 9526-9533	5.1	10
15	3D nano-arrays of silver nanoparticles and graphene quantum dots with excellent surface-enhanced Raman scattering. *Materials Science and Technology*, **2018**, 34, 679-687	1.5	5
14	Preparation of TiC-Ti3AlC composite coated graphite flakes and their improved oxidation resistance. *Ceramics International*, **2018**, 44, 22567-22573	5.1	9
13	Electrochemical synthesis of phosphorus-doped graphene quantum dots for free radical scavenging. *Physical Chemistry Chemical Physics*, **2017**, 19, 11631-11638	3.6	110

12	Synthesis, characterization and photocatalytic activity of graphene quantum dots-Ag solar driven photocatalyst. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 17570-17577	2.1	7
11	Post-oxidation treated graphene quantum dots as a fluorescent probe for sensitive detection of copper ions. *Chemical Physics Letters*, **2016**, 664, 127-132	2.5	11
10	Chemical Nature of Redox-Controlled Photoluminescence of Graphene Quantum Dots by Post-Synthesis Treatment. *Journal of Physical Chemistry C*, **2016**, 120, 26004-26011	3.8	26
9	Green synthesis of graphene quantum dots and silver nanoparticles compounds with excellent surface enhanced Raman scattering performance. *Journal of Alloys and Compounds*, **2016**, 663, 166-171	5.7	30
8	Size controllable preparation of graphitic quantum dots and their photoluminescence behavior. *Materials Letters*, **2016**, 162, 56-59	3.3	2
7	Graphene quantum dots modified ZnO + Cu heterostructure photocatalysts with enhanced photocatalytic performance. *RSC Advances*, **2016**, 6, 106508-106515	3.7	12
6	Free-Radical-Assisted Rapid Synthesis of Graphene Quantum Dots and Their Oxidizability Studies. *Langmuir*, **2016**, 32, 8641-9	4	35
5	Improving photocatalytic performance of ZnO via synergistic effects of Ag nanoparticles and graphene quantum dots. *Physical Chemistry Chemical Physics*, **2015**, 17, 18645-52	3.6	55
4	Electrochemical tuning of optical properties of graphitic quantum dots. *Journal of Luminescence*, **2015**, 166, 322-327	3.8	4
3	ZnO/carbon quantum dots heterostructure with enhanced photocatalytic properties. *Applied Surface Science*, **2013**, 279, 367-373	6.7	145
2	Nitrogen-doped graphene quantum dots with oxygen-rich functional groups. *Journal of the American Chemical Society*, **2012**, 134, 15-8	16.4	1623
1	An electrochemical avenue to green-luminescent graphene quantum dots as potential electron-acceptors for photovoltaics. *Advanced Materials*, **2011**, 23, 776-80	24	1330