Yan Li

List of Publications by Year
in descending order

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29 papers	4,312 citations	471509 17 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	6828 citing authors

#	Article	IF	Citations
1	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.	10.7	43
2	Scavenging activity and reaction mechanism of Ti3C2Tx MXene as a novel free radical scavenger. Ceramics International, 2021, 47, 16555-16561.	4.8	9
3	Thermal Management Enables More Efficient and Stable Perovskite Solar Cells. ACS Energy Letters, 2021, 6, 3029-3036.	17.4	26
4	Mechanism of Nitrogen-Doped Ti₃C₂ Quantum Dots for Free-Radical Scavenging and the Ultrasensitive H₂O₂ Detection Performance. ACS Applied Materials & Interfaces, 2021, 13, 42442-42450.	8.0	30
5	Preparation Fe3O4@chitosan-graphene quantum dots nanocomposites for fluorescence and magnetic resonance imaging. Chemical Physics Letters, 2021, 783, 139060.	2.6	12
6	Nitrogen-Doped Ti₂C MXene Quantum Dots as Antioxidants. ACS Applied Nano Materials, 2021, 4, 12308-12315.	5.0	24
7	Recent advances in ultrathin two-dimensional materials and biomedical applications for reactive oxygen species generation and scavenging. Nanoscale, 2020, 12, 19516-19535.	5.6	65
8	Light-induced electrostatic lithography: selective discharge of electrets by utilizing photothermal conversion of Ti₃C₂T_x MXene. Journal of Materials Chemistry A, 2020, 8, 19022-19027.	10.3	9
9	Hydroxylated graphene quantum dots as fluorescent probes for sensitive detection of metal ions. International Journal of Minerals, Metallurgy and Materials, 2020, 27, 91-99.	4.9	13
10	Optimizing oxygen functional groups in graphene quantum dots for improved antioxidant mechanism. Physical Chemistry Chemical Physics, 2019, 21, 1336-1343.	2.8	70
11	Chlorine-Doped Graphene Quantum Dots with Enhanced Anti- and Pro-Oxidant Properties. ACS Applied Materials & Interfaces, 2019, 11, 21822-21829.	8.0	77
12	Antioxidant Activity of Graphene Quantum Dots Prepared in Different Electrolyte Environments. Nanomaterials, 2019, 9, 1708.	4.1	19
13	Investigation of photoluminescence behavior of reduced graphene quantum dots. Inorganic Chemistry Communication, 2019, 99, 199-205.	3.9	20
14	Green preparation of in situ Cr3C2 nano-coatings on graphite surface and their water-wettability and rheological properties. Ceramics International, 2018, 44, 9526-9533.	4.8	13
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.	1.6	9
16	Preparation of TiC-Ti3AlC composite coated graphite flakes and their improved oxidation resistance. Ceramics International, 2018, 44, 22567-22573.	4.8	14
17	Electrochemical synthesis of phosphorus-doped graphene quantum dots for free radical scavenging. Physical Chemistry Chemical Physics, 2017, 19, 11631-11638.	2.8	163
18	Synthesis, characterization and photocatalytic activity of graphene quantum dots-Ag solar driven photocatalyst. Journal of Materials Science: Materials in Electronics, 2017, 28, 17570-17577.	2.2	11

#	Article	IF	Citations
19	Graphene quantum dots modified ZnO + Cu heterostructure photocatalysts with enhanced photocatalytic performance. RSC Advances, 2016, 6, 106508-106515.	3.6	14
20	Free-Radical-Assisted Rapid Synthesis of Graphene Quantum Dots and Their Oxidizability Studies. Langmuir, 2016, 32, 8641-8649.	3.5	37
21	Post-oxidation treated graphene quantum dots as a fluorescent probe for sensitive detection of copper ions. Chemical Physics Letters, 2016, 664, 127-132.	2.6	13
22	Chemical Nature of Redox-Controlled Photoluminescence of Graphene Quantum Dots by Post-Synthesis Treatment. Journal of Physical Chemistry C, 2016, 120, 26004-26011.	3.1	32
23	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.	5.5	40
24	Size controllable preparation of graphitic quantum dots and their photoluminescence behavior. Materials Letters, 2016, 162, 56-59.	2.6	3
25	Electrochemical tuning of optical properties of graphitic quantum dots. Journal of Luminescence, 2015, 166, 322-327.	3.1	5
26	Improving photocatalytic performance of ZnO via synergistic effects of Ag nanoparticles and graphene quantum dots. Physical Chemistry Chemical Physics, 2015, 17, 18645-18652.	2.8	64
27	ZnO/carbon quantum dots heterostructure with enhanced photocatalytic properties. Applied Surface Science, 2013, 279, 367-373.	6.1	179
28	Nitrogen-Doped Graphene Quantum Dots with Oxygen-Rich Functional Groups. Journal of the American Chemical Society, 2012, 134, 15-18.	13.7	1,832
29	An Electrochemical Avenue to Greenâ€Luminescent Graphene Quantum Dots as Potential Electronâ€Acceptors for Photovoltaics. Advanced Materials, 2011, 23, 776-780.	21.0	1,466