

Yan Li

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.

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 graphene quantum dots with oxygen-rich functional groups. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15-8 | 16.4 | 1623 |
| 28 | An electrochemical avenue to green-luminescent graphene quantum dots as potential electron-acceptors for photovoltaics. <i>Advanced Materials</i> , 2011 , 23, 776-80 | 24 | 1330 |
| 27 | ZnO/carbon quantum dots heterostructure with enhanced photocatalytic properties. <i>Applied Surface Science</i> , 2013 , 279, 367-373 | 6.7 | 145 |
| 26 | Electrochemical synthesis of phosphorus-doped graphene quantum dots for free radical scavenging. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 11631-11638 | 3.6 | 110 |
| 25 | Improving photocatalytic performance of ZnO via synergistic effects of Ag nanoparticles and graphene quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 18645-52 | 3.6 | 55 |
| 24 | Optimizing oxygen functional groups in graphene quantum dots for improved antioxidant mechanism. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 1336-1343 | 3.6 | 44 |
| 23 | Chlorine-Doped Graphene Quantum Dots with Enhanced Anti- and Pro-Oxidant Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21822-21829 | 9.5 | 44 |
| 22 | Free-Radical-Assisted Rapid Synthesis of Graphene Quantum Dots and Their Oxidizability Studies. <i>Langmuir</i> , 2016 , 32, 8641-9 | 4 | 35 |
| 21 | Green synthesis of graphene quantum dots and silver nanoparticles compounds with excellent surface enhanced Raman scattering performance. <i>Journal of Alloys and Compounds</i> , 2016 , 663, 166-171 | 5.7 | 30 |
| 20 | Chemical Nature of Redox-Controlled Photoluminescence of Graphene Quantum Dots by Post-Synthesis Treatment. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 26004-26011 | 3.8 | 26 |
| 19 | Recent advances in ultrathin two-dimensional materials and biomedical applications for reactive oxygen species generation and scavenging. <i>Nanoscale</i> , 2020 , 12, 19516-19535 | 7.7 | 20 |
| 18 | Designed synthesis of chlorine and nitrogen co-doped Ti3C2 MXene quantum dots and their outstanding hydroxyl radical scavenging properties. <i>Journal of Materials Science and Technology</i> , 2021 , 78, 30-37 | 9.1 | 14 |
| 17 | Graphene quantum dots modified ZnO + Cu heterostructure photocatalysts with enhanced photocatalytic performance. <i>RSC Advances</i> , 2016 , 6, 106508-106515 | 3.7 | 12 |
| 16 | Post-oxidation treated graphene quantum dots as a fluorescent probe for sensitive detection of copper ions. <i>Chemical Physics Letters</i> , 2016 , 664, 127-132 | 2.5 | 11 |
| 15 | Investigation of photoluminescence behavior of reduced graphene quantum dots. <i>Inorganic Chemistry Communication</i> , 2019 , 99, 199-205 | 3.1 | 11 |
| 14 | Green preparation of in situ Cr3C2 nano-coatings on graphite surface and their water-wettability and rheological properties. <i>Ceramics International</i> , 2018 , 44, 9526-9533 | 5.1 | 10 |
| 13 | Preparation of TiC-Ti3AlC composite coated graphite flakes and their improved oxidation resistance. <i>Ceramics International</i> , 2018 , 44, 22567-22573 | 5.1 | 9 |

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| 12 | Hydroxylated graphene quantum dots as fluorescent probes for sensitive detection of metal ions. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020 , 27, 91-99 | 3.1 | 8 |
| 11 | Synthesis, characterization and photocatalytic activity of graphene quantum dots-Ag solar driven photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 17570-17577 | 2.1 | 7 |
| 10 | Antioxidant Activity of Graphene Quantum Dots Prepared in Different Electrolyte Environments. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 7 |
| 9 | 3D nano-arrays of silver nanoparticles and graphene quantum dots with excellent surface-enhanced Raman scattering. <i>Materials Science and Technology</i> , 2018 , 34, 679-687 | 1.5 | 5 |
| 8 | Nitrogen-Doped Ti ₂ C MXene Quantum Dots as Antioxidants. <i>ACS Applied Nano Materials</i> , 2021 , 4, 12308-12315 | 5.1 | 5 |
| 7 | Light-induced electrostatic lithography: selective discharge of electrets by utilizing photothermal conversion of Ti ₃ C ₂ T _x MXene. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 19022-19027 | 13 | 5 |
| 6 | Scavenging activity and reaction mechanism of Ti ₃ C ₂ T _x MXene as a novel free radical scavenger. <i>Ceramics International</i> , 2021 , 47, 16555-16561 | 5.1 | 5 |
| 5 | Thermal Management Enables More Efficient and Stable Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021 , 6, 3029-3036 | 20.1 | 5 |
| 4 | Mechanism of Nitrogen-Doped TiC Quantum Dots for Free-Radical Scavenging and the Ultrasensitive HO Detection Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42442-42450 | 8.5 | 5 |
| 3 | Electrochemical tuning of optical properties of graphitic quantum dots. <i>Journal of Luminescence</i> , 2015 , 166, 322-327 | 3.8 | 4 |
| 2 | Size controllable preparation of graphitic quantum dots and their photoluminescence behavior. <i>Materials Letters</i> , 2016 , 162, 56-59 | 3.3 | 2 |
| 1 | Preparation Fe ₃ O ₄ @chitosan-graphene quantum dots nanocomposites for fluorescence and magnetic resonance imaging. <i>Chemical Physics Letters</i> , 2021 , 783, 139060 | 2.5 | 2 |