

Given Names Deactivated Family Name Deactivated

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.

31
papers

633
citations

12
h-index

24
g-index

31
ext. papers

744
ext. citations

6.6
avg, IF

3.9
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 31 | Identification of glycolaldehyde, the simplest sugar, in plant systems. <i>New Journal of Chemistry</i> , 2022 , 46, 6360-6365 | 3.6 | |
| 30 | Tuned single atom coordination structures mediated by polarization force and sulfur anions for photovoltaics. <i>Nano Research</i> , 2021 , 14, 4025 | 10 | 3 |
| 29 | Insights into the existing form of glycolaldehyde in methanol solution: an experimental and theoretical investigation. <i>New Journal of Chemistry</i> , 2021 , 45, 8149-8154 | 3.6 | 1 |
| 28 | An insight into the reaction mechanism of CO photoreduction catalyzed by atomically dispersed Fe atoms supported on graphitic carbon nitride. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 4690-4699 | 3.6 | 5 |
| 27 | Atomic-level structure engineering of Ni-substituted Ni Co ₃ B ₄ for enhancing performance of supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 851, 113474 | 4.1 | 5 |
| 26 | Role of water oxidation in the photoreduction of graphene oxide. <i>Chemical Communications</i> , 2019 , 55, 1837-1840 | 5.8 | 2 |
| 25 | Proton delivery through a dynamic 3D H-bond network constructed from dense hydroxyls for advanced ion-selective membranes. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 15137-15144 | 13 | 24 |
| 24 | A mechanism of the luminescent covalent organic framework for the detection of NH ₃ . <i>New Journal of Chemistry</i> , 2019 , 43, 9274-9279 | 3.6 | 11 |
| 23 | Computational insights into the mechanism of formaldehyde detection by luminescent covalent organic framework. <i>Journal of Molecular Modeling</i> , 2019 , 25, 248 | 2 | 3 |
| 22 | Highly accessible hierarchical porous carbon from a bi-functional ionic liquid bulky gel: high-performance electrochemical double layer capacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25297-25304 | 13 | 10 |
| 21 | Sulfur encapsulated in a wafer-like carbon substrate with interconnected meso/micropores for high-performance lithium-sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3264-3269 | 6.8 | 4 |
| 20 | Tangerine peel-derived carbon supported manganese oxides catalyst for oxygen reduction reaction. <i>Applied Surface Science</i> , 2018 , 450, 251-259 | 6.7 | 6 |
| 19 | Efficient hierarchically synthesized Fe ₂ P nanoparticles embedded in an N,P-doped mesoporous carbon catalyst for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2018 , 42, 9488-9495 | 3.6 | 4 |
| 18 | Pseudohalogen-Based 2D Perovskite: A More Complex Thermal Degradation Mechanism Than 3D Perovskite. <i>Inorganic Chemistry</i> , 2018 , 57, 2045-2050 | 5.1 | 7 |
| 17 | Phosphorized SnO ₂ /graphene heterostructures for highly reversible lithium-ion storage with enhanced pseudocapacitance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3479-3487 | 13 | 96 |
| 16 | Ionothermal synthesis of graphene-based microporous carbon for lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2018 , 42, 2483-2490 | 3.6 | 7 |
| 15 | The dual-luminescence mechanism of the ESIPT chemosensor tetrasubstituted imidazole core compound: a TDDFT study. <i>New Journal of Chemistry</i> , 2018 , 42, 11804-11810 | 3.6 | 4 |

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| 14 | Facile synthesis of efficient core-shell structured iron-based carbon catalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 1386-1395 | 6.7 | 4 |
| 13 | Novel carbon quantum dots for fluorescent detection of phenol and insights into the mechanism. <i>New Journal of Chemistry</i> , 2018 , 42, 11485-11492 | 3.6 | 17 |
| 12 | Efficient Synthesis of Nitrogen- and Sulfur-co-Doped Ketjenblack with a Single-Source Precursor for Enhancing Oxygen Reduction Reaction Activity. <i>Chemistry - A European Journal</i> , 2017 , 23, 3674-3682 | 4.8 | 19 |
| 11 | Ionothermal Synthesis of Graphene-Based Hierarchically Porous Carbon for High-Energy Supercapacitors with Ionic Liquid Electrolyte. <i>Electrochimica Acta</i> , 2017 , 241, 124-131 | 6.7 | 16 |
| 10 | Improvement of alkaline stability for hydroxide exchange membranes by the interactions between strongly polar nitrile groups and functional cations. <i>Journal of Membrane Science</i> , 2017 , 533, 121-129 | 9.6 | 18 |
| 9 | Rational design and fabrication of sulfur-doped porous graphene with enhanced performance as a counter electrode in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 2280-2287 | 13 | 67 |
| 8 | Promotion of oxygen reduction performance by Fe ₃ O ₄ nanoparticles support nitrogen-doped three dimensional meso/macroporous carbon based electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 4133-4145 | 6.7 | 15 |
| 7 | Graphene-mediated highly-dispersed MoS ₂ nanosheets with enhanced triiodide reduction activity for dye-sensitized solar cells. <i>Carbon</i> , 2016 , 100, 474-483 | 10.4 | 88 |
| 6 | Molecular structure simplification of the most common hole transport materials in perovskite solar cells. <i>RSC Advances</i> , 2016 , 6, 96990-96996 | 3.7 | 10 |
| 5 | Enhancing oxygen reduction reaction durability via coating graphene layers on iron-nitrogen supported carbon nanotubes. <i>RSC Advances</i> , 2016 , 6, 73581-73588 | 3.7 | 8 |
| 4 | Nitrogen-Doped Graphene Nanoribbons with Surface Enriched Active Sites and Enhanced Performance for Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2015 , 5, 1500180 | 21.8 | 126 |
| 3 | Hollow Tin Dioxide Microspheres With Multilayered Nanocrystalline Shells for Pseudocapacitor. <i>Electrochimica Acta</i> , 2015 , 155, 437-446 | 6.7 | 13 |
| 2 | Interaction between formaldehyde and luminescent MOF [Zn(NH ₂ dc)(bix)] _n in the electronic excited state. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 6191-6 | 2.8 | 30 |
| 1 | The effect of furcated hydrogen bond and coordination bond on luminescent behavior of metal-organic framework [CuCN(EIN)]: a TDDFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 97, 589-93 | 4.4 | 10 |