

# Given Names Deactivated Family Name Deactivated

## List of Publications by Citations

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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	Nitrogen-Doped Graphene Nanoribbons with Surface Enriched Active Sites and Enhanced Performance for Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1500180	21.8	126
30	Phosphorized SnO <sub>2</sub> /graphene heterostructures for highly reversible lithium-ion storage with enhanced pseudocapacitance. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 3479-3487	13	96
29	Graphene-mediated highly-dispersed MoS <sub>2</sub> nanosheets with enhanced triiodide reduction activity for dye-sensitized solar cells. <i>Carbon</i> , <b>2016</b> , 100, 474-483	10.4	88
28	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> , <b>2017</b> , 5, 2280-2287	13	67
27	Interaction between formaldehyde and luminescent MOF [Zn(NH <sub>2</sub> DC)(bix)] <sub>n</sub> in the electronic excited state. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 6191-6	2.8	30
26	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> , <b>2019</b> , 7, 15137-15144	13	24
25	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> , <b>2017</b> , 23, 3674-3682	4.8	19
24	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> , <b>2017</b> , 533, 121-129	9.6	18
23	Novel carbon quantum dots for fluorescent detection of phenol and insights into the mechanism. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11485-11492	3.6	17
22	Ionothermal Synthesis of Graphene-Based Hierarchically Porous Carbon for High-Energy Supercapacitors with Ionic Liquid Electrolyte. <i>Electrochimica Acta</i> , <b>2017</b> , 241, 124-131	6.7	16
21	Promotion of oxygen reduction performance by Fe <sub>3</sub> O <sub>4</sub> nanoparticles support nitrogen-doped three dimensional meso/macroporous carbon based electrocatalyst. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 4133-4145	6.7	15
20	Hollow Tin Dioxide Microspheres With Multilayered Nanocrystalline Shells for Pseudocapacitor. <i>Electrochimica Acta</i> , <b>2015</b> , 155, 437-446	6.7	13
19	A mechanism of the luminescent covalent organic framework for the detection of NH <sub>3</sub> . <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9274-9279	3.6	11
18	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> , <b>2012</b> , 97, 589-93	4.4	10
17	Molecular structure simplification of the most common hole transport materials in perovskite solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 96990-96996	3.7	10
16	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> , <b>2019</b> , 7, 25297-25304	13	10
15	Enhancing oxygen reduction reaction durability via coating graphene layers on iron-nitrogen supported carbon nanotubes. <i>RSC Advances</i> , <b>2016</b> , 6, 73581-73588	3.7	8

14	Pseudohalogen-Based 2D Perovskite: A More Complex Thermal Degradation Mechanism Than 3D Perovskite. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2045-2050	5.1	7
13	Ionothermal synthesis of graphene-based microporous carbon for lithium-sulfur batteries. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 2483-2490	3.6	7
12	Tangerine peel-derived carbon supported manganese oxides catalyst for oxygen reduction reaction. <i>Applied Surface Science</i> , <b>2018</b> , 450, 251-259	6.7	6
11	Atomic-level structure engineering of Ni-substituted NiCo <sub>3</sub> S <sub>4</sub> for enhancing performance of supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 851, 113474	4.1	5
10	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> , <b>2021</b> , 23, 4690-4699	3.6	5
9	Efficient hierarchically synthesized Fe <sub>2</sub> P nanoparticles embedded in an N,P-doped mesoporous carbon catalyst for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 9488-9495	3.6	4
8	The dual-luminescence mechanism of the ESIPT chemosensor tetrasubstituted imidazole core compound: a TDDFT study. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11804-11810	3.6	4
7	Sulfur encapsulated in a wafer-like carbon substrate with interconnected meso/micropores for high-performance lithium-sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 3264-3269	6.8	4
6	Facile synthesis of efficient core-shell structured iron-based carbon catalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 1386-1395	6.7	4
5	Computational insights into the mechanism of formaldehyde detection by luminescent covalent organic framework. <i>Journal of Molecular Modeling</i> , <b>2019</b> , 25, 248	2	3
4	Tuned single atom coordination structures mediated by polarization force and sulfur anions for photovoltaics. <i>Nano Research</i> , <b>2021</b> , 14, 4025	10	3
3	Role of water oxidation in the photoreduction of graphene oxide. <i>Chemical Communications</i> , <b>2019</b> , 55, 1837-1840	5.8	2
2	Insights into the existing form of glycolaldehyde in methanol solution: an experimental and theoretical investigation. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 8149-8154	3.6	1
1	Identification of glycolaldehyde, the simplest sugar, in plant systems. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 6360-6365	3.6	