

Hu Guo

List of Publications by Year in descending order

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30
papers

969
citations

471509

17
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1573
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-carbonyl iron cross-linked composites with excellent electromagnetic wave absorption properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6582-6591.	5.5	227
2	Fabrication of PdCo Bimetallic Nanoparticles Anchored on Three-Dimensional Ordered N-Doped Porous Carbon as an Efficient Catalyst for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20766-20771.	8.0	87
3	Preparation of the TiO ₂ /Graphitic Carbon Nitride Core-Shell Array as a Photoanode for Efficient Photoelectrochemical Water Splitting. <i>Langmuir</i> , 2016, 32, 13322-13332.	3.5	76
4	Cobalt-Doped Perovskite-Type Oxide LaMnO ₃ as Bifunctional Oxygen Catalysts for Hybrid Lithium-Oxygen Batteries. <i>Chemistry - an Asian Journal</i> , 2018, 13, 528-535.	3.3	67
5	High-Loading Nickel Cobaltate Nanoparticles Anchored on Three-Dimensional N-Doped Graphene as an Efficient Bifunctional Catalyst for Lithium-Oxygen Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18060-18068.	8.0	61
6	Synthesis of yellow mesoporous Ni-doped TiO ₂ with enhanced photoelectrochemical performance under visible light. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 898-906.	6.0	43
7	Porous Iron-Tungsten Carbide Electrocatalyst with High Activity and Stability toward Oxygen Reduction Reaction: From the Self-Assisted Synthetic Mechanism to Its Active-Species Probing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3713-3722.	8.0	39
8	Designed 3D heterostructure with 0D/1D/2D hierarchy for low-frequency microwave absorption in the S-band. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1470-1478.	5.5	39
9	Functional Species Encapsulated in Nitrogen-Doped Porous Carbon as a Highly Efficient Catalyst for the Oxygen Reduction Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 3398-3405.	3.3	31
10	Effective Magnetic MOFs Adsorbent for the Removal of Bisphenol A, Tetracycline, Congo Red and Methylene Blue Pollutions. <i>Nanomaterials</i> , 2021, 11, 1917.	4.1	31
11	Energetic metastable Al/CuO/PVDF/RDX microspheres with enhanced combustion performance. <i>Chemical Engineering Science</i> , 2021, 231, 116302.	3.8	30
12	Visible Light Photoanode Material for Photoelectrochemical Water Splitting: A Review of Bismuth Vanadate. <i>Energy & Fuels</i> , 2022, 36, 11404-11427.	5.1	28
13	Fabrication of perovskite-based porous nanotubes as efficient bifunctional catalyst and application in hybrid lithium-oxygen batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16943-16949.	10.3	23
14	Synthesis of Tungsten Trioxide/Hematite Core-Shell Nanoarrays for Efficient Photoelectrochemical Water Splitting. <i>ChemElectroChem</i> , 2019, 6, 543-551.	3.4	21
15	In situ synthesis of graphene/carbon nanotube modified ordered mesoporous carbon as protective film of stainless steel bipolar plates for proton exchange membrane fuel cells. <i>RSC Advances</i> , 2014, 4, 57724-57732.	3.6	19
16	Host-Guest Assembly of H-Bonding Networks in Covalent Organic Frameworks for Ultrafast and Anhydrous Proton Transfer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37172-37178.	8.0	19
17	Constructing Ordered Three-Dimensional TiO ₂ Channels for Enhanced Visible-Light Photocatalytic Performance in CO ₂ Conversion Induced by Au Nanoparticles. <i>Chemistry - an Asian Journal</i> , 2018, 13, 577-583.	3.3	18
18	Tungsten Nitride-Cobalt Anchored in N-Doped Ordered Porous Carbon as an Efficient Oxygen Reduction Reaction Electrocatalyst. <i>Chemistry - an Asian Journal</i> , 2017, 12, 60-66.	3.3	16

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19	A freestanding 3D heterophase tungsten disulfide-based aerogel as an ultrathin microwave absorber in the Ku-band. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13848-13857.	10.3	14
20	Co ₃ O ₄ Nanoparticle-Decorated N-Doped Mesoporous Carbon Nanofibers as an Efficient Catalyst for Oxygen Reduction Reaction. <i>Catalysts</i> , 2017, 7, 189.	3.5	13
21	Facile and economical synthesis for apple-shaped porous LiFePO ₄ /carbon composites for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 39400-39407.	3.6	12
22	High over-potential nitrogen-doped activated carbon towards hydrogen evolution inhibition in sulfuric acid solution. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14170-14179.	2.2	11
23	Simulation of printer nozzle for 3D printing TNT/HMX based melt-cast explosive. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 3105-3117.	3.0	10
24	In situ palladium/nitrogen-doped ordered mesoporous carbon hybrids as highly active and durable electrocatalysts for oxygen reduction reaction. <i>Journal of Porous Materials</i> , 2019, 26, 371-379.	2.6	8
25	Controllable synthesis of Co ₃ W ₃ N supporting on N-doped GO as electrocatalysts for oxygen reduction reaction. <i>Chemical Physics Letters</i> , 2022, 793, 139429.	2.6	6
26	An efficient WN catalyst nitrogenized from morphology-controllable WO ₃ for oxygen reduction reaction. <i>Materials Letters</i> , 2021, 291, 129433.	2.6	5
27	Amido-Functionalized Magnetic Metal-Organic Frameworks Adsorbent for the Removal of Bisphenol A and Tetracycline. <i>Frontiers in Chemistry</i> , 2021, 9, 707559.	3.6	5
28	An efficient Co-WN/CNTs composite catalyst with multiple active sites for oxygen reduction reaction activity. <i>Chemical Physics Letters</i> , 2021, 770, 138452.	2.6	4
29	Catalytic properties of Cu-Cr ₂ O ₃ -PbO ternary nanocomposites favorable for the pyrolysis of ammonium perchlorate. <i>Energetic Materials Frontiers</i> , 2022, 3, 226-232.	3.2	4
30	N-Doped ordered porous carbon decorated with WN and Ni nanoparticles for enhanced electrocatalytic properties. <i>Journal of Porous Materials</i> , 2020, 27, 719-726.	2.6	2