Hu Guo

List of Publications by Year
in descending order

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	Simulation of printer nozzle for 3D printing TNT/HMX based melt-cast explosive. International Journal of Advanced Manufacturing Technology, 2022, 119, 3105-3117.	3.0	10
2	Designed 3D heterostructure with 0D/1D/2D hierarchy for low-frequency microwave absorption in the S-band. Journal of Materials Chemistry C, 2022, 10, 1470-1478.	5.5	39
3	Controllable synthesis of Co3W3N supporting on N-doped GO as electrocatalysts for oxygen reduction reaction. Chemical Physics Letters, 2022, 793, 139429.	2.6	6
4	Catalytic properties of CuOâ€"Cr2O3â€"PbO ternary nanocomposites favorable for the pyrolysis of ammonium perchlorate. Energetic Materials Frontiers, 2022, 3, 226-232.	3.2	4
5	Visible Light Photoanode Material for Photoelectrochemical Water Splitting: A Review of Bismuth Vanadate. Energy & Fuels, 2022, 36, 11404-11427.	5.1	28
6	A freestanding 3D heterophase tungsten disulfide-based aerogel as an ultrathin microwave absorber in the Ku-band. Journal of Materials Chemistry A, 2022, 10, 13848-13857.	10.3	14
7	Energetic metastable Al/CuO/PVDF/RDX microspheres with enhanced combustion performance. Chemical Engineering Science, 2021, 231, 116302.	3.8	30
8	An efficient WN catalyst nitrogenized from morphology-controllable WO3 for oxygen reduction reaction. Materials Letters, 2021, 291, 129433.	2.6	5
9	An efficient Co-WN/CNTs composite catalyst with multiple active sites for oxygen reduction reaction activity. Chemical Physics Letters, 2021, 770, 138452.	2.6	4
10	Effective Magnetic MOFs Adsorbent for the Removal of Bisphenol A, Tetracycline, Congo Red and Methylene Blue Pollutions. Nanomaterials, 2021, 11, 1917.	4.1	31
11	Hostâ€"Guest Assembly of H-Bonding Networks in Covalent Organic Frameworks for Ultrafast and Anhydrous Proton Transfer. ACS Applied Materials & Interfaces, 2021, 13, 37172-37178.	8.0	19
12	Amido-Functionalized Magnetic Metalˆ'Organic Frameworks Adsorbent for the Removal of Bisphenol A and Tetracycline. Frontiers in Chemistry, 2021, 9, 707559.	3.6	5
13	N-Doped ordered porous carbon decorated with WN and Ni nanoparticles for enhanced electrocatalytic properties. Journal of Porous Materials, 2020, 27, 719-726.	2.6	2
14	Synthesis of Tungsten Trioxide/Hematite Coreâ€"Shell Nanoarrays for Efficient Photoelectrochemical Water Splitting. ChemElectroChem, 2019, 6, 543-551.	3.4	21
15	In situ palladium/nitrogen-doped ordered mesoporous carbon hybrids as highly active and durable electrocatalysts for oxygen reduction reaction. Journal of Porous Materials, 2019, 26, 371-379.	2.6	8
16	Constructing Ordered Threeâ€"Dimensional TiO_2 Channels for Enhanced Visibleâ€"Light Photocatalytic Performance in CO_2 Conversion Induced by Au Nanoparticles. Chemistry - an Asian Journal, 2018, 13, 577-583.	3.3	18
17	Cobaltâ€"Doped Perovskiteâ€"Type Oxide $LaMnO_3$ as Bifunctional Oxygen Catalysts for Hybrid Lithiumâ€"Oxygen Batteries. Chemistry - an Asian Journal, 2018, 13, 528-535.	3.3	67
18	High over-potential nitrogen-doped activated carbon towards hydrogen evolution inhibition in sulfuric acid solution. Journal of Materials Science: Materials in Electronics, 2018, 29, 14170-14179.	2.2	11

#	Article	IF	Citations
19	Fabrication of perovskite-based porous nanotubes as efficient bifunctional catalyst and application in hybrid lithium–oxygen batteries. Journal of Materials Chemistry A, 2018, 6, 16943-16949.	10.3	23
20	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. ACS Applied Materials & Interfaces, 2017, 9, 3713-3722.	8.0	39
21	Synthesis of yellow mesoporous Ni-doped TiO_2 with enhanced photoelectrochemical performance under visible light. Inorganic Chemistry Frontiers, 2017, 4, 898-906.	6.0	43
22	Functional Species Encapsulated in Nitrogen–Doped Porous Carbon as a Highly Efficient Catalyst for the Oxygen Reduction Reaction. Chemistry - A European Journal, 2017, 23, 3398-3405.	3.3	31
23	Tungsten Nitride–Cobalt Anchored in N–Doped Ordered Porous Carbon as an Efficient Oxygen Reduction Reaction Electrocatalyst. Chemistry - an Asian Journal, 2017, 12, 60-66.	3.3	16
24	Co3O4 Nanoparticle-Decorated N-Doped Mesoporous Carbon Nanofibers as an Efficient Catalyst for Oxygen Reduction Reaction. Catalysts, 2017, 7, 189.	3.5	13
25	High-Loading Nickel Cobaltate Nanoparticles Anchored on Three-Dimensional N-Doped Graphene as an Efficient Bifunctional Catalyst for Lithium–Oxygen Batteries. ACS Applied Materials & Interfaces, 2016, 8, 18060-18068.	8.0	61
26	Preparation of the TiO_2/Graphic Carbon Nitride Core–Shell Array as a Photoanode for Efficient Photoelectrochemical Water Splitting. Langmuir, 2016, 32, 13322-13332.	3.5	76
27	Fabrication of PdCo Bimetallic Nanoparticles Anchored on Three-Dimensional Ordered N-Doped Porous Carbon as an Efficient Catalyst for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2016, 8, 20766-20771.	8.0	87
28	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. RSC Advances, 2014, 4, 57724-57732.	3.6	19
29	Facile and economical synthesis for "plum pudding"-shaped porous $LiFePO_4$/carbon composites for lithium ion batteries. RSC Advances, 2014, 4, 39400-39407.	3.6	12
30	Graphene–carbonyl iron cross-linked composites with excellent electromagnetic wave absorption properties. Journal of Materials Chemistry C, 2014, 2, 6582-6591.	5.5	227