

Yang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

364
citations

840776
11
h-index

794594
19
g-index

20
all docs

20
docs citations

20
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-functional graphene/carbon nanotube aerogels for its applications in supercapacitor and direct methanol fuel cell. <i>Electrochimica Acta</i> , 2018, 264, 12-19.	5.2	73
2	Three-dimensional crumpled graphene as an electro-catalyst support for formic acid electro-oxidation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4587-4591.	10.3	47
3	La/Ce-codoped Bi ₂ O ₃ composite photocatalysts with high photocatalytic performance in removal of high concentration dye. <i>Journal of Environmental Sciences</i> , 2017, 60, 70-77.	6.1	34
4	High-performance gas-liquid electricity cogeneration using a direct carbon solid oxide fuel cell fueled by biochar derived from camellia oleifera shells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 29322-29330.	7.1	29
5	Core-shell hierarchical WO ₂ /WO ₃ microspheres as an electrocatalyst support for methanol electrooxidation. <i>Chemical Communications</i> , 2015, 51, 15297-15299.	4.1	26
6	Effects of alloying elements X (X=Zr, V, Cr, Mn, Mo, W, Nb, Y) on ferrite/TiC heterogeneous nucleation interface: first-principles study. <i>Journal of Iron and Steel Research International</i> , 2017, 24, 328-334.	2.8	21
7	Platinum nanoparticles supported on hollow mesoporous tungsten trioxide microsphere as electrocatalyst for methanol oxidation. <i>Electrochimica Acta</i> , 2013, 111, 588-592.	5.2	19
8	Synergistic and Durable Pt-WC Catalyst for Methanol Electro-Oxidation in Ionic Liquid Aqueous Solution. <i>ACS Applied Energy Materials</i> , 2019, 2, 8459-8463.	5.1	19
9	Experimental and computational studies on S-decorated Ti ₃ C ₂ MXene as anode material in Li-ion batteries. <i>Journal of Materials Science</i> , 2022, 57, 7001-7011.	3.7	19
10	First principles study of surface properties and oxygen adsorption on the surface of Al ₃ Ti intermetallic alloys. <i>RSC Advances</i> , 2019, 9, 1752-1758.	3.6	15
11	Hierarchical Hollow Tungsten Trioxide Sphere as an Electrocatalyst Support for Formic Acid Electrooxidation. <i>Journal of the Electrochemical Society</i> , 2014, 161, F583-F587.	2.9	13
12	First-principles insights into ammonia decomposition on WC (0001) surface terminated by W and C. <i>Applied Surface Science</i> , 2021, 566, 150635.	6.1	10
13	A two-dimensional MXene/BN van der Waals heterostructure as an anode material for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13713-13719.	2.8	9
14	Core-shell hierarchical tungsten carbide composite microspheres towards methanol electrooxidation. <i>Journal of Fuel Chemistry and Technology</i> , 2018, 46, 585-591.	2.0	7
15	Nitrogen-doped graphene/tungsten oxide microspheres as an electro-catalyst support for formic acid electro-oxidation. <i>RSC Advances</i> , 2016, 6, 92852-92856.	3.6	6
16	Palladium nanoparticles supported on hollow mesoporous Tungsten carbide microsphere as electrocatalyst for formic acid oxidation. <i>Journal of Fuel Chemistry and Technology</i> , 2016, 44, 698-702.	2.0	5
17	Bifunctional N-Doped Tungsten Trioxide Microspheres as Electrode Materials for Lithium-Ion Batteries and Direct Methanol Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2020, 124, 21261-21267.	3.1	5
18	First-principles insights into ammonia decomposition on the MoN(0001) surface. <i>New Journal of Chemistry</i> , 2021, 45, 15234-15239.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Synthesis of hierarchical hollow tungsten trioxide sphere and its evaluation as an electrocatalyst support for methanol oxidation. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 315-320.	2.5	3
20	Fe precipitation at the grain boundaries in Zn ²⁺ -reacted Nd ²⁺ -Fe ²⁺ -B magnets: Experimental and first ²⁺ -principles studies. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 158-164.	1.8	0