

Yi Yang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

341
citations

840776

11
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramolecular hydroxyl nucleophilic attack pathway by a polymeric water oxidation catalyst with single cobalt sites. <i>Nature Catalysis</i> , 2022, 5, 414-429.	34.4	85
2	In situ synthesis of PtPd bimetallic nanocatalysts supported on graphene nanosheets for methanol oxidation using triblock copolymer as reducer and stabilizer. <i>Journal of Electroanalytical Chemistry</i> , 2016, 783, 132-139.	3.8	34
3	Facile Aqueous-Phase Synthesis and Electrochemical Properties of Novel PtPd Hollow Nanocatalysts. <i>Electrochimica Acta</i> , 2016, 212, 966-972.	5.2	30
4	Free-standing ternary PtPdRu nanocatalysts with enhanced activity and durability for methanol electrooxidation. <i>Electrochimica Acta</i> , 2016, 222, 1094-1102.	5.2	29
5	Tuning morphology, composition and oxygen reduction reaction (ORR) catalytic performance of manganese oxide particles fabricated by I^{137} -radiation induced synthesis. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 71-79.	9.4	29
6	In-situ loading synthesis of graphene supported PtCu nanocube and its high activity and stability for methanol oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 107-117.	9.4	26
7	Facile one-pot hydrothermal synthesis and electrochemical properties of carbon nanospheres supported Pt nanocatalysts. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 12062-12068.	7.1	22
8	Studies on the synthesis and electrocatalytic properties of hollow PdAu nanocatalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 16139-16148.	7.1	21
9	Hollow Pt-Based Nanocatalysts Synthesized through Galvanic Replacement Reaction for Application in Proton Exchange Membrane Fuel Cells. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2016, 32, 834-847.	4.9	14
10	Gamma-radiation induced synthesis of freestanding nickel nanoparticles. <i>Dalton Transactions</i> , 2021, 50, 376-383.	3.3	14
11	Studies on the synthesis, dealloying, and electrocatalytic properties of CoPd nanocatalysts. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1799-1805.	2.5	13
12	Synthesis, characterization and magnetic properties of highly monodispersed PtNi nanoparticles. <i>Materials Chemistry and Physics</i> , 2015, 155, 47-51.	4.0	11
13	Core-shell and heterostructured silver-nickel nanocatalysts fabricated by I^{137} -radiation induced synthesis for oxygen reduction in alkaline media. <i>Dalton Transactions</i> , 2022, 51, 3604-3615.	3.3	9
14	Radiation Chemistry Provides Nanoscopic Insights into the Role of Intermediate Phases in CeO_2 Mesocrystal Formation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202112204.	13.8	3
15	Radiation Chemistry Provides Nanoscopic Insights into the Role of Intermediate Phases in CeO_2 Mesocrystal Formation. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
16	Ionizing Radiation Induced Formation of CeO_2 Mesocrystals: I^{137} -Irradiation versus High-Energy Electron Irradiation. <i>Microscopy and Microanalysis</i> , 2021, 27, 107-108.	0.4	0