

Sourav Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

545
citations

840119

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839053

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23
all docs

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docs citations

23
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	A GPx-mimetic copper vanadate nanozyme mediates the release of nitric oxide from <i>S</i> -nitrosothiols. <i>Faraday Discussions</i> , 2022, 234, 284-303.	1.6	8
2	Thermal catalytic conversion: general discussion. <i>Faraday Discussions</i> , 2021, 230, 124-151.	1.6	0
3	Antioxidant nanozyme counteracts HIV-1 by modulating intracellular redox potential. <i>EMBO Molecular Medicine</i> , 2021, 13, e13314.	3.3	21
4	Hybrid CoMoS - polyaniline nanowires catalysts for hydrodesulfurisation applications. <i>Applied Catalysis A: General</i> , 2021, 623, 118264.	2.2	11
5	Emerging technologies: general discussion. <i>Faraday Discussions</i> , 2021, 230, 388-412.	1.6	0
6	Ultralow thermal conductivity and high thermoelectric figure of merit in Cu ₂ Te-Ag ₂ Te composites. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156540.	2.8	13
7	Nanoceria-Based Phospholipase-Mimetic Cell Membrane Disruptive Antibiofilm Agents. <i>ACS Applied Bio Materials</i> , 2020, 3, 4316-4328.	2.3	23
8	Synthesis of colloidal MoS _x nanoparticles and their transformation into carbon supported MoS ₂ nanocomposite. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
9	Crystal-facet-dependent denitrosylation: modulation of NO release from <i>S</i> -nitrosothiols by Cu ₂ O polymorphs. <i>Chemical Science</i> , 2019, 10, 5308-5318.	3.7	22
10	Understanding the role of oxo and peroxido species in the glutathione peroxidase (GPx)-like activity of metal based nanozymes. <i>Inorganica Chimica Acta</i> , 2019, 484, 283-290.	1.2	12
11	Innen- und Außenwirkung: Nanoisozymen: Crystal-Facet-Dependent Enzyme-Mimetic Activity of V ₂ O ₅ Nanomaterials (<i>Angew. Chem.</i> 17/2018). <i>Angewandte Chemie</i> , 2018, 130, 4895-4895.	1.6	0
12	Effect of the Crystallographic Phase of Ruthenium Nanosponges on Arene and Substituted-Arene Hydrogenation Activity. <i>ChemCatChem</i> , 2018, 10, 3086-3095.	1.8	17
13	Nanoisozymes: Crystal-Facet-Dependent Enzyme-Mimetic Activity of V ₂ O ₅ Nanomaterials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4510-4515.	7.2	181
14	Nanoisozymes: Crystal-Facet-Dependent Enzyme-Mimetic Activity of V ₂ O ₅ Nanomaterials. <i>Angewandte Chemie</i> , 2018, 130, 4600-4605.	1.6	65
15	A capping agent dissolution method for the synthesis of metal nanosponges and their catalytic activity towards nitroarene reduction under mild conditions. <i>Dalton Transactions</i> , 2018, 47, 17401-17411.	1.6	10
16	Facile synthesis of BSCF perovskite oxide as an efficient bifunctional oxygen electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20671-20679.	3.8	22
17	Synthesis and Mechanism of Formation of Metal Nanosponges and their Catalytic and Hydrogen Sorption Properties. <i>ChemistrySelect</i> , 2018, 3, 7184-7194.	0.7	5
18	Study of the Capacitive Behavior of MOF-Derived Nanocarbon Polyhedra. <i>ChemistrySelect</i> , 2018, 3, 6107-6111.	0.7	7

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19	Synthesis of mesoporous iridium nanosponge: a highly active, thermally stable and efficient olefin hydrogenation catalyst. Dalton Transactions, 2017, 46, 11431-11439.	1.6	10
20	Facile Synthesis of MoS _x and MoS _x @rGO Composite: Excellent Electrocatalyst for Hydrogen Evolution Reaction. ChemistrySelect, 2017, 2, 11590-11598.	0.7	11
21	A Remarkably Efficient MnFe ₂ O ₄ -based Oxidase Nanozyme. Chemistry - an Asian Journal, 2016, 11, 72-76.	1.7	103