Sourav Ghosh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3795319/publications.pdf

Version: 2024-02-01

21	545	840119 11	839053 18
papers	citations	h-index	g-index

23	23	23	861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoisozymes: Crystalâ€Facetâ€Dependent Enzymeâ€Mimetic Activity of V₂O₅ Nanomaterials. Angewandte Chemie - International Edition, 2018, 57, 4510-4515.	7.2	181
2	A Remarkably Efficient MnFe₂O₄â€based Oxidase Nanozyme. Chemistry - an Asian Journal, 2016, 11, 72-76.	1.7	103
3	Nanoisozymes: Crystalâ€Facetâ€Dependent Enzymeâ€Mimetic Activity of V₂O₅ Nanomaterials. Angewandte Chemie, 2018, 130, 4600-4605.	1.6	65
4	Nanoceria-Based Phospholipase-Mimetic Cell Membrane Disruptive Antibiofilm Agents. ACS Applied Bio Materials, 2020, 3, 4316-4328.	2.3	23
5	Facile synthesis of BSCF perovskite oxide as an efficient bifunctional oxygen electrocatalyst. International Journal of Hydrogen Energy, 2018, 43, 20671-20679.	3.8	22
6	Crystal-facet-dependent denitrosylation: modulation of NO release fromS-nitrosothiols by Cu₂O polymorphs. Chemical Science, 2019, 10, 5308-5318.	3.7	22
7	Antioxidant nanozyme counteracts HIVâ€1 by modulating intracellular redox potential. EMBO Molecular Medicine, 2021, 13, e13314.	3.3	21
8	Effect of the Crystallographic Phase of Ruthenium Nanosponges on Arene and Substitutedâ€Arene Hydrogenation Activity. ChemCatChem, 2018, 10, 3086-3095.	1.8	17
9	Ultralow thermal conductivity and high thermoelectric figure of merit in Cu2Teâ€“Ag2Te composites. Journal of Alloys and Compounds, 2020, 848, 156540.	2.8	13
10	Understanding the role of oxo and peroxido species in the glutathione peroxidase (GPx)-like activity of metal based nanozymes. Inorganica Chimica Acta, 2019, 484, 283-290.	1.2	12
11	Facile Synthesis of MoS_x and MoS_xâ€rGO Composite: Excellent Electrocatalyst for Hydrogen Evolution Reaction. ChemistrySelect, 2017, 2, 11590-11598.	0.7	11
12	Hybrid CoMoS - polyaniline nanowires catalysts for hydrodesulfurisation applications. Applied Catalysis A: General, 2021, 623, 118264.	2.2	11
13	Synthesis of mesoporous iridium nanosponge: a highly active, thermally stable and efficient olefin hydrogenation catalyst. Dalton Transactions, 2017, 46, 11431-11439.	1.6	10
14	A capping agent dissolution method for the synthesis of metal nanosponges and their catalytic activity towards nitroarene reduction under mild conditions. Dalton Transactions, 2018, 47, 17401-17411.	1.6	10
15	A GPx-mimetic copper vanadate nanozyme mediates the release of nitric oxide fromS-nitrosothiols. Faraday Discussions, 2022, 234, 284-303.	1.6	8
16	Study of the Capacitive Behavior of MOFâ€Derived Nanocarbon Polyhedra. ChemistrySelect, 2018, 3, 6107-6111.	0.7	7
17	Synthesis and Mechanism of Formation of Metal Nanosponges and their Catalytic and Hydrogen Sorption Properties. ChemistrySelect, 2018, 3, 7184-7194.	0.7	5
18	InnenrÃ¼cktitelbild: Nanoisozymes: Crystalâ€Facetâ€Dependent Enzymeâ€Mimetic Activity of V₂O₅ Nanomaterials (Angew. Chem. 17/2018). Angewandte Chemie, 2018, 130, 4895-4895.	1.6	0

#	Article	IF	Citations
19	Synthesis of colloidal MoSx nanoparticles and their transformation into carbon supported MoS2 nanocomposite. AIP Conference Proceedings, 2019, , .	0.3	0
20	Thermal catalytic conversion: general discussion. Faraday Discussions, 2021, 230, 124-151.	1.6	0
21	Emerging technologies: general discussion. Faraday Discussions, 2021, 230, 388-412.	1.6	0