

Jhon Cuya Huaman

List of Publications by Year in descending order

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20
papers

626
citations

759055

12
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Cu Nanowire Synthesis by PVP-Ethylene Glycol Route. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-10.	1.5	239
2	Copper nanoparticles synthesized by hydroxyl ion assisted alcohol reduction for conducting ink. <i>Journal of Materials Chemistry</i> , 2011, 21, 7062.	6.7	73
3	Estimation of Magnetic Anisotropy of Individual Magnetite Nanoparticles for Magnetic Hyperthermia. <i>ACS Nano</i> , 2020, 14, 8421-8432.	7.3	63
4	Dissolution and reduction of cobalt ions in the polyol process using ethylene glycol: identification of the active species and its role. <i>New Journal of Chemistry</i> , 2015, 39, 5008-5018.	1.4	39
5	Towards a designed synthesis of metallic nanoparticles in polyols – elucidation of the redox scheme in a cobalt-ethylene glycol system. <i>New Journal of Chemistry</i> , 2016, 40, 8632-8642.	1.4	35
6	Novel standing Ni-Pt alloy nanocubes. <i>CrystEngComm</i> , 2011, 13, 3364.	1.3	26
7	Formation of Pt decorated Ni-Pt nanocubes through low temperature atomic diffusion – time-resolved elemental analysis of nanoparticle formation. <i>Nanoscale</i> , 2015, 7, 9927-9934.	2.8	24
8	Size-controlled monodispersed nickel nanocrystals using 2-octanol as reducing agent. <i>CrystEngComm</i> , 2013, 15, 729-737.	1.3	22
9	Selection Criteria for Metal Precursors and Solvents for Targeted Synthesis of Metallic Nanostructures Via Kinetic Control in the Polyol Process. <i>Inorganic Chemistry</i> , 2021, 60, 3025-3036.	1.9	17
10	Magneto-Plasmonic Co@Pt@Au Nanocrystals for Biosensing and Therapeutics. <i>ACS Applied Nano Materials</i> , 2020, 3, 418-427.	2.4	15
11	Designed synthesis of highly catalytic Ni-Pt nanoparticles for fuel cell applications. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	14
12	<i>In situ</i> spectroscopic studies of the one-pot synthesis of composition-controlled Cu-Ni nanowires with enhanced catalytic activity. <i>New Journal of Chemistry</i> , 2018, 42, 13044-13053.	1.4	13
13	Large-scale synthesis of ITO nanoparticles in an alcohol system assisted by acids. <i>New Journal of Chemistry</i> , 2014, 38, 3421-3428.	1.4	10
14	Design of monoalcohol – Copolymer system for high quality silver nanowires. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 315-327.	5.0	10
15	Strategy to Design-Synthesize Bimetallic Nanostructures Using the Alcohol Reduction Method. <i>Inorganic Chemistry</i> , 2021, 60, 14436-14445.	1.9	10
16	Theoretical and Experimental Evaluation of the Reduction Potential of Straight-Chain Alcohols for the Designed Synthesis of Bimetallic Nanostructures. <i>Inorganic Chemistry</i> , 2021, 60, 9432-9441.	1.9	7
17	Macroscopic and Microscopic Structural Analyses of Needle-Shaped Condensed Phases in Magnetic Fluids under External Magnetic Fields. <i>Journal of Physical Chemistry C</i> , 2021, 125, 740-748.	1.5	4
18	Pt distribution-controlled Ni-Pt nanocrystals via an alcohol reduction technique for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2021, 45, 11183-11191.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Evaluation of interparticle interactions between magnetic nanoparticles using first order reversal curves and Weiss temperature. <i>Journal of Physics Communications</i> , 2021, 5, 045003.	0.5	2
20	Synthesis of copper nanoparticles by polyol/alcohol reduction method. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1400, 60.	0.1	1