

Jhonatan L Luiz Fiorio

List of Publications by Year in descending order

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18
papers

763
citations

759233

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all docs

19
docs citations

19
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotope-selective pore opening in a flexible metal-organic framework. <i>Science Advances</i> , 2022, 8, eabn7035.	10.3	28
2	Nanoengineering of Catalysts for Enhanced Hydrogen Production. <i>Hydrogen</i> , 2022, 3, 218-254.	3.4	11
3	Clean protocol for deoxygenation of epoxides to alkenes <i>via</i> catalytic hydrogenation using gold. <i>Catalysis Science and Technology</i> , 2021, 11, 312-318.	4.1	8
4	Rhenium – A Tuneable Player in Tailored Hydrogenation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4043-4065.	2.0	24
5	Piperazine-promoted gold-catalyzed hydrogenation: the influence of capping ligands. <i>Catalysis Science and Technology</i> , 2020, 10, 1996-2003.	4.1	12
6	Gold-amine cooperative catalysis for reductions and reductive aminations using formic acid as hydrogen source. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118728.	20.2	17
7	Reusable Heterogeneous Tungstophosphoric Acid-Derived Catalyst for Green Esterification of Carboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15874-15883.	6.7	23
8	The role and fate of capping ligands in colloidally prepared metal nanoparticle catalysts. <i>Dalton Transactions</i> , 2018, 47, 5889-5915.	3.3	205
9	Reaction Pathway Dependence in Plasmonic Catalysis: Hydrogenation as a Model Molecular Transformation. <i>Chemistry - A European Journal</i> , 2018, 24, 12330-12339.	3.3	33
10	Accessing Frustrated Lewis Pair Chemistry through Robust Gold@N-Doped Carbon for Selective Hydrogenation of Alkynes. <i>ACS Catalysis</i> , 2018, 8, 3516-3524.	11.2	88
11	Synergic Effect of Copper and Palladium for Selective Hydrogenation of Alkynes. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 16209-16216.	3.7	27
12	Controlling Reaction Selectivity over Hybrid Plasmonic Nanocatalysts. <i>Nano Letters</i> , 2018, 18, 7289-7297.	9.1	92
13	Gold-Ligand-Catalyzed Selective Hydrogenation of Alkynes into <i>cis</i> -Alkenes via H ₂ Heterolytic Activation by Frustrated Lewis Pairs. <i>ACS Catalysis</i> , 2017, 7, 2973-2980.	11.2	108
14	Tuning the Catalytic Activity and Selectivity of Pd Nanoparticles Using Ligand-Modified Supports and Surfaces. <i>ACS Omega</i> , 2017, 2, 6014-6022.	3.5	43
15	Investigation on chemical composition and optimization of essential oil obtainment from waste <i>Pinus taeda</i> L. using hydrodistillation. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	4
16	Syrup production via enzymatic conversion of a byproduct (broken rice) from rice industry. <i>Acta Scientiarum - Technology</i> , 2016, 38, 13.	0.4	7
17	Fermentation Kinetics of Rice Syrup, with High Content of Dextrose Equivalent, by <i>Saccharomyces cerevisiae</i> and Characterization of Volatile Compounds from Wine. <i>Journal of Food Processing and Preservation</i> , 2016, 40, 1199-1205.	2.0	5
18	Vinegar rice (<i>Oryza sativa</i> L.) produced by a submerged fermentation process from alcoholic fermented rice. <i>Food Science and Technology</i> , 2015, 35, 196-201.	1.7	27