

Jhonatan L Luiz Fiorio

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

763
citations

759233

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839539

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19
all docs

19
docs citations

19
times ranked

1443
citing authors

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