Rui Lu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7475259/publications.pdf

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15	516	1040018	940516
papers	citations	9 h-index	16 g-index

16	16	16	657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic production of low-carbon footprint sustainable natural gas. Nature Communications, 2022, 13, 258.	12.8	26
2	Sustainable synthesis of high-density fuel via catalytic cascade cycloaddition reaction. Journal of Energy Chemistry, 2022, 69, 231-236.	12.9	9
3	Cellulose Nanocrystalâ€supported Pdâ€Co Bimetallic Catalyst for Selective Hydrogenation of 3â€Nitrostyrene. ChemNanoMat, 2022, 8, .	2.8	5
4	Effect of Tungsten Species on Selective Hydrogenolysis of Glycerol to 1,3â€Propanediol. ChemSusChem, 2021, 14, 569-581.	6.8	44
5	Molybdenumâ€Catalyzed Deoxygenation Coupling of Ligninâ€Derived Alcohols for Functionalized Bibenzyl Chemicals. Chemistry - A European Journal, 2021, 27, 1292-1296.	3.3	8
6	Catalytic Conversion of Sugar-Derived Polyhydroxy Acid to Trimellitate. Industrial & Engineering Chemistry Research, 2021, 60, 4510-4515.	3.7	7
7	Sustainable Synthesis of Functionalized Naphthalenedicarboxylic Acid from Lignocellulose-Derived Platform Chemicals. ACS Sustainable Chemistry and Engineering, 2021, 9, 17096-17102.	6.7	3
8	Sustainable synthesis of 1,2,3,4-cyclohexanetetracarboxylate from sugar-derived carboxylic acids. Chemical Communications, 2020, 56, 7499-7502.	4.1	5
9	Immobilized Ni Clusters in Mesoporous Aluminum Silica Nanospheres for Catalytic Hydrogenolysis of Lignin. ACS Sustainable Chemistry and Engineering, 2019, 7, 19034-19041.	6.7	32
10	Production of Plant Phthalate and its Hydrogenated Derivative from Bioâ€Based Platform Chemicals. ChemSusChem, 2018, 11, 1621-1627.	6.8	19
11	Selective synthesis of dimethoxyethane via directly catalytic etherification of crude ethylene glycol. Green Chemistry, 2017, 19, 3327-3333.	9.0	8
12	A strategy for generating high-quality cellulose and lignin simultaneously from woody biomass. Green Chemistry, 2017, 19, 4849-4857.	9.0	82
13	High Yield Production of Natural Phenolic Alcohols from Woody Biomass Using a Nickelâ€Based Catalyst. ChemSusChem, 2016, 9, 3353-3360.	6.8	104
14	Production of Diethyl Terephthalate from Biomassâ€Derived Muconic Acid. Angewandte Chemie - International Edition, 2016, 55, 249-253.	13.8	108
15	Preparing acid-resistant Ru-based catalysts by carbothermal reduction for hydrogenation of itaconic acid. RSC Advances, 2015, 5, 97256-97263.	3.6	13