

Ruoshui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3868970/publications.pdf>

Version: 2024-02-01

12
papers

1,391
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium trichloride catalyzed conversion of cellulose into 5-hydroxymethylfurfural in biphasic system. <i>Bioresource Technology</i> , 2019, 279, 84-91.	9.6	74
2	New Insights Toward Quantitative Relationships between Lignin Reactivity to Monomers and Their Structural Characteristics. <i>ChemSusChem</i> , 2018, 11, 2146-2155.	6.8	19
3	Recent advances in oxidative valorization of lignin. <i>Catalysis Today</i> , 2018, 302, 50-60.	4.4	155
4	Characterization of Value-Added Non-Carbohydrate Compounds Solubilized during Acidic Hot Water Flowthrough Pretreatment of Poplar Wood. <i>BioResources</i> , 2016, 12, .	1.0	1
5	Peracetic Acid Depolymerization of Biorefinery Lignin for Production of Selective Monomeric Phenolic Compounds. <i>Chemistry - A European Journal</i> , 2016, 22, 10884-10891.	3.3	42
6	Hot Water Pretreatment of Lignocellulosic Biomass: An Effective and Environmentally Friendly Approach to Enhance Biofuel Production. <i>Chemical Engineering and Technology</i> , 2016, 39, 1759-1770.	1.5	43
7	Unique low-molecular-weight lignin with high purity extracted from wood by deep eutectic solvents (DES): a source of lignin for valorization. <i>Green Chemistry</i> , 2016, 18, 5133-5141.	9.0	457
8	Assembly of Maghemite Nanoparticles Into Particulate Nanosheets and Their Application in Wastewater Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5384-5390.	0.9	1
9	Catalytic Oxidation of Biorefinery Lignin to Value-Added Chemicals to Support Sustainable Biofuel Production. <i>ChemSusChem</i> , 2015, 8, 24-51.	6.8	378
10	Selective Conversion of Biorefinery Lignin into Dicarboxylic Acids. <i>ChemSusChem</i> , 2014, 7, 412-415.	6.8	120
11	A facile synthetic approach for copper iron sulfide nanocrystals with enhanced thermoelectric performance. <i>Nanoscale</i> , 2012, 4, 6265.	5.6	90
12	Hydrothermal synthesis and phase stability of CoNb ₂ O ₆ with a rutile structure. <i>Materials Letters</i> , 2011, 65, 2880-2882.	2.6	9