

Haiwei Guo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

657
citations

840776

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1199594

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times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective cleavage of lignin and lignin model compounds without external hydrogen, catalyzed by heterogeneous nickel catalysts. <i>Chemical Science</i> , 2019, 10, 4458-4468.	7.4	154
2	Valorization of Lignin to Simple Phenolic Compounds over Tungsten Carbide: Impact of Lignin Structure. <i>ChemSusChem</i> , 2017, 10, 523-532.	6.8	141
3	Tungsten Carbide: A Remarkably Efficient Catalyst for the Selective Cleavage of Lignin C—O Bonds. <i>ChemSusChem</i> , 2016, 9, 3220-3229.	6.8	72
4	Unravelling the enigma of lignin^{OX}: can the oxidation of lignin be controlled?. <i>Chemical Science</i> , 2018, 9, 702-711.	7.4	64
5	Tungsten-Based Bimetallic Catalysts for Selective Cleavage of Lignin C—O Bonds. <i>ChemCatChem</i> , 2018, 10, 415-421.	3.7	52
6	Is oxidation—reduction a real robust strategy for lignin conversion? A comparative study on lignin and model compounds. <i>Green Chemistry</i> , 2019, 21, 803-811.	9.0	46
7	Effects of Extraction Methods on Structure and Valorization of Corn Stover Lignin by a Pd/C Catalyst. <i>ChemCatChem</i> , 2017, 9, 1135-1143.	3.7	36
8	Enhanced lignin biodegradation by consortium of white rot fungi: microbial synergistic effects and product mapping. <i>Biotechnology for Biofuels</i> , 2021, 14, 162.	6.2	34
9	Tungsten-based catalysts for lignin depolymerization: the role of tungsten species in C—O bond cleavage. <i>Catalysis Science and Technology</i> , 2019, 9, 2144-2151.	4.1	28
10	Selective Cleavage of C—O Bonds in Lignin Catalyzed by Rhenium(VII) Oxide (Re ₂ O ₇). <i>ChemPlusChem</i> , 2018, 83, 500-505.	2.8	16
11	Selective Production of Toluene from Biomass-Derived Isoprene and Acrolein. <i>ChemSusChem</i> , 2016, 9, 3434-3440.	6.8	12
12	Selective Cleavage of C—O Bonds in Lignin Catalyzed by Rhenium(VII) Oxide (Re ₂ O ₇). <i>ChemPlusChem</i> , 2018, 83, 479-479.	2.8	0