

Guangqiang Lv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9901544/publications.pdf>

Version: 2024-02-01

17
papers

597
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide: A Convenient Metal-Free Carbocatalyst for Facilitating Aerobic Oxidation of 5-Hydroxymethylfurfural into 2, 5-Diformylfuran. <i>ACS Catalysis</i> , 2015, 5, 5636-5646.	11.2	154
2	Direct synthesis of 2,5-diformylfuran from fructose with graphene oxide as a bifunctional and metal-free catalyst. <i>Green Chemistry</i> , 2016, 18, 2302-2307.	9.0	79
3	Fe ₂ P@mesoporous carbon nanosheets synthesized via an organic template method as a cathode electrocatalyst for Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11321-11330.	10.3	54
4	Aerobic selective oxidation of 5-hydroxymethyl-furfural over nitrogen-doped graphene materials with 2,2,6,6-tetramethylpiperidin-oxyl as co-catalyst. <i>Catalysis Science and Technology</i> , 2016, 6, 2377-2386.	4.1	45
5	Efficient dehydration of fructose into 5-hydroxymethylfurfural in aqueous medium over silica-included heteropolyacids. <i>Journal of Cleaner Production</i> , 2017, 142, 2244-2251.	9.3	41
6	Efficient Oxidative Transformation of Furfural into Succinic Acid over Acidic Metal-Free Graphene Oxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 296-305.	6.7	40
7	Determination of the crucial functional groups in graphene oxide for vanadium oxide nanosheet fabrication and its catalytic application in 5-hydroxymethylfurfural and furfural oxidation. <i>Journal of Cleaner Production</i> , 2018, 196, 32-41.	9.3	29
8	Vanadium-oxo immobilized onto Schiff base modified graphene oxide for efficient catalytic oxidation of 5-hydroxymethylfurfural and furfural into maleic anhydride. <i>RSC Advances</i> , 2016, 6, 101277-101282.	3.6	28
9	Obtaining a high value branched bio-alkane from biomass-derived levulinic acid using RANEY® as hydrodeoxygenation catalyst. <i>RSC Advances</i> , 2016, 6, 93956-93962.	3.6	20
10	Synthesis of ceria nanorods as adsorbent for the adsorption desulfurization of gasoline fuel. <i>Journal of Alloys and Compounds</i> , 2018, 747, 189-196.	5.5	20
11	Synthesis of mesoporous silica-included heteropolyacids materials and the utilization for the alkylation of phenol with cyclohexene. <i>Microporous and Mesoporous Materials</i> , 2018, 261, 214-219.	4.4	17
12	A selective and economic carbon catalyst from waste for aqueous conversion of fructose into 5-hydroxymethylfurfural. <i>RSC Advances</i> , 2016, 6, 30160-30165.	3.6	15
13	Hydrodeoxygenation upgrading of bio-oil on Ni-based catalysts with low Ni loading. <i>Chemical Engineering Science</i> , 2019, 208, 115154.	3.8	14
14	Comparative study of catalytic hydrodeoxygenation performance over SBA-15 and TiO ₂ supported 20 wt% Ni for bio-oil upgrading. <i>Fuel</i> , 2019, 253, 630-636.	6.4	13
15	Benzoic Acid/TEMPO as a Highly Efficient Metal-Free Catalyst System for Selective Oxidation of 5-hydroxymethylfurfural into 2, 5-diformylfuran. <i>Energy Technology</i> , 2017, 5, 1429-1434.	3.8	12
16	Effect of Coordination Environment Surrounding a Single Pt Site on the Liquid-Phase Aerobic Oxidation of 5-Hydroxymethylfurfural. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48582-48594.	8.0	12
17	Value-Added Utilization of the Lignin-Derived Phenol Monomer and Bioethanol to Synthesize Ethylphenol and Ethyl Phenyl Ether. <i>Catalysis Surveys From Asia</i> , 2016, 20, 91-97.	2.6	4