

Wei Lv

List of Publications by Year in descending order

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15
papers

396
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933447

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643
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum oxide decorated Ru catalyst for enhancement of lignin oil hydrodeoxygenation to hydrocarbons. <i>Renewable Energy</i> , 2022, 188, 195-210.	8.9	18
2	Two-Step Esterification and Hydrogenation of Bio-Oil to Alcohols and Esters over Raney Ni Catalysts. <i>Catalysts</i> , 2021, 11, 818.	3.5	7
3	Metal-alkali catalytic valorization of lignocellulose towards aromatics and small molecular alcohols and acids in a holistic approach. <i>Cellulose</i> , 2021, 28, 9589-9611.	4.9	4
4	The effect of Ru/C and MgCl ₂ on the cleavage of inter- and intra-molecular linkages during cornstalk hydrolysis residue valorization. <i>Cellulose</i> , 2020, 27, 799-823.	4.9	9
5	Revisiting Alkaline Pretreatment of Lignocellulose: Understanding the Structural Evolution of Three Components. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000067.	5.3	11
6	Complementing Vanillin and Cellulose Production by Oxidation of Lignocellulose with Stirring Control. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2361-2374.	6.7	49
7	The Protection of C=O Bond of Pine Lignin in Different Organic Solvent Systems. <i>ChemistrySelect</i> , 2020, 5, 3850-3858.	1.5	4
8	Enhancement of Light Olefins Selectivity Over N-Doped Fischer-Tropsch Synthesis Catalyst Supported on Activated Carbon Pretreated with KMnO ₄ . <i>Catalysts</i> , 2019, 9, 505.	3.5	5
9	Selective Hydrodeoxygenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran over Alloyed Cu-Ni Encapsulated in Biochar Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19556-19569.	6.7	56
10	Modifying MgO with Carbon for Valorization of Lignin to Aromatics. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5751-5763.	6.7	19
11	Degradation of Vanillin During Lignin Valorization Under Alkaline Oxidation. <i>Topics in Current Chemistry</i> , 2018, 376, 29.	5.8	25
12	Synergistic Effect of EtOAc/H ₂ O Biphasic Solvent and Ru/C Catalyst for Cornstalk Hydrolysis Residue Depolymerization. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2981-2993.	6.7	31
13	Simply packaging Ni nanoparticles inside SBA-15 channels by co-impregnation for dry reforming of methane. <i>RSC Advances</i> , 2017, 7, 24551-24560.	3.6	24
14	Facile synthesis of ZnO nanorods grown on graphene sheets and its enhanced photocatalytic efficiency. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 550-558.	3.2	53
15	Pyrolysis and catalytic pyrolysis of industrial lignins by TG-FTIR: Kinetics and products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 108, 295-300.	5.5	81