Xueli Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5362751/publications.pdf

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15 papers	422 citations	840776 11 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	480 citing authors

#	Article	IF	Citations
1	Structureâ€“propertyâ€“degradability relationships of varisized lignocellulosic biomass induced by ball milling on enzymatic hydrolysis and alcoholysis. , 2022, 15, 36.		7
2	One-pot fractionation of corn stover with peracetic acid and maleic acid. Bioresource Technology, 2021, 320, 124306.	9.6	19
3	Nylon membranes modified by gold nanoparticles as surface-enhanced Raman spectroscopy substrates for several pesticides detection. RSC Advances, 2021, 11, 24183-24189.	3.6	7
4	Synthesis of ternary magnetic nanoparticles for enhanced catalytic conversion of biomass-derived methyl levulinate into Î³-valerolactone. Journal of Energy Chemistry, 2021, 63, 430-441.	12.9	7
5	Conversion of glucose to 5-hydroxymethyl furfural in water-acetonitrile-dimethyl sulfoxide solvent with aluminum on activated carbon and maleic acid. Industrial Crops and Products, 2021, 174, 114220.	5.2	7
6	Alcoholysis of Ball-Milled Corn Stover: The Enhanced Conversion of Carbohydrates into Biobased Chemicals over Combination Catalysts of [Bmim-SO₃H][HSO₄] and Al₂(SO₄)₃. Energy & Fuels, 2020, 34, 7085-7093.	5.1	14
7	Mechanochemical deconstruction of lignocellulosic cell wall polymers with ball-milling. Bioresource Technology, 2019, 286, 121364.	9.6	64
8	Ball milling for cellulose depolymerization and alcoholysis to produce methyl levulinate at mild temperature. Fuel Processing Technology, 2019, 188, 129-136.	7.2	32
9	Aluminum phosphotungstate as a promising bifunctional catalyst for biomass carbohydrate transformation to methyl levulinate under mild conditions. Journal of Cleaner Production, 2019, 215, 712-720.	9.3	41
10	Mechanical deconstruction of corn stover as an entry process to facilitate the microwave-assisted production of ethyl levulinate. Fuel Processing Technology, 2018, 174, 53-60.	7.2	55
11	Catalysis performance comparison of a BrÃ¸nsted acid H 2 SO 4 and a Lewis acid Al 2 (SO 4) 3 in methyl levulinate production from biomass carbohydrates. Journal of Energy Chemistry, 2018, 27, 552-558.	12.9	30
12	Impact of biomass feedstock variability on acid-catalyzed alcoholysis performance. Fuel Processing Technology, 2018, 180, 14-22.	7.2	16
13	Nitrogen-to-Protein Conversion Factors for Crop Residues and Animal Manure Common in China. Journal of Agricultural and Food Chemistry, 2017, 65, 9186-9190.	5.2	16
14	Ball Milling for Biomass Fractionation and Pretreatment with Aqueous Hydroxide Solutions. ACS Sustainable Chemistry and Engineering, 2017, 5, 7733-7742.	6.7	91
15	Product Analysis for Microwave-Assisted Methanolysis of Lignocellulose. Energy & Fuels, 2016, 30, 8246-8251.	5.1	16