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List of Publications by Year in descending order

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22
papers

701
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471371

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docs citations

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times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced direct production of sorbitol by cellulose ball-milling. <i>Green Chemistry</i> , 2015, 17, 2973-2980.	4.6	90
2	Carbon supported Ru-Ni bimetallic catalysts for the enhanced one-pot conversion of cellulose to sorbitol. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 265-274.	10.8	82
3	Catalytic conversion of cellulose to sorbitol over Ru supported on biomass-derived carbon-based materials. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117826.	10.8	61
4	Pd, Pt, and Pt@Cu Catalysts Supported on Carbon Nanotube (CNT) for the Selective Oxidation of Glycerol in Alkaline and Base-Free Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 8548-8556.	1.8	46
5	Direct conversion of cellulose to sorbitol over ruthenium catalysts: Influence of the support. <i>Catalysis Today</i> , 2017, 279, 244-251.	2.2	41
6	Cooperative action of heteropolyacids and carbon supported Ru catalysts for the conversion of cellulose. <i>Catalysis Today</i> , 2018, 301, 65-71.	2.2	39
7	Insights into the effect of the catalytic functions on selective production of ethylene glycol from lignocellulosic biomass over carbon supported ruthenium and tungsten catalysts. <i>Bioresource Technology</i> , 2018, 263, 402-409.	4.8	39
8	Direct catalytic production of sorbitol from waste cellulosic materials. <i>Bioresource Technology</i> , 2017, 232, 152-158.	4.8	34
9	Silica nanoparticles functionalized with a thermochromic dye for textile applications. <i>Journal of Materials Science</i> , 2013, 48, 5085-5092.	1.7	32
10	Hydrolytic hydrogenation of cellulose to ethylene glycol over carbon nanotubes supported Ru@W bimetallic catalysts. <i>Cellulose</i> , 2018, 25, 2259-2272.	2.4	31
11	From sorption-enhanced reactor to sorption-enhanced membrane reactor: A step towards H ₂ production optimization through glycerol steam reforming. <i>Chemical Engineering Journal</i> , 2019, 368, 795-811.	6.6	28
12	A one-pot method for the enhanced production of xylitol directly from hemicellulose (corn cob) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 302	1.7	27
13	Low temperature glycerol steam reforming over a Rh-based catalyst combined with oxidative regeneration. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2461-2473.	3.8	26
14	Glucose-based carbon materials as supports for the efficient catalytic transformation of cellulose directly to ethylene glycol. <i>Cellulose</i> , 2019, 26, 7337-7353.	2.4	24
15	Simultaneous catalytic conversion of cellulose and corn cob xylan under temperature programming for enhanced sorbitol and xylitol production. <i>Bioresource Technology</i> , 2017, 244, 1173-1177.	4.8	20
16	Influence of the Surface Chemistry of Multiwalled Carbon Nanotubes on the Selective Conversion of Cellulose into Sorbitol. <i>ChemCatChem</i> , 2017, 9, 888-896.	1.8	19
17	Direct catalytic conversion of agro-forestry biomass wastes into ethylene glycol over CNT supported Ru and W catalysts. <i>Industrial Crops and Products</i> , 2021, 166, 113461.	2.5	19
18	Screening of catalysts and reaction conditions for the direct conversion of corn cob xylan to xylitol. <i>Green Processing and Synthesis</i> , 2017, 6, .	1.3	13

#	ARTICLE	IF	CITATIONS
19	Air oxidized activated carbon catalyst for aerobic oxidative aromatizations of N-heterocycles. <i>Catalysis Science and Technology</i> , 2021, 11, 5962-5972.	2.1	12
20	An overview of the hydrolytic hydrogenation of lignocellulosic biomass using carbon-supported metal catalysts. <i>Materials Today Sustainability</i> , 2021, 11-12, 100058.	1.9	8
21	Comparative study of different catalysts for the direct conversion of cellulose to sorbitol. <i>Green Processing and Synthesis</i> , 2015, 4, .	1.3	6
22	Spontaneous gold decoration of activated carbons. <i>Inorganica Chimica Acta</i> , 2013, 408, 235-239.	1.2	4