

Sanette Marx

List of Publications by Year in descending order

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25
papers

646
citations

759233

12
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofuels from spent coffee grounds: comparison of processing routes. <i>Biofuels</i> , 2022, 13, 537-543.	2.4	12
2	Hydrothermal liquefaction of spent coffee grounds followed by biocatalytic upgradation to produce biofuel: a circular economy approach. <i>Biofuels</i> , 2022, 13, 779-788.	2.4	2
3	Alternative Bio-Refinery Products From Hydrothermal Liquefaction of Waste. , 2021, , .		0
4	Heterogeneous Ru Catalysts as the Emerging Potential Superior Catalysts in the Selective Hydrogenation of Bio-Derived Levulinic Acid to Î³-Valerolactone: Effect of Particle Size, Solvent, and Support on Activity, Stability, and Selectivity. <i>Catalysts</i> , 2021, 11, 292.	3.5	17
5	Upgrading of the aqueous product stream from hydrothermal liquefaction: Simultaneous removal of minerals and phenolic components using waste-derived hydrochar. <i>Biomass and Bioenergy</i> , 2021, 151, 106170.	5.7	12
6	Chemical and Enzymatic Valorisation of Confectionery Waste into Biofuel: An Application of Circular Economy. <i>European Journal of Sustainable Development Research</i> , 2020, 5, em0146.	0.9	1
7	Functionalising lignin in crude glycerol to prepare polyols and polyurethane. <i>Polymers From Renewable Resources</i> , 2019, 10, 3-18.	1.3	9
8	Biofuel production from spent coffee grounds via lipase catalysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 294-300.	2.3	18
9	Microwave-assisted recovery of monomeric sugars from an acidic steam treated wood hydrolysate. <i>Heliyon</i> , 2018, 4, e00911.	3.2	1
10	Rigid polyurethane foams from unrefined crude glycerol and technical lignins. <i>Polymers From Renewable Resources</i> , 2018, 9, 111-132.	1.3	8
11	Polyol Preparation by Liquefaction of Technical Lignins in Crude Glycerol. <i>Journal of Renewable Materials</i> , 2017, 5, 67-80.	2.2	17
12	Glycerol-free biodiesel production through transesterification: a review. <i>Fuel Processing Technology</i> , 2016, 151, 139-147.	7.2	71
13	Industrial viability of homogeneous olefin metathesis: Beneficiation of linear alpha olefins with the diphenyl-substituted pyridinyl alcoholato ruthenium carbene precatalyst. <i>Catalysis Today</i> , 2016, 275, 191-200.	4.4	12
14	n-Butanol derived from biochemical and chemical routes: A review. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 8, 1-9.	4.4	217
15	Direct fermentation of sweet sorghum juice by <i>Clostridium acetobutylicum</i> and <i>Clostridium tetanomorphum</i> to produce bio-butanol and organic acids. <i>Biofuel Research Journal</i> , 2015, 2, 248-252.	13.3	7
16	Effect of <i>Saccharomyces cerevisiae</i> and <i>Zymomonas mobilis</i> on the co-fermentation of sweet sorghum bagasse hydrolysates pretreated under varying conditions. <i>Biomass and Bioenergy</i> , 2014, 71, 350-356.	5.7	19
17	Evaluation of Waste Process Grease as Feedstock for Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2014, 5, 75-86.	3.4	9
18	Fuel ethanol production from sweet sorghum bagasse using microwave irradiation. <i>Biomass and Bioenergy</i> , 2014, 65, 145-150.	5.7	41

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19	Influence of reaction atmosphere and solvent on biochar yield and characteristics. Bioresource Technology, 2014, 164, 177-183.	9.6	43
20	Harvesting of Hartbeespoort Dam micro-algal biomass through sand filtration and solar drying. Fuel, 2013, 106, 67-71.	6.4	19
21	Experimental and reaction kinetic investigation of 1-octene metathesis reaction with Hoveyda-Grubbs first generation precatalyst. International Journal of Chemical Reactor Engineering, 2012, 10, .	1.1	1
22	Experimental, DFT and kinetic study of 1-octene metathesis with Hoveyda-Grubbs second generation precatalyst. Journal of Molecular Catalysis A, 2012, 355, 85-95.	4.8	21
23	Separation of different metathesis Grubbs-type catalysts using organic solvent nanofiltration. Journal of Membrane Science, 2010, 353, 70-77.	8.2	59
24	Pervaporation separation of methanol from methanol/tert-amyl methyl ether mixtures with a commercial membrane. Journal of Membrane Science, 2002, 209, 353-362.	8.2	26
25	Rapid microwave-assisted liquid phase conversion of bio-ethanol to n-butanol over a heterogeneous catalyst. Biofuels, 0, , 1-8.	2.4	4