

# Sanette Marx

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

646  
citations

758635

12  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1049  
citing authors

#	ARTICLE	IF	CITATIONS
1	n-Butanol derived from biochemical and chemical routes: A review. <i>Biotechnology Reports</i> (Amsterdam, Netherlands), 2015, 8, 1-9.	2.1	217
2	Glycerol-free biodiesel production through transesterification: a review. <i>Fuel Processing Technology</i> , 2016, 151, 139-147.	3.7	71
3	Separation of different metathesis Grubbs-type catalysts using organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2010, 353, 70-77.	4.1	59
4	Influence of reaction atmosphere and solvent on biochar yield and characteristics. <i>Bioresource Technology</i> , 2014, 164, 177-183.	4.8	43
5	Fuel ethanol production from sweet sorghum bagasse using microwave irradiation. <i>Biomass and Bioenergy</i> , 2014, 65, 145-150.	2.9	41
6	Pervaporation separation of methanol from methanol/tert-amyl methyl ether mixtures with a commercial membrane. <i>Journal of Membrane Science</i> , 2002, 209, 353-362.	4.1	26
7	Experimental, DFT and kinetic study of 1-octene metathesis with Hoveyda's Grubbs second generation precatalyst. <i>Journal of Molecular Catalysis A</i> , 2012, 355, 85-95.	4.8	21
8	Harvesting of Hartbeespoort Dam micro-algal biomass through sand filtration and solar drying. <i>Fuel</i> , 2013, 106, 67-71.	3.4	19
9	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.	2.9	19
10	Biofuel production from spent coffee grounds via lipase catalysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 294-300.	1.2	18
11	Polyol Preparation by Liquefaction of Technical Lignins in Crude Glycerol. <i>Journal of Renewable Materials</i> , 2017, 5, 67-80.	1.1	17
12	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.	1.6	17
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.	2.2	12
14	Biofuels from spent coffee grounds: comparison of processing routes. <i>Biofuels</i> , 2022, 13, 537-543.	1.4	12
15	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.	2.9	12
16	Evaluation of Waste Process Grease as Feedstock for Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2014, 5, 75-86.	1.8	9
17	Functionalising lignin in crude glycerol to prepare polyols and polyurethane. <i>Polymers From Renewable Resources</i> , 2019, 10, 3-18.	0.8	9
18	Rigid polyurethane foams from unrefined crude glycerol and technical lignins. <i>Polymers From Renewable Resources</i> , 2018, 9, 111-132.	0.8	8

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19	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.	7.2	7
20	Rapid microwave-assisted liquid phase conversion of bio-ethanol to n-butanol over a heterogeneous catalyst. <i>Biofuels</i> , 0, , 1-8.	1.4	4
21	Hydrothermal liquefaction of spent coffee grounds followed by biocatalytic upgradation to produce biofuel: a circular economy approach. <i>Biofuels</i> , 2022, 13, 779-788.	1.4	2
22	Experimental and reaction kinetic investigation of 1-octene metathesis reaction with Hoveyda-Grubbs first generation precatalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2012, 10, .	0.6	1
23	Microwave-assisted recovery of monomeric sugars from an acidic steam treated wood hydrolysate. <i>Heliyon</i> , 2018, 4, e00911.	1.4	1
24	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.	0.4	1
25	Alternative Bio-Refinery Products From Hydrothermal Liquefaction of Waste. , 2021, , .		0