Somayeh Farzad

List of Publications by Year
in descending order

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27	1,307	471509 17	552781 26
papers	citations	h-index	g-index

27	27	27	1352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Furfural production from sugarcane bagasse along with co-production of ethanol from furfural residues. Biomass Conversion and Biorefinery, 2022, 12, 5257-5267.	4.6	17
2	Comparative techno-economic assessment of sugarcane biorefineries producing glutamic acid, levulinic acid and xylitol from sugarcane. Industrial Crops and Products, 2022, 184, 115053.	5.2	14
3	Techno-economic assessment of one-stage furfural and cellulosic ethanol co-production from sugarcane bagasse and harvest residues feedstock mixture. Industrial Crops and Products, 2021, 162, 113272.	5.2	21
4	Life cycle and sustainability assessments of biorefineries producing glucaric acid, sorbitol or levulinic acid annexed to a sugar mill. Journal of Cleaner Production, 2021, 295, 126339.	9.3	16
5	Technoâ€economics of oneâ€stage and twoâ€stage furfural production integrated with ethanol coâ€production from sugarcane lignocelluloses. Biofuels, Bioproducts and Biorefining, 2021, 15, 1900-1911.	3.7	6
6	Sustainability assessment of sugarcane residues valorization to biobutadiene by exergy and exergoeconomic evaluation. Renewable and Sustainable Energy Reviews, 2021, 147, 111214.	16.4	14
7	Technoâ€economic assessment of polylactic acid and polybutylene succinate production in an integrated sugarcane biorefinery. Biofuels, Bioproducts and Biorefining, 2021, 15, 1871-1887.	3.7	26
8	A novel approach for valorization of waste tires into chemical and fuel (limonene and diesel) through pyrolysis: Process development and techno economic analysis. Fuel Processing Technology, 2021, 224, 107006.	7.2	31
9	Life cycle assessment of lignocellulosic biorefineries. , 2020, , 259-277.		1
10	Techno-economic and environmental analysis of bio-oil production from forest residues via non-catalytic and catalytic pyrolysis processes. Energy Conversion and Management, 2020, 213, 112815.	9.2	64
11	Exergoeconomic analysis of lactic acid and power cogeneration from sugarcane residues through a biorefinery approach. Renewable Energy, 2019, 143, 872-889.	8.9	48
12	Exergy analysis of a lignocellulosic-based biorefinery annexed to a sugarcane mill for simultaneous lactic acid and electricity production. Energy, 2018, 149, 623-638.	8.8	158
13	A new insight into sugarcane biorefineries with fossil fuel co-combustion: Techno-economic analysis and life cycle assessment. Energy Conversion and Management, 2018, 165, 76-91.	9.2	86
14	Study of purge angle effects on the desiccant wheel performance. Energy Conversion and Management, 2017, 137, 12-20.	9.2	19
15	Integrated techno-economic and environmental analysis of butadiene production from biomass. Bioresource Technology, 2017, 239, 37-48.	9.6	62
16	Multi-product biorefineries from lignocelluloses: a pathway to revitalisation of the sugar industry?. Biotechnology for Biofuels, 2017, 10, 87.	6.2	151
17	Multiâ€criteria analysis of a biorefinery for coâ€production of lactic acid and ethanol from sugarcane lignocellulose. Biofuels, Bioproducts and Biorefining, 2017, 11, 971-990.	3.7	65
18	Economic and environmental assessment of cellulosic ethanol production scenarios annexed to a typical sugar mill. Bioresource Technology, 2017, 224, 314-326.	9.6	79

#	Article	IF	Citations
19	Recent trends on techno-economic assessment (TEA) of sugarcane biorefineries. Biofuel Research Journal, 2017, 4, 704-712.	13.3	55
20	Techno-economic comparison of biojet fuel production from lignocellulose, vegetable oil and sugar cane juice. Bioresource Technology, 2016, 216, 331-339.	9.6	116
21	A critical review on biomass gasification, co-gasification, and their environmental assessments. Biofuel Research Journal, 2016, 3, 483-495.	13.3	162
22	A three-stage scenario based operational performance test approaches for production capacity enhancement: Case study on the 5th refinery of South Pars Gas Complex in Iran. Journal of Natural Gas Science and Engineering, 2015, 27, 1758-1770.	4.4	1
23	Exergy Performance Analysis and Optimization of a Desiccant Wheel System. Journal of Thermal Science and Engineering Applications, 2015, 7, .	1.5	24
24	Techno-economic assessment of integrating methanol or Fischerâ€“Tropsch synthesis in a South African sugar mill. Bioresource Technology, 2015, 183, 141-152.	9.6	44
25	Study of effective parameters in the Fischer Tropsch synthesis using monolithic CNT supported cobalt catalysts. Fuel, 2014, 132, 27-35.	6.4	14
26	Comprehensive study of nanostructured supports with high surface area for Fischer-Tropsch synthesis. Journal of Energy Chemistry, 2013, 22, 573-581.	12.9	6
27	A new gas adsorption isotherm using the vacancy solution theory and NRTL activity coefficient model. Fluid Phase Equilibria, 2010, 292, 36-41.	2.5	7