

Mahdi Vaezi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

490
citations

840776

11
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

595
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasification of heavy fuel oils: A thermochemical equilibrium approach. <i>Fuel</i> , 2011, 90, 878-885.	6.4	77
2	Optimal siting of solid waste-to-value-added facilities through a GIS-based assessment. <i>Science of the Total Environment</i> , 2018, 610-611, 1065-1075.	8.0	76
3	Development of a decision model for the techno-economic assessment of municipal solid waste utilization pathways. <i>Waste Management</i> , 2016, 48, 548-564.	7.4	51
4	Assessment of energy production potential from agricultural residues in Bolivia. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 14-23.	16.4	46
5	Lignocellulosic biomass particle shape and size distribution analysis using digital image processing for pipeline hydro-transportation. <i>Biosystems Engineering</i> , 2013, 114, 97-112.	4.3	41
6	On a methodology for selecting biomass materials for gasification purposes. <i>Fuel Processing Technology</i> , 2012, 98, 74-81.	7.2	32
7	Developing a framework to optimally locate biomass collection points to improve the biomass-based energy facilities locating procedure "A case study for Bolivia. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 107, 183-199.	16.4	28
8	Techno-economic assessment of biomass combustion technologies to generate electricity in South America: A case study for Bolivia. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110154.	16.4	24
9	Investigation into the mechanisms of pipeline transport of slurries of wheat straw and corn stover to supply a bio-refinery. <i>Biosystems Engineering</i> , 2014, 118, 52-67.	4.3	19
10	A techno-economic assessment of bitumen and synthetic crude oil transport (SCO) in the Canadian oil sands industry: Oil via rail or pipeline?. <i>Energy</i> , 2017, 124, 665-683.	8.8	19
11	The flow of wheat straw suspensions in an open-impeller centrifugal pump. <i>Biomass and Bioenergy</i> , 2014, 69, 106-123.	5.7	15
12	Application of high-frequency impedancemetry approach in measuring the deposition velocities of biomass and sand slurry flows in pipelines. <i>Chemical Engineering Research and Design</i> , 2018, 140, 142-154.	5.6	11
13	Developing a standard platform to predict the drag coefficient of irregular shape particles. <i>Powder Technology</i> , 2022, 395, 314-337.	4.2	10
14	Development of correlations for the flow of agricultural residues as slurries in pipes for Bio-refining. <i>Biosystems Engineering</i> , 2014, 127, 144-158.	4.3	9
15	Pipeline hydraulic transport of biomass materials: A review of experimental programs, empirical correlations, and economic assessments. <i>Biomass and Bioenergy</i> , 2015, 81, 70-82.	5.7	7
16	Is the pipeline hydro-transport of wheat straw and corn stover to a biorefinery realistic?. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 501-515.	3.7	5
17	Frictional behaviour of wheat straw-water suspensions in vertical upward flows. <i>Biosystems Engineering</i> , 2021, 212, 30-45.	4.3	5
18	Monitoring sugar release during pipeline hydro-transport of wheat straw. <i>Biomass and Bioenergy</i> , 2016, 93, 144-149.	5.7	4

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19	Rheology of fibre suspension flows in the pipeline hydro-transport of biomass feedstock. Biosystems Engineering, 2020, 200, 284-297.	4.3	4
20	Association of Anti-Contagion Policies with the Spread of Covid-19 in United States. Journal of Public Health Research, 2022, 11, jphr.2022.2748.	1.2	3
21	The Development of a GIS-Based Framework to Locate Biomass and Municipal Solid Waste Collection Points for an Optimal Waste Conversion Facility. Transactions of the ASABE, 2021, 64, 1671-1691.	1.1	2
22	Monitoring moisture and inorganic content of forest harvesting residues for energy production purposes: A case study. Canadian Biosystems Engineering / Le Genie Des Biosystems Au Canada, 2020, 61, 8.01-8.12.	0.1	1
23	On the drag coefficient of flat and non-flat solid particles of irregular shapes; an experimental validation study. AICHE Journal, 0, , .	3.6	1
24	Assessment of the Waste-to-Energy Potential from Alberta's Food Processing Industry.. Canadian Biosystems Engineering / Le Genie Des Biosystems Au Canada, 2017, 59, 8.1-8.9.	0.1	0