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List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

343
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the scale up of a transpiring wall reactor with a hydrothermal flame as a heat source for the supercritical water oxidation. <i>Journal of Supercritical Fluids</i> , 2011, 56, 21-32.	3.2	68
2	Supercritical water oxidation with hydrothermal flame as internal heat source: Efficient and clean energy production from waste. <i>Journal of Supercritical Fluids</i> , 2015, 96, 103-113.	3.2	65
3	Sludge destruction by means of a hydrothermal flame. Optimization of ammonia destruction conditions. <i>Chemical Engineering Journal</i> , 2013, 232, 1-9.	12.7	51
4	Computational fluid dynamics simulation of a transpiring wall reactor for supercritical water oxidation. <i>Chemical Engineering Journal</i> , 2010, 158, 431-440.	12.7	40
5	Supercritical water oxidation for energy production by hydrothermal flame as internal heat source. Experimental results and energetic study. <i>Energy</i> , 2015, 90, 1584-1594.	8.8	38
6	Pretreatment Processes of Biomass for Biorefineries: Current Status and Prospects. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2019, 10, 289-310.	6.8	38
7	Kinetic model for isopropanol oxidation in supercritical water in hydrothermal flame regime and analysis. <i>Journal of Supercritical Fluids</i> , 2013, 76, 41-47.	3.2	22
8	Numerical study of the influence of geometrical and operational parameters in the behavior of a hydrothermal flame in vessel reactors. <i>Chemical Engineering Science</i> , 2014, 112, 47-55.	3.8	16
9	CHAPTER 8. Post-extraction Processes: Improvement of Functional Characteristics of Extracts. <i>RSC Green Chemistry</i> , 2013, , 285-313.	0.1	2
10	Multivariate statistical optimization of the ethanol fuel dehydration process using ionic liquids. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2021, 27, 165-176.	0.7	2
11	Supercritical Water Oxidation (SCWO) of Solid, Liquid and Gaseous Fuels for Energy Generation. <i>Biofuels and Biorefineries</i> , 2014, , 401-426.	0.5	1
12	Reactors for Supercritical Water Oxidation Processes. <i>Biofuels and Biorefineries</i> , 2014, , 179-205.	0.5	0