

Brian R Pinkard

List of Publications by Year in descending order

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Version: 2024-02-01

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1162367

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24
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157
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical water gasification: practical design strategies and operational challenges for lab-scale, continuous flow reactors. <i>Heliyon</i> , 2019, 5, e01269.	1.4	59
2	Destruction of perfluorooctanesulfonate (PFOS) in a batch supercritical water oxidation reactor. <i>Chemosphere</i> , 2021, 279, 130834.	4.2	39
3	Review of Gasification of Organic Compounds in Continuous-Flow, Supercritical Water Reactors. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3471-3481.	1.8	35
4	Gasification Pathways and Reaction Mechanisms of Primary Alcohols in Supercritical Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4598-4605.	3.2	24
5	Kinetics of formic acid decomposition in subcritical and supercritical water – a Raman spectroscopic study. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31745-31756.	3.8	23
6	Raman spectroscopic data from Formic Acid Decomposition in subcritical and supercritical water. <i>Data in Brief</i> , 2020, 29, 105312.	0.5	14
7	Hydrolysis of Dimethyl Methylphosphonate (DMMP) in Hot-Compressed Water. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8383-8389.	1.1	11
8	Partial Oxidation of Ethanol in Supercritical Water. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9900-9911.	1.8	9
9	Design of a Small-Scale Supercritical Water Oxidation Reactor. Part II: Numerical Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11458-11469.	1.8	8
10	Design of a Small-Scale Supercritical Water Oxidation Reactor. Part I: Experimental Characterization. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11450-11457.	1.8	7
11	Aqueous Film-Forming Foam Treatment under Alkaline Hydrothermal Conditions. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	6
12	Supercritical Water Gasification of Ethanol for Fuel Gas Production. , 2019, , .		1
13	Gasification Kinetics in Continuous Supercritical Water Reactors. , 0, , .		0