

Lachlan R Mason

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

145
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiphase flow applications of nonintrusive reduced-order models with Gaussian process emulation. <i>Data-Centric Engineering</i> , 2022, 3, .	2.3	2
2	Data-driven surrogate modeling and benchmarking for process equipment. <i>Data-Centric Engineering</i> , 2020, 1, .	2.3	5
3	Numerical simulation, clustering, and prediction of multicomponent polymer precipitation. <i>Data-Centric Engineering</i> , 2020, 1, .	2.3	7
4	Single-bubble dynamics in nanopores: Transition between homogeneous and heterogeneous nucleation. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
5	The specific reactive surface area of granular zero-valent iron in metal contaminant removal: Column experiments and modelling. <i>Water Research</i> , 2015, 77, 24-34.	11.3	20
6	Extraction kinetics of Fe(III) by di-(2-ethylhexyl) phosphoric acid using a Y-shaped microfluidic device. <i>Chemical Engineering Research and Design</i> , 2014, 92, 571-580.	5.6	40
7	Modelling of interfacial mass transfer in microfluidic solvent extraction: part I. Heterogeneous transport. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 197-212.	2.2	31
8	Modelling of interfacial mass transfer in microfluidic solvent extraction: part II. Heterogeneous transport with chemical reaction. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 213-224.	2.2	31