

# Lachlan R Mason

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6054013/publications.pdf>

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	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
2	Modelling of interfacial mass transfer in microfluidic solvent extraction: part I. Heterogenous transport. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 197-212.	2.2	31
3	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
4	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
5	Single-bubble dynamics in nanopores: Transition between homogeneous and heterogeneous nucleation. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
6	Numerical simulation, clustering, and prediction of multicomponent polymer precipitation. <i>Data-Centric Engineering</i> , 2020, 1, .	2.3	7
7	Data-driven surrogate modeling and benchmarking for process equipment. <i>Data-Centric Engineering</i> , 2020, 1, .	2.3	5
8	Multiphase flow applications of nonintrusive reduced-order models with Gaussian process emulation. <i>Data-Centric Engineering</i> , 2022, 3, .	2.3	2