

Michael Johnson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8197961/publications.pdf>

Version: 2024-02-01

10
papers

131
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Multiple Hindered Settling Regimes in Aggregated Mineral Suspensions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 9983-9993.	3.7	33
2	Yield stress dependency on the evolution of bubble populations generated in consolidated soft sediments. <i>AICHE Journal</i> , 2017, 63, 3728-3742.	3.6	22
3	Assessment of Overall Heat Transfer Coefficient Models to Predict the Performance of Laboratory-Scale Jacketed Batch Reactors. <i>Organic Process Research and Development</i> , 2016, 20, 204-214.	2.7	19
4	Enhanced gas migration through permeable bubble networks within consolidated soft sediments. <i>AICHE Journal</i> , 2018, 64, 4131-4147.	3.6	14
5	Characterization of high-temperature nuclear fuel-coolant interactions through X-ray visualization and image processing. <i>Annals of Nuclear Energy</i> , 2021, 151, 107881.	1.8	13
6	Sediment Microstructure and the Establishment of Gas Migration Pathways during Bubble Growth. <i>Environmental Science & Technology</i> , 2019, 53, 12882-12892.	10.0	11
7	High-temperature ex-vessel corium spreading. Part 1: experimental investigations on ceramic and sacrificial concrete substrates. <i>Journal of Nuclear Science and Technology</i> , 2022, 59, 446-458.	1.3	7
8	A Non-Adiabatic Model for Jacketed Agitated Batch Reactors Experiencing Thermal Losses. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1316-1325.	3.7	5
9	High-temperature ex-vessel corium spreading. Part 2: scaling principles for gravity-viscous spreading with slip at the melt-substrate interface. <i>Journal of Nuclear Science and Technology</i> , 2022, 59, 459-471.	1.3	4
10	X-Ray Imaging Calibration for Fuel-Coolant Interaction Experimental Facilities. <i>EPJ Web of Conferences</i> , 2021, 253, 06005.	0.3	3