

Bowen Ling

List of Publications by Year in descending order

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13
papers

226
citations

1162889

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1199470

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14
all docs

14
docs citations

14
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Module-Fluidics: Building Blocks for Spatio-Temporal Microenvironment Control. <i>Micromachines</i> , 2022, 13, 774.	1.4	1
2	Macroscale transport in channel-matrix systems via integral transforms. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	11
3	Dynamic Modeling of Fouling in Reverse Osmosis Membranes. <i>Membranes</i> , 2021, 11, 349.	1.4	10
4	Concentration polarization over reverse osmosis membranes with engineered surface features. <i>Journal of Membrane Science</i> , 2021, 617, 118199.	4.1	36
5	Multi-Scale Microfluidics for Transport in Shale Fabric. <i>Energies</i> , 2021, 14, 21.	1.6	11
6	A Geometric-Factor-Revised Permittivity Model for Three-Phase Mixture with Arbitrary Inclusion Packing. , 2021, , .		3
7	ĩ,-SIMPLE Algorithm for the closure problem in homogenization of stokes flows. <i>Advances in Water Resources</i> , 2020, 144, 103712.	1.7	2
8	Effect of Microgeometry on Modeling Accuracy of Fluid-Saturated Rock Using Dielectric Permittivity. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 7294-7299.	2.7	4
9	Rough or wiggly? Membrane topology and morphology for fouling control. <i>Journal of Fluid Mechanics</i> , 2019, 862, 753-780.	1.4	20
10	Universal scaling-law for flow resistance over canopies with complex morphology. <i>Scientific Reports</i> , 2018, 8, 4430.	1.6	36
11	Hydrodynamic dispersion in thin channels with micro-structured porous walls. <i>Physics of Fluids</i> , 2018, 30, .	1.6	30
12	Modeling variability in porescale multiphase flow experiments. <i>Advances in Water Resources</i> , 2017, 105, 29-38.	1.7	24
13	Dispersion controlled by permeable surfaces: surface properties and scaling. <i>Journal of Fluid Mechanics</i> , 2016, 801, 13-42.	1.4	38