

Elif Karatay

List of Publications by Year in descending order

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11
papers

651
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-Induced Nanoscale Superhydrophobic Structures on Metal Surfaces. <i>Langmuir</i> , 2011, 27, 8464-8469.	3.5	163
2	Control of slippage with tunable bubble mattresses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8422-8426.	7.1	157
3	Preparation and performance assessment of binary and ternary PES-SAPO 34-HMA based gas separation membranes. <i>Journal of Membrane Science</i> , 2010, 364, 75-81.	8.2	72
4	Simulation of chaotic electrokinetic transport: Performance of commercial software versus custom-built direct numerical simulation codes. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 67-76.	9.4	68
5	Coupling between Buoyancy Forces and Electroconvective Instability near Ion-Selective Surfaces. <i>Physical Review Letters</i> , 2016, 116, 194501.	7.8	50
6	Confined Electroconvective Vortices at Structured Ion Exchange Membranes. <i>Langmuir</i> , 2018, 34, 2455-2463.	3.5	46
7	2D Patterned Ion-Exchange Membranes Induce Electroconvection. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801309.	3.7	40
8	Momentum and mass transport over a bubble mattress: the influence of interface geometry. <i>Soft Matter</i> , 2013, 9, 8949.	2.7	27
9	Rate of gas absorption on a slippery bubble mattress. <i>Soft Matter</i> , 2013, 9, 11098.	2.7	13
10	Oxygenation by a superhydrophobic slip G/L contactor. <i>Lab on A Chip</i> , 2012, 12, 2922.	6.0	12
11	Audio System Fabricated With Flexible Hybrid Electronics. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 1270-1276.	3.0	3