

Anne M Benneker

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

204
citations

1040056

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1372567

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10
all docs

10
docs citations

10
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic studies of droplet electrophoresis: A review. <i>Electrophoresis</i> , 2021, 42, 869-880.	2.4	13
2	Analysis of vortices in viscoelastic fluid flow through confined geometries at low Reynolds numbers. <i>AIP Advances</i> , 2021, 11, .	1.3	4
3	The impact of heterogeneous pin based micro-structures on flow dynamics and heat transfer in micro-scale heat exchangers. <i>Physics of Fluids</i> , 2020, 32, .	4.0	16
4	Effect of temperature gradients in (reverse) electrodialysis in the Ohmic regime. <i>Journal of Membrane Science</i> , 2018, 548, 421-428.	8.2	53
5	Enhanced ion transport using geometrically structured charge selective interfaces. <i>Lab on A Chip</i> , 2018, 18, 1652-1660.	6.0	14
6	Influence of temperature gradients on mono- and divalent ion transport in electrodialysis at limiting currents. <i>Desalination</i> , 2018, 443, 62-69.	8.2	21
7	Influence of temperature gradients on charge transport in asymmetric nanochannels. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28232-28238.	2.8	22
8	Observation and experimental investigation of confinement effects on ion transport and electrokinetic flows at the microscale. <i>Scientific Reports</i> , 2016, 6, 37236.	3.3	12
9	Desalination by Electrodialysis Using a Stack of Patterned Ion-Selective Hydrogels on a Microfluidic Device. <i>Advanced Functional Materials</i> , 2016, 26, 8685-8693.	14.9	26
10	Temperature effects on the electrohydrodynamic and electrokinetic behaviour of ion-selective nanochannels. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 114002.	1.8	23