

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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h-index

1372567

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g-index

10
all docs

10
docs citations

10
times ranked

240
citing authors

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