

Rob G H Lammertink

List of Publications by Year in descending order

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150
papers

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citations

66343

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82547

72
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152
all docs

152
docs citations

152
times ranked

6665
citing authors

#	ARTICLE	IF	CITATIONS
1	Membranes and microfluidics: a review. Lab on A Chip, 2006, 6, 1125.	6.0	414
2	Produced water treatment by membranes: A review from a colloidal perspective. Journal of Colloid and Interface Science, 2017, 487, 523-534.	9.4	320
3	Direct Observation of a Nonequilibrium Electro-Osmotic Instability. Physical Review Letters, 2008, 101, 236101.	7.8	260
4	Evaporation-Triggered Wetting Transition for Water Droplets upon Hydrophobic Microstructures. Physical Review Letters, 2010, 104, 116102.	7.8	187
5	Morphology and Microtopology of Cation-Exchange Polymers and the Origin of the Overlimiting Current. Journal of Physical Chemistry B, 2007, 111, 2152-2165.	2.6	174
6	Quantifying effective slip length over micropatterned hydrophobic surfaces. Physics of Fluids, 2009, 21, .	4.0	162
7	Control of slippage with tunable bubble mattresses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8422-8426.	7.1	157
8	Spontaneous Breakdown of Superhydrophobicity. Physical Review Letters, 2007, 99, 156001.	7.8	142
9	One-step fabrication of porous micropatterned scaffolds to control cell behavior. Biomaterials, 2007, 28, 1998-2009.	11.4	138
10	Electrical Switching of Wetting States on Superhydrophobic Surfaces: A Route Towards Reversible Cassie-to-Wenzel Transitions. Physical Review Letters, 2011, 106, 014501.	7.8	137
11	Phase Separation Micromolding: A New Generic Approach for Microstructuring Various Materials. Small, 2005, 1, 645-655.	10.0	118
12	Assembly of an Artificial Protein Hydrogel through Leucine Zipper Aggregation and Disulfide Bond Formation. Macromolecules, 2005, 38, 3909-3916.	4.8	116
13	Poly(ferrocenyldimethylsilanes) for Reactive Ion Etch Barrier Applications. Chemistry of Materials, 2001, 13, 429-434.	6.7	96
14	Surface Nano- and Microstructuring with Organometallic Polymers. Advances in Polymer Science, 2005, , 91-117.	0.8	91
15	Superhydrophobic Surfaces Having Two-Fold Adjustable Roughness Prepared in a Single Step. Langmuir, 2006, 22, 3125-3130.	3.5	84
16	Cassie-Baxter to Wenzel state wetting transition: Scaling of the front velocity. European Physical Journal E, 2009, 29, 391-397.	1.6	81
17	Polymeric microsieves produced by phase separation micromolding. Journal of Membrane Science, 2006, 283, 411-424.	8.2	78
18	Microstructured hollow fibers for ultrafiltration. Journal of Membrane Science, 2010, 347, 32-41.	8.2	78

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19	Controlled formation of anatase and rutile TiO ₂ thin films by reactive magnetron sputtering. <i>AIP Advances</i> , 2015, 5, .	1.3	75
20	Crystallization and Melting Behavior of Poly(ferrocenyldimethylsilanes) Obtained by Anionic Polymerization. <i>Macromolecules</i> , 1998, 31, 795-800.	4.8	71
21	Periodic organic-organometallic microdomain structures in poly(styrene-block-ferrocenyldimethylsilane) copolymers and blends with corresponding homopolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 1009-1021.	2.1	67
22	Dynamics of microvortices induced by ion concentration polarization. <i>Physical Review E</i> , 2015, 92, 031003.	2.1	66
23	Modeling intrinsic kinetics in immobilized photocatalytic microreactors. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 93-100.	20.2	64
24	Microcontact Printing of Dendrimers, Proteins, and Nanoparticles by Porous Stamps. <i>Journal of the American Chemical Society</i> , 2009, 131, 797-803.	13.7	63
25	Electrochemistry of Surface-Grafted Stimulus-Responsive Monolayers of Poly(ferrocenyldimethylsilane) on Gold. <i>Langmuir</i> , 2005, 21, 5115-5123.	3.5	62
26	Porous Photocatalytic Membrane Microreactor (P2M2): A new reactor concept for photochemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 225, 36-41.	3.9	61
27	Fouling Behavior of Microstructured Hollow Fiber Membranes in Dead-End Filtrations: Critical Flux Determination and NMR Imaging of Particle Deposition. <i>Langmuir</i> , 2011, 27, 1643-1652.	3.5	60
28	Photocatalytic Reactor Design: Guidelines for Kinetic Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5349-5357.	3.7	59
29	Tailoring the interface layer of the bipolar membrane. <i>Journal of Membrane Science</i> , 2010, 365, 389-398.	8.2	57
30	Visualization and characterization of interfacial polymerization layer formation. <i>Lab on A Chip</i> , 2015, 15, 575-580.	6.0	56
31	Fabrication of nanoporous graphene/polymer composite membranes. <i>Nanoscale</i> , 2017, 9, 10487-10493.	5.6	55
32	Morphology and Surface Relief Structures of Asymmetric Poly(styrene-block-ferrocenylsilane) Thin Films. <i>Macromolecules</i> , 2001, 34, 942-950.	4.8	54
33	Effect of temperature gradients in (reverse) electro dialysis in the Ohmic regime. <i>Journal of Membrane Science</i> , 2018, 548, 421-428.	8.2	53
34	Multiple time scale dynamics in the breakdown of superhydrophobicity. <i>Europhysics Letters</i> , 2008, 81, 66002.	2.0	52
35	Hollow fiber ultrafiltration membranes with microstructured inner skin. <i>Journal of Membrane Science</i> , 2011, 369, 221-227.	8.2	50
36	Organometallic Polyelectrolytes: Synthesis, Characterization and Layer-By-Layer Deposition of Cationic Poly(ferrocenyl(3-ammoniumpropyl)-methylsilane). <i>Macromolecular Rapid Communications</i> , 2001, 22, 30-33.	3.9	49

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37	Porous ceramic mesoreactors: A new approach for gas-liquid contacting in multiphase microreaction technology. <i>Chemical Engineering Journal</i> , 2011, 169, 239-246.	12.7	48
38	Nanowire and Mesh Conformations of Diblock Copolymer Blends at the Air/Water Interface. <i>Nano Letters</i> , 2004, 4, 483-486.	9.1	47
39	Fouling behavior of microstructured hollow fibers in cross-flow filtrations: Critical flux determination and direct visual observation of particle deposition. <i>Journal of Membrane Science</i> , 2011, 372, 210-218.	8.2	47
40	Interfacial aspects of water drop formation at micro-engineered orifices. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 460-469.	9.4	46
41	Confined Electroconvective Vortices at Structured Ion Exchange Membranes. <i>Langmuir</i> , 2018, 34, 2455-2463.	3.5	46
42	Micropatterned Polymer Films by Vapor-Induced Phase Separation Using Permeable Molds. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2856-2861.	8.0	43
43	Side-Chain Liquid-Crystalline Polysiloxanes via Anionic Polymerization: (n-Undecyloxy)arene-carboxylic Acid Mesogens Linked to Poly(dimethylsiloxane-co-methylvinylsiloxane). <i>Macromolecules</i> , 1997, 30, 266-272.	4.8	42
44	New replication technique for the fabrication of thin polymeric microfluidic devices with tunable porosity. <i>Lab on a Chip</i> , 2005, 5, 1240.	6.0	42
45	Association of hard segments in gas separation through polyurethane membranes with aromatic bulky chain extenders. <i>Journal of Membrane Science</i> , 2019, 574, 136-146.	8.2	42
46	Use of Particle Imaging Velocimetry to measure liquid velocity profiles in liquid and liquid/gas flows through spacer filled channels. <i>Journal of Membrane Science</i> , 2010, 362, 143-153.	8.2	41
47	Geometrical influence on mixing in helical porous membrane microcontactors. <i>Journal of Membrane Science</i> , 2011, 378, 351-358.	8.2	41
48	Dimensionally stable multication-crosslinked poly(arylene piperidinium) membranes for water electrolysis. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8401-8412.	10.3	41
49	The role of wetting on the water flux performance of microsieve membranes. <i>Journal of Membrane Science</i> , 2005, 259, 55-64.	8.2	40
50	Disposable Attenuated Total Reflection-Infrared Crystals from Silicon Wafer: A Versatile Approach to Surface Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 33-38.	6.5	39
51	Towards supported bolaamphiphile membranes for water filtration: Roles of lipid and substrate. <i>Journal of Membrane Science</i> , 2014, 457, 50-61.	8.2	39
52	Particle deposition and biofilm formation on microstructured membranes. <i>Journal of Membrane Science</i> , 2010, 364, 43-51.	8.2	37
53	Fouling behavior of microstructured hollow fiber membranes in submerged and aerated filtrations. <i>Water Research</i> , 2011, 45, 1865-1871.	11.3	37
54	Inelastic non-Newtonian flow over heterogeneously slippery surfaces. <i>Physical Review E</i> , 2017, 95, 023105.	2.1	37

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55	Liquid-liquid displacement in slippery liquid-infused membranes (SLIMs). <i>Soft Matter</i> , 2018, 14, 1780-1788.	2.7	37
56	Porous Multilayer-Coated AFM Tips for Dip-Pen Nanolithography of Proteins. <i>Journal of the American Chemical Society</i> , 2009, 131, 7526-7527.	13.7	36
57	A microfluidic membrane chip for in situ fouling characterization. <i>Journal of Membrane Science</i> , 2010, 346, 202-207.	8.2	36
58	Morphology and Crystallization of Thin Films of Asymmetric Organic-Organometallic Diblock Copolymers of Isoprene and Ferrocenyldimethylsilane. <i>Langmuir</i> , 2000, 16, 6245-6252.	3.5	35
59	Tailoring surface properties for controlling droplet formation at microsieve membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 292, 224-235.	4.7	34
60	Bubbles in spacers: Direct observation of bubble behavior in spacer filled membrane channels. <i>Journal of Membrane Science</i> , 2009, 333, 38-44.	8.2	34
61	Polymeric microsieves via phase separation microfabrication: Process and design optimization. <i>Journal of Membrane Science</i> , 2010, 347, 93-100.	8.2	34
62	Hierarchically Structured Assembly of Polymer Microsieves, made by a Combination of Phase Separation Micromolding and Float-Casting. <i>Advanced Materials</i> , 2012, 24, 1551-1557.	21.0	34
63	Surfactant specific ionic strength effects on membrane fouling during produced water treatment. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 12-23.	9.4	34
64	Magnetic properties of large-area particle arrays fabricated using block copolymer lithography. <i>IEEE Transactions on Magnetics</i> , 2002, 38, 2541-2543.	2.1	33
65	Improved performance of thin-film composite forward osmosis membrane with click modified polysulfone substrate. <i>Desalination</i> , 2020, 496, 114731.	8.2	33
66	Protein aggregate deposition and fouling reduction strategies with high-flux silicon nitride microsieves. <i>Journal of Membrane Science</i> , 2006, 273, 68-76.	8.2	32
67	Vibrating polymeric microsieves: Antifouling strategies for microfiltration. <i>Journal of Membrane Science</i> , 2006, 285, 323-333.	8.2	32
68	Performance study of pervaporation in a microfluidic system for the removal of acetone from water. <i>Chemical Engineering Journal</i> , 2016, 284, 1342-1347.	12.7	32
69	Adhesion of emulsified oil droplets to hydrophilic and hydrophobic surfaces – effect of surfactant charge, surfactant concentration and ionic strength. <i>Soft Matter</i> , 2018, 14, 5452-5460.	2.7	32
70	On the Gating Mechanism of Slippery Liquid Infused Porous Membranes. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600025.	3.7	31
71	Comparing flat and micro-patterned surfaces: Gas permeation and tensile stress measurements. <i>Journal of Membrane Science</i> , 2008, 320, 173-178.	8.2	30
72	Shrinkage effects during polymer phase separation on microfabricated molds. <i>Journal of Membrane Science</i> , 2010, 347, 141-149.	8.2	29

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73	Chemical and Thermal Stability of Alkylsilane Based Coatings for Membrane Emulsification. <i>Advanced Engineering Materials</i> , 2004, 6, 749-754.	3.5	28
74	Micro-fabricated metal nozzle plates used for water-in-oil and oil-in-water emulsification. <i>Journal of Membrane Science</i> , 2008, 310, 374-383.	8.2	28
75	On image pre-processing for PIV of single- and two-phase flows over reflecting objects. <i>Experiments in Fluids</i> , 2010, 49, 525-530.	2.4	28
76	CO ₂ Nucleation in Membrane Spacer Channels Remove Biofilms and Fouling Deposits. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 10034-10039.	3.7	28
77	Carbon nanofibers in catalytic membrane microreactors. <i>Journal of Membrane Science</i> , 2011, 381, 244-250.	8.2	27
78	Momentum and mass transport over a bubble mattress: the influence of interface geometry. <i>Soft Matter</i> , 2013, 9, 8949.	2.7	27
79	Intrinsic Photocatalytic Assessment of Reactively Sputtered TiO ₂ Films. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8727-8732.	8.0	27
80	Porous Multilayer-Coated PDMS Stamps for Protein Printing. <i>Langmuir</i> , 2009, 25, 13972-13977.	3.5	26
81	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
82	Anion exchange membranes with twisted poly(terphenylene) backbone: Effect of the N-cyclic cations. <i>Journal of Membrane Science</i> , 2021, 635, 119525.	8.2	26
83	Electro-osmotically controllable multi-flow microreactor. <i>Microfluidics and Nanofluidics</i> , 2005, 1, 242-248.	2.2	24
84	Influence of geometrical and operational parameters on the performance of porous catalytic membrane reactors. <i>Chemical Engineering Journal</i> , 2012, 207-208, 814-821.	12.7	24
85	Liquid-Infused Membranes with Oil-in-Water Emulsions. <i>Langmuir</i> , 2019, 35, 9513-9520.	3.5	24
86	Facile Hydrophilic Surface Modification of Poly(tetrafluoroethylene) Using Fluoroalkyl-Terminated Poly(ethylene glycol)s. <i>Advanced Materials</i> , 2003, 15, 66-69.	21.0	23
87	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
88	Influence of Rayleigh-Bénard convection on electrokinetic instability in overlimiting current conditions. <i>Physical Review Fluids</i> , 2017, 2, .	2.5	23
89	Synthesis, characterization and thin film formation of end-functionalized organometallic polymers. <i>Chemical Communications</i> , 1999, , 359-360.	4.1	22
90	Microfluidic NF/RO separation: Cell design, performance and application. <i>Journal of Membrane Science</i> , 2012, 396, 67-73.	8.2	22

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91	Influence of temperature gradients on charge transport in asymmetric nanochannels. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28232-28238.	2.8	22
92	Flux stabilization of silicon nitride microsieves by backpulsing and surface modification with PEG moieties. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 831-840.	9.4	21
93	Porous Microfluidic Devices – Fabrication and Applications. <i>Chemical Engineering and Technology</i> , 2007, 30, 309-315.	1.5	21
94	Ion Transport through Perforated Graphene. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6339-6344.	4.6	21
95	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
96	Generation of Local Concentration Gradients by Gas-Liquid Contacting. <i>Analytical Chemistry</i> , 2008, 80, 3190-3197.	6.5	20
97	Measurement of biofilm growth and local hydrodynamics using optical coherence tomography. <i>Biomedical Optics Express</i> , 2016, 7, 3508.	2.9	20
98	Why bumpy is better: The role of the dissipation distribution in slip flow over a bubble mattress. <i>Physical Review Fluids</i> , 2016, 1, .	2.5	20
99	Well-defined side-chain liquid-crystalline polysiloxanes. <i>Macromolecular Rapid Communications</i> , 1996, 17, 299-303.	3.9	19
100	Bridging the gap between lab-scale and commercial dimensions of hollow fiber nanofiltration membranes. <i>Journal of Membrane Science</i> , 2021, 624, 119100.	8.2	19
101	Recirculation of Nanoliter Volumes within Microfluidic Channels. <i>Analytical Chemistry</i> , 2004, 76, 3018-3022.	6.5	18
102	Elucidating the effect of chain extenders substituted by aliphatic side chains on morphology and gas separation of polyurethanes. <i>European Polymer Journal</i> , 2020, 122, 109346.	5.4	18
103	Egg-shell membrane reactors for nitrite hydrogenation: Manipulating kinetics and selectivity. <i>Applied Catalysis B: Environmental</i> , 2018, 224, 276-282.	20.2	17
104	Bubbly drag reduction using a hydrophobic inner cylinder in Taylor-Couette turbulence. <i>Journal of Fluid Mechanics</i> , 2020, 883, .	3.4	17
105	The Graetz-Nusselt problem extended to continuum flows with finite slip. <i>Journal of Fluid Mechanics</i> , 2015, 764, .	3.4	16
106	Visual characterization of fouling with bidisperse solution. <i>Journal of Membrane Science</i> , 2011, 368, 110-115.	8.2	15
107	Understanding Mono- and Bivalent Ion Selectivities of Nanoporous Graphene Using Ionic and Bi-ionic Potentials. <i>Langmuir</i> , 2020, 36, 7400-7407.	3.5	15
108	Application of liquid-infused membranes to mitigate biofouling. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 68-77.	2.4	15

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109	Electroosmotic guiding of sample flows in a laminar flow chamber. <i>Electrophoresis</i> , 2004, 25, 3705-3711.	2.4	14
110	Heat and mass transfer over slippery, superhydrophobic surfaces. <i>Physics of Fluids</i> , 2016, 28, 042002.	4.0	14
111	ATR-IR spectroscopic cell for in situ studies at solid-liquid interface at elevated temperatures and pressures. <i>Catalysis Today</i> , 2017, 283, 185-194.	4.4	14
112	Enhanced ion transport using geometrically structured charge selective interfaces. <i>Lab on A Chip</i> , 2018, 18, 1652-1660.	6.0	14
113	Rate of gas absorption on a slippery bubble mattress. <i>Soft Matter</i> , 2013, 9, 11098.	2.7	13
114	Altering Emulsion Stability with Heterogeneous Surface Wettability. <i>Scientific Reports</i> , 2016, 6, 26953.	3.3	13
115	Carbon nano-fiber based membrane reactor for selective nitrite hydrogenation. <i>Catalysis Today</i> , 2016, 273, 50-61.	4.4	13
116	Poly(ferrocenylsilanes) as etch barriers in nano and microlithographic applications. <i>Macromolecular Symposia</i> , 2003, 196, 45-56.	0.7	12
117	A microgrooved membrane based gas-liquid contactor. <i>Microfluidics and Nanofluidics</i> , 2012, 13, 499-509.	2.2	12
118	Modeling of gas-liquid reactions in porous membrane microreactors. <i>Journal of Membrane Science</i> , 2012, 419-420, 57-64.	8.2	12
119	Oxygenation by a superhydrophobic slip G/L contactor. <i>Lab on A Chip</i> , 2012, 12, 2922.	6.0	12
120	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
121	Enhanced CO ₂ capture through bulky poly(urethane-urea)-based MMMs containing hyperbranched triazine based silica nanoparticles. <i>Separation and Purification Technology</i> , 2020, 241, 116734.	7.9	12
122	Connecting experimental degradation kinetics to theoretical models for photocatalytic reactors: The influence of mass transport limitations. <i>Chemical Engineering Science</i> , 2021, 245, 116835.	3.8	12
123	Crystallization kinetics and morphology of poly(ferrocenyldimethylsilane). <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2141-2145.	2.2	11
124	Polymer-in-a-Silica-Crust Membranes: Macroporous Materials with Tunable Surface Functionality. <i>Langmuir</i> , 2006, 22, 5459-5468.	3.5	11
125	Water hammer reduces fouling during natural water ultrafiltration. <i>Water Research</i> , 2012, 46, 1113-1120.	11.3	11
126	Spatial Site-Patterning of Wettability in a Microcapillary Tube. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10657-10660.	8.0	11

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127	Partially hydrophobized catalyst particles for aqueous nitrite hydrogenation. <i>Applied Catalysis B: Environmental</i> , 2014, 156-157, 166-172.	20.2	10
128	Morphology control of organometallic domains in phase-separated poly(styrene-block-ferrocenyldimethylsilanes). <i>Journal of Polymer Science Part A</i> , 1998, 36, 2147-2150.	2.3	9
129	Electrochemical AFM on surface grafted poly(ferrocenylsilanes). <i>Macromolecular Symposia</i> , 2001, 167, 285-296.	0.7	9
130	Predictive model for convective flows induced by surface reactivity contrast. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	9
131	Transport and surface reaction model of a photocatalytic membrane during the radical filtration of methylene blue. <i>Chemical Engineering Science</i> , 2022, 254, 117617.	3.8	9
132	Reaction induced diffusio-phoresis of ordinary catalytic particles. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 1439-1446.	3.7	8
133	Bacteria Delay the Jamming of Particles at Microchannel Bottlenecks. <i>Scientific Reports</i> , 2016, 6, 31471.	3.3	7
134	Determination of Binding Constants of Polyethylene Glycol Vancomycin Derivatives to Peptide Ligands Using Affinity Capillary Electrophoresis. <i>Chromatographia</i> , 2007, 65, 299-303.	1.3	5
135	Tunable Microstructured Membranes in Organs-on-Chips to Monitor Transendothelial Hydraulic Resistance. <i>Tissue Engineering - Part A</i> , 2019, 25, 1635-1645.	3.1	5
136	Membrane Filtration of Anionic Surfactant Stabilized Emulsions: Effect of Ionic Strength on Fouling and Droplet Adhesion. <i>Colloids and Interfaces</i> , 2019, 3, 9.	2.1	5
137	Electrocatalytic reaction-driven flow. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	5
138	Comparative assessment of hydrocarbon separation performance of bulky poly(urethane-urea)s toward rubbery membranes. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 98, 104356.	4.4	5
139	Fructose dehydration to hydroxyl-methylfurfural in an immobilized catalytic microreactor. <i>Journal of Flow Chemistry</i> , 2020, 10, 461-468.	1.9	4
140	Electrocatalytic Reaction Driven Flow: Role of pH in Flow Reversal. <i>Journal of Physical Chemistry C</i> , 2021, 125, 24876-24886.	3.1	4
141	Network Formation and Sieving Performance of Self-Assembling Hydrogels. <i>Macromolecules</i> , 2003, 36, 9154-9161.	4.8	2
142	Charge Regulation at a Nanoporous Two-Dimensional Interface. <i>ACS Omega</i> , 2021, 6, 2487-2493.	3.5	2
143	Electrocatalytic Reaction Induced Colloidal Accumulation: The Role of Dielectrophoresis. <i>Langmuir</i> , 2022, 38, 3040-3050.	3.5	2
144	Crystallization and melting behaviour of poly(ferrocenylsilanes). <i>Macromolecular Symposia</i> , 1998, 127, 161-163.	0.7	1

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145	Surface texturing inside ceramic macro/micro channels. Journal of the European Ceramic Society, 2010, 30, 1345-1350.	5.7	1
146	Magnetic-controlled membrane transport. National Science Review, 2021, 8, nwab062.	9.5	1
147	Reaction and diffusion dynamics in a microfluidic format. Materials Research Society Symposia Proceedings, 2004, 820, 79.	0.1	0
148	Hybrid silica " polymer macroporous membranes with tunable surface functionality. Desalination, 2006, 199, 296-298.	8.2	0
149	A novel method for the fabrication of freestanding PZT features on substrates. Journal of the European Ceramic Society, 2009, 29, 3227-3233.	5.7	0
150	Crystallization kinetics and morphology of poly(ferrocenyldimethylsilane). Macromolecular Chemistry and Physics, 1998, 199, 2141-2145.	2.2	0