

P Maarten Biesheuvel

List of Publications by Year in descending order

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143
papers

15,114
citations

22099

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145
all docs

145
docs citations

145
times ranked

7041
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on the science and technology of water desalination by capacitive deionization. <i>Progress in Materials Science</i> , 2013, 58, 1388-1442.	16.0	1,648
2	Water desalination via capacitive deionization: what is it and what can we expect from it?. <i>Energy and Environmental Science</i> , 2015, 8, 2296-2319.	15.6	1,273
3	Membrane capacitive deionization. <i>Journal of Membrane Science</i> , 2010, 346, 256-262.	4.1	464
4	Direct prediction of the desalination performance of porous carbon electrodes for capacitive deionization. <i>Energy and Environmental Science</i> , 2013, 6, 3700.	15.6	461
5	Energy consumption and constant current operation in membrane capacitive deionization. <i>Energy and Environmental Science</i> , 2012, 5, 9520.	15.6	439
6	Theory of membrane capacitive deionization including the effect of the electrode pore space. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 239-248.	5.0	374
7	Water Desalination Using Capacitive Deionization with Microporous Carbon Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1194-1199.	4.0	374
8	Charge Efficiency: A Functional Tool to Probe the Double-Layer Structure Inside of Porous Electrodes and Application in the Modeling of Capacitive Deionization. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 205-210.	2.1	334
9	Produced water treatment by membranes: A review from a colloidal perspective. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 523-534.	5.0	320
10	Energy consumption in membrane capacitive deionization for different water recoveries and flow rates, and comparison with reverse osmosis. <i>Desalination</i> , 2013, 330, 35-41.	4.0	301
11	Optimization of salt adsorption rate in membrane capacitive deionization. <i>Water Research</i> , 2013, 47, 1941-1952.	5.3	276
12	Nonlinear dynamics of capacitive charging and desalination by porous electrodes. <i>Physical Review E</i> , 2010, 81, 031502.	0.8	271
13	Attractive forces in microporous carbon electrodes for capacitive deionization. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1365-1376.	1.2	256
14	Carbon flow electrodes for continuous operation of capacitive deionization and capacitive mixing energy generation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9313.	5.2	233
15	Recent advances in ion selectivity with capacitive deionization. <i>Energy and Environmental Science</i> , 2021, 14, 1095-1120.	15.6	226
16	Nickel Hexacyanoferrate Electrodes for Continuous Cation Intercalation Desalination of Brackish Water. <i>Electrochimica Acta</i> , 2017, 255, 369-378.	2.6	221
17	Diffuse charge and Faradaic reactions in porous electrodes. <i>Physical Review E</i> , 2011, 83, 061507.	0.8	216
18	Time-dependent ion selectivity in capacitive charging of porous electrodes. <i>Journal of Colloid and Interface Science</i> , 2012, 384, 38-44.	5.0	213

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19	Nernst-Planck transport theory for (reverse) electrodialysis: I. Effect of co-ion transport through the membranes. <i>Journal of Membrane Science</i> , 2016, 510, 370-381.	4.1	211
20	Direct Power Production from a Water Salinity Difference in a Membrane-Modified Supercapacitor Flow Cell. <i>Environmental Science & Technology</i> , 2010, 44, 5661-5665.	4.6	204
21	Performance metrics for the objective assessment of capacitive deionization systems. <i>Water Research</i> , 2019, 152, 126-137.	5.3	201
22	Enhanced charge efficiency and reduced energy use in capacitive deionization by increasing the discharge voltage. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 317-326.	5.0	184
23	Complementary surface charge for enhanced capacitive deionization. <i>Water Research</i> , 2016, 92, 275-282.	5.3	176
24	Dynamic Adsorption/Desorption Process Model for Capacitive Deionization. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5636-5640.	1.5	173
25	A prototype cell for extracting energy from a water salinity difference by means of double layer expansion in nanoporous carbon electrodes. <i>Energy and Environmental Science</i> , 2011, 4, 772.	15.6	164
26	Counterion volume effects in mixed electrical double layers. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 490-499.	5.0	161
27	Theory of pH changes in water desalination by capacitive deionization. <i>Water Research</i> , 2017, 119, 178-186.	5.3	160
28	Effect of electrode thickness variation on operation of capacitive deionization. <i>Electrochimica Acta</i> , 2012, 75, 148-156.	2.6	158
29	Resistance identification and rational process design in Capacitive Deionization. <i>Water Research</i> , 2016, 88, 358-370.	5.3	155
30	Adsorption of the Protein Bovine Serum Albumin in a Planar Poly(acrylic acid) Brush Layer As Measured by Optical Reflectometry. <i>Langmuir</i> , 2008, 24, 6575-6584.	1.6	154
31	Thermodynamic cycle analysis for capacitive deionization. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 258-264.	5.0	149
32	Electrostatic Free Energy of Weakly Charged Macromolecules in Solution and Intermacromolecular Complexes Consisting of Oppositely Charged Polymers. <i>Langmuir</i> , 2004, 20, 2785-2791.	1.6	142
33	Fluidized bed electrodes with high carbon loading for water desalination by capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3642-3647.	5.2	140
34	Current-Induced Membrane Discharge. <i>Physical Review Letters</i> , 2012, 109, 108301.	2.9	134
35	Electrochemistry and capacitive charging of porous electrodes in asymmetric multicomponent electrolytes. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 580-592.	0.3	134
36	Timeline on the application of intercalation materials in Capacitive Deionization. <i>Desalination</i> , 2019, 455, 115-134.	4.0	132

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37	Validity of the Boltzmann equation to describe Donnan equilibrium at the membrane-solution interface. <i>Journal of Membrane Science</i> , 2013, 442, 131-139.	4.1	126
38	Nernst-Planck transport theory for (reverse) electrodialysis: II. Effect of water transport through ion-exchange membranes. <i>Journal of Membrane Science</i> , 2017, 531, 172-182.	4.1	124
39	Theory of Water Desalination by Porous Electrodes with Immobile Chemical Charge. <i>Colloids and Interface Science Communications</i> , 2015, 9, 1-5.	2.0	119
40	Analysis of electrolyte transport through charged nanopores. <i>Physical Review E</i> , 2016, 93, 053108.	0.8	119
41	Design of ceramic membrane supports: permeability, tensile strength and stress. <i>Journal of Membrane Science</i> , 1999, 156, 141-152.	4.1	118
42	Imposed currents in galvanic cells. <i>Electrochimica Acta</i> , 2009, 54, 4857-4871.	2.6	112
43	Polyelectrolyte Brush Amplified Electroactuation of Microcantilevers. <i>Nano Letters</i> , 2008, 8, 725-730.	4.5	109
44	Water Desalination with Wires. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1613-1618.	2.1	101
45	Nickel hexacyanoferrate electrodes for high mono/divalent ion-selectivity in capacitive deionization. <i>Desalination</i> , 2020, 481, 114346.	4.0	101
46	Diffuse-charge effects on the transient response of electrochemical cells. <i>Physical Review E</i> , 2010, 81, 021503.	0.8	100
47	Energy consumption in capacitive deionization - Constant current versus constant voltage operation. <i>Water Research</i> , 2018, 143, 367-375.	5.3	93
48	Theory of Cast Formation in Electrophoretic Deposition. <i>Journal of the American Ceramic Society</i> , 1999, 82, 1451-1455.	1.9	92
49	Theory of water treatment by capacitive deionization with redox active porous electrodes. <i>Water Research</i> , 2018, 132, 282-291.	5.3	86
50	A one-dimensional model for water desalination by flow-through electrode capacitive deionization. <i>Desalination</i> , 2017, 415, 8-13.	4.0	82
51	Salt and Water Transport in Reverse Osmosis Membranes: Beyond the Solution-Diffusion Model. <i>Environmental Science & Technology</i> , 2021, 55, 16665-16675.	4.6	82
52	Energy Consumption of Brackish Water Desalination: Identifying the Sweet Spots for Electrodialysis and Reverse Osmosis. <i>ACS ES&T Engineering</i> , 2021, 1, 851-864.	3.7	81
53	A Modified Box Model Including Charge Regulation for Protein Adsorption in a Spherical Polyelectrolyte Brush. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4209-4214.	1.2	78
54	A Modified Poisson-Boltzmann Model Including Charge Regulation for the Adsorption of Ionizable Polyelectrolytes to Charged Interfaces, Applied to Lysozyme Adsorption on Silica. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4172-4180.	1.2	72

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55	In Situ Spatially and Temporally Resolved Measurements of Salt Concentration between Charging Porous Electrodes for Desalination by Capacitive Deionization. <i>Environmental Science & Technology</i> , 2014, 48, 2008-2015.	4.6	65
56	Salt-Induced Swelling-to-Shrinking Transition in Polyelectrolyte Multilayer Capsules. <i>Physical Review Letters</i> , 2006, 97, 188301.	2.9	64
57	Electrostatic free energy of interacting ionizable double layers. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 514-522.	5.0	62
58	Harvesting Energy from CO ₂ Emissions. <i>Environmental Science and Technology Letters</i> , 2014, 1, 31-35.	3.9	61
59	Nernst-Planck transport theory for (reverse) electrodialysis: III. Optimal membrane thickness for enhanced process performance. <i>Journal of Membrane Science</i> , 2018, 565, 480-487.	4.1	61
60	Ionizable polyelectrolyte brushes: brush height and electrosteric interaction. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 97-106.	5.0	59
61	Exceptional Water Desalination Performance with Anion-Selective Electrodes. <i>Advanced Materials</i> , 2019, 31, e1806937.	11.1	59
62	Cylindrical Cell Model for the Electrostatic Free Energy of Polyelectrolyte Complexes. <i>Langmuir</i> , 2004, 20, 4764-4770.	1.6	58
63	Analysis of ionic conductance of carbon nanotubes. <i>Physical Review E</i> , 2016, 94, 050601.	0.8	57
64	High performance electrochemical saline water desalination using silver and silver-chloride electrodes. <i>Desalination</i> , 2020, 476, 114216.	4.0	57
65	Ion Selectivity in Brackish Water Desalination by Reverse Osmosis: Theory, Measurements, and Implications. <i>Environmental Science and Technology Letters</i> , 2020, 7, 42-47.	3.9	55
66	Tutorial review of reverse osmosis and electrodialysis. <i>Journal of Membrane Science</i> , 2022, 647, 120221.	4.1	55
67	Diffuse Charge Effects in Fuel Cell Membranes. <i>Journal of the Electrochemical Society</i> , 2009, 156, B225.	1.3	53
68	Reversible thermodynamic cycle analysis for capacitive deionization with modified Donnan model. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 522-528.	5.0	53
69	Selective adsorption of nitrate over chloride in microporous carbons. <i>Water Research</i> , 2019, 164, 114885.	5.3	53
70	Semianalytical Continuum Model for Nondilute Neutral and Charged Brushes Including Finite Stretching. <i>Macromolecules</i> , 2008, 41, 6254-6259.	2.2	52
71	Graded membrane supports produced by centrifugal casting of a slightly polydisperse suspension. <i>Chemical Engineering Science</i> , 2001, 56, 3517-3525.	1.9	51
72	Theory of ion transport with fast acid-base equilibrations in bioelectrochemical systems. <i>Physical Review E</i> , 2014, 90, 013302.	0.8	51

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73	Theory of Ion and Water Transport in Reverse-Osmosis Membranes. <i>Physical Review Applied</i> , 2018, 9, .	1.5	51
74	Two-fluid model for the simultaneous flow of colloids and fluids in porous media. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 389-395.	5.0	49
75	Self-consistent field theory of protein adsorption in a non-Gaussian polyelectrolyte brush. <i>Physical Review E</i> , 2006, 73, 011802.	0.8	48
76	Micromechanical Theory for pH-Dependent Polyelectrolyte Multilayer Capsule Swelling. <i>Macromolecules</i> , 2006, 39, 8480-8486.	2.2	46
77	Application of the Charge Regulation Model to Transport of Ions through Hydrophilic Membranes: One-Dimensional Transport Model for Narrow Pores (Nanofiltration). <i>Journal of Colloid and Interface Science</i> , 2002, 251, 131-142.	5.0	43
78	Adsorption of Anionic Surfactants in a Nonionic Polymer Brush: Experiments, Comparison with Mean-Field Theory, and Implications for Brush-Particle Interaction. <i>Langmuir</i> , 2009, 25, 9252-9261.	1.6	40
79	Phase Behavior of Mixtures of Oppositely Charged Nanoparticles: A Heterogeneous Poisson-Boltzmann Cell Model Applied to Lysozyme and Succinylated Lysozyme. <i>Langmuir</i> , 2006, 22, 1291-1300.	1.6	39
80	Calculation of the Composition Profile of a Functionally Graded Material Produced by Centrifugal Casting. <i>Journal of the American Ceramic Society</i> , 2000, 83, 743-749.	1.9	38
81	Wettability of Amphoteric Surfaces: The Effect of pH and Ionic Strength on Surface Ionization and Wetting. <i>Langmuir</i> , 2018, 34, 15174-15180.	1.6	37
82	Theory of linear sweep voltammetry with diffuse charge: Unsupported electrolytes, thin films, and leaky membranes. <i>Physical Review E</i> , 2017, 95, 033303.	0.8	35
83	Coulometry and Calorimetry of Electric Double Layer Formation in Porous Electrodes. <i>Physical Review Letters</i> , 2017, 119, 166002.	2.9	35
84	Two-section reactor model for autothermal reforming of methane to synthesis gas. <i>AIChE Journal</i> , 2003, 49, 1827-1837.	1.8	34
85	Adsorption of charged and neutral polymer chains on silica surfaces: The role of electrostatics, volume exclusion, and hydrogen bonding. <i>Physical Review E</i> , 2015, 91, 012601.	0.8	34
86	Effect of Protein Adsorption and Ionic Strength on the Equilibrium Partition Coefficient of Ionizable Macromolecules in Charged Nanopores. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17660-17665.	1.2	33
87	Energy from CO ₂ using capacitive electrodes – Theoretical outline and calculation of open circuit voltage. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 200-207.	5.0	32
88	Capacitive deionization with wire-shaped electrodes. <i>Electrochimica Acta</i> , 2018, 270, 165-173.	2.6	30
89	Modified Poisson-Nernst-Planck theory for ion transport in polymeric electrolytes. <i>Journal of Electrostatics</i> , 2008, 66, 567-573.	1.0	29
90	Energy from CO ₂ using capacitive electrodes – A model for energy extraction cycles. <i>Journal of Colloid and Interface Science</i> , 2015, 442, 103-109.	5.0	29

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91	Evaluation of instability criterion for bidisperse sedimentation. <i>AIChE Journal</i> , 2001, 47, 45-52.	1.8	28
92	Sedimentation–diffusion equilibrium of binary mixtures of charged colloids including volume effects. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 6337-6352.	0.7	28
93	Direct Correlation between Local Pressure and Fluorescence Output in Mechanoresponsive Polyelectrolyte Brushes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9629-9632.	7.2	28
94	Simplifications of the Poisson–Boltzmann Equation for the Electrostatic Interaction of Close Hydrophilic Surfaces in Water. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 362-370.	5.0	27
95	Evidence for charge regulation in the sedimentation of charged colloids. <i>Journal of Physics Condensed Matter</i> , 2004, 16, L499-L504.	0.7	27
96	Carbon nanotube yarns as strong flexible conductive capacitive electrodes. <i>Colloids and Interface Science Communications</i> , 2014, 3, 9-12.	2.0	27
97	Induced-Charge Capacitive Deionization: The Electrokinetic Response of a Porous Particle to an External Electric Field. <i>Physical Review Letters</i> , 2016, 117, 234502.	2.9	27
98	Implications of the Charge Regulation Model for the Interaction of Hydrophilic Surfaces in Water. <i>Langmuir</i> , 2001, 17, 3553-3556.	1.6	25
99	Sedimentation dynamics and equilibrium profiles in multicomponent mixtures of colloidal particles. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 075101.	0.7	25
100	Volume exclusion effects in the ground-state dominance approximation for polyelectrolyte adsorption on charged interfaces. <i>European Physical Journal E</i> , 2005, 16, 353-359.	0.7	24
101	Theory of batchwise centrifugal casting. <i>AIChE Journal</i> , 1998, 44, 1914-1922.	1.8	23
102	Modeling constant voltage electrophoretic deposition from a stirred suspension. <i>AIChE Journal</i> , 2000, 46, 626-631.	1.8	23
103	Comment on <i>Sponge-Templated Preparation of High Surface Area Graphene with Ultrahigh Capacitive Deionization Performance</i> . <i>Advanced Functional Materials</i> , 2015, 25, 179-181.	7.8	23
104	Non-Gaussian curvature distribution of actin-propelled biomimetic colloid trajectories. <i>European Biophysics Journal</i> , 2008, 37, 1361-1366.	1.2	22
105	Electrochemical removal of amphoteric ions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
106	Nanofiltration of complex mixtures: The effect of the adsorption of divalent ions on membrane retention. <i>Desalination</i> , 2022, 527, 115552.	4.0	20
107	Strategies to increase ion selectivity in electrodialysis. <i>Separation and Purification Technology</i> , 2022, 292, 120944.	3.9	19
108	Particle segregation during pressure filtration for cast formation. <i>Chemical Engineering Science</i> , 2000, 55, 2595-2606.	1.9	18

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109	Phase behavior of mixtures of oppositely charged protein nanoparticles at asymmetric charge ratios. <i>Physical Review E</i> , 2006, 73, 041408.	0.8	18
110	Theory of Ion and Water Transport in Electron-Conducting Membrane Pores with H-Dependent Chemical Charge. <i>Physical Review Applied</i> , 2019, 12, .	1.5	18
111	Theory of Ion and Electron Transport Coupled with Biochemical Conversions in an Electroactive Biofilm. <i>Physical Review Applied</i> , 2019, 12, .	1.5	18
112	The influence of feedwater pH on membrane charge ionization and ion rejection by reverse osmosis: An experimental and theoretical study. <i>Journal of Membrane Science</i> , 2022, 660, 120800.	4.1	18
113	Revisiting Morrison and Osterle 1965: the efficiency of membrane-based electrokinetic energy conversion. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 324001.	0.7	16
114	New parametrization method for salt permeability of reverse osmosis desalination membranes. , 2022, 2, 100010.		16
115	Theory of oil fouling for microfiltration and ultrafiltration membranes in produced water treatment. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 431-439.	5.0	16
116	Application of the Charge Regulation Model to the Colloidal Processing of Ceramics. <i>Langmuir</i> , 2001, 17, 3557-3562.	1.6	14
117	Application of the Charge Regulation Model to the Separation of Ions by Hydrophilic Membranes. <i>Journal of Colloid and Interface Science</i> , 2001, 241, 422-427.	5.0	14
118	Modeling permeate pH in RO membranes by the extended Donnan steric partitioning pore model. <i>Journal of Membrane Science</i> , 2020, 613, 118511.	4.1	14
119	Multicomponent mass transport modeling of water desalination by reverse osmosis including ion pair formation. <i>Journal of Chemical Physics</i> , 2021, 154, 124501.	1.2	12
120	Response of the Osmotic Tensiometer to Varying Temperatures Modeling and Experimental Validation. <i>Soil Science Society of America Journal</i> , 1999, 63, 1571-1579.	1.2	11
121	Surfactant-dependent critical interfacial tension in silicon carbide membranes for produced water treatment. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 222-231.	5.0	11
122	Dynamic Charge Regulation Model for the Electrostatic Forces between Ionizable Materials. <i>Langmuir</i> , 2002, 18, 5566-5571.	1.6	10
123	Comment on "Carbon nanotube/graphene composite for enhanced capacitive deionization performance" by Y. Wimalasiri and L. Zou. <i>Carbon</i> , 2013, 63, 574-575.	5.4	10
124	A novel interconnected fluidised bed for the combined flash pyrolysis of biomass and combustion of char. <i>Chemical Engineering Journal</i> , 1999, 75, 121-130.	6.6	9
125	Tensile stress in a porous medium due to gas expansion. <i>AIChE Journal</i> , 1999, 45, 1322-1328.	1.8	9
126	Compact Formation during Colloidal Isopressing. <i>Journal of the American Ceramic Society</i> , 2002, 85, 1456-1460.	1.9	9

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127	Theory of transport and recovery in microbial electrosynthesis of acetate from CO_2 . <i>Electrochimica Acta</i> , 2021, 379, 138029.	2.6	9
128	Influence of suspension concentration on cast formation time in pressure filtration. <i>Journal of the European Ceramic Society</i> , 2000, 20, 835-842.	2.8	8
129	Granular flow in a rotating cone partly submerged in a fluidized bed. <i>AIChE Journal</i> , 2000, 46, 499-508.	1.8	7
130	A prototype osmotic tensiometer with polymeric gel grains. <i>European Journal of Soil Science</i> , 2000, 51, 355-364.	1.8	7
131	Shortcut model for water-balanced operation in fuel processor fuel cell systems. <i>Journal of Power Sources</i> , 2004, 138, 156-161.	4.0	7
132	AC-driven electro-osmotic flow in charged nanopores. <i>Europhysics Letters</i> , 2018, 123, 58006.	0.7	7
133	New method for electrochemical ion separation (EIONS) for chloride/nitrate separation using Ag/AgCl electrodes with a cation exchange membrane. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106876.	3.3	6
134	Microdivers to study sedimentation in polydisperse, concentrated colloidal suspensions. <i>AIChE Journal</i> , 2001, 47, 1969-1977.	1.8	5
135	Thermodynamic analysis of direct internal reforming of methane and butane in proton and oxygen conducting fuel cells. <i>Journal of Power Sources</i> , 2008, 185, 1162-1167.	4.0	5
136	Ionic polarisation layers in polymer electrolytes. , 2008, , .		5
137	Electrostatic cooling at electrolyte-electrolyte junctions. <i>Physical Review Research</i> , 2019, 1, .	1.3	5
138	Desalination of Complex Multi-Ionic Solutions by Reverse Osmosis at Different pH Values, Temperatures, and Compositions. <i>ACS Omega</i> , 2021, 6, 19946-19955.	1.6	4
139	Theory of gel expansion to generate electrical energy. <i>Europhysics Letters</i> , 2017, 120, 46002.	0.7	3
140	Rapid Manufacturing of Microlaminates by Centrifugal Injection Casting. <i>Advanced Engineering Materials</i> , 2000, 2, 507-510.	1.6	2
141	Layering of bidisperse charged nanoparticles in sedimentation. <i>Soft Matter</i> , 2020, 16, 4718-4722.	1.2	2
142	Comment on "electrophoretic deposition-mechanisms, myths and materials" by Y. Fukuda, N. Nagarajan, W. Mekky, Y. Bao, H.-S. Kim and P. S. Nicholson (<i>J. Mater. Sci.</i> 39 (2004) 787). <i>Journal of Materials Science</i> , 2004, 39, 7081-7083.	1.7	1
143	COMMENT TO "A theoretical model for salt ion drift due to electric field suitable to seawater desalination" by V. Bartzis and I.E. Sarris, <i>Desalination</i> 473 (2020) 114163. <i>Desalination</i> , 2020, 474, 114214.	4.0	1