

Bernard P Binks

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

15,468
citations

58
h-index

122
g-index

197
ext. papers

17,301
ext. citations

6.7
avg, IF

7.3
L-index

#	Paper	IF	Citations
187	Particles as surfactants—similarities and differences. <i>Current Opinion in Colloid and Interface Science</i> , 2002 , 7, 21-41	7.6	2665
186	Emulsions stabilised solely by colloidal particles. <i>Advances in Colloid and Interface Science</i> , 2003 , 100-102, 503-546	14.3	1734
185	Phase inversion of particle-stabilized materials from foams to dry water. <i>Nature Materials</i> , 2006 , 5, 865-927	9.7	517
184	Solid Wettability from Surface Energy Components: Relevance to Pickering Emulsions. <i>Langmuir</i> , 2002 , 18, 1270-1273	4	496
183	Aqueous foams stabilized solely by silica nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3722-5	16.4	396
182	Synergistic interaction in emulsions stabilized by a mixture of silica nanoparticles and cationic surfactant. <i>Langmuir</i> , 2007 , 23, 3626-36	4	354
181	Outstanding Stability of Particle-Stabilized Bubbles. <i>Langmuir</i> , 2003 , 19, 3106-3108	4	270
180	Nanoparticle silica-stabilised oil-in-water emulsions: improving emulsion stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 253, 105-115	5.1	258
179	Particle-stabilized emulsions: a bilayer or a bridging monolayer?. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 773-6	16.4	251
178	Silica particle-stabilized emulsions of silicone oil and water: aspects of emulsification. <i>Langmuir</i> , 2004 , 20, 1130-7	4	251
177	Emulsions stabilised by whey protein microgel particles: towards food-grade Pickering emulsions. <i>Soft Matter</i> , 2014 , 10, 6941-54	3.6	249
176	Synergistic stabilization of emulsions by a mixture of surface-active nanoparticles and surfactant. <i>Langmuir</i> , 2007 , 23, 1098-106	4	225
175	Magnetic Pickering emulsions stabilized by Fe ₃ O ₄ nanoparticles. <i>Langmuir</i> , 2011 , 27, 3308-16	4	206
174	Enhanced stabilization of emulsions due to surfactant-induced nanoparticle flocculation. <i>Langmuir</i> , 2007 , 23, 7436-9	4	202
173	Origin of stabilisation of aqueous foams in nanoparticle-surfactant mixtures. <i>Soft Matter</i> , 2008 , 4, 2373	3.6	196
172	Order-Disorder Transition in Monolayers of Modified Monodisperse Silica Particles at the Octane-Water Interface. <i>Langmuir</i> , 2003 , 19, 2822-2829	4	173
171	Inversion of silica-stabilized emulsions induced by particle concentration. <i>Langmuir</i> , 2005 , 21, 3296-302	4	172

170	Temperature-induced inversion of nanoparticle-stabilized emulsions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4795-8	16.4	170
169	Particle-stabilised foams: an interfacial study. <i>Soft Matter</i> , 2009 , 5, 2215	3.6	161
168	Compartmentalization of incompatible reagents within Pickering emulsion droplets for one-pot cascade reactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1362-71	16.4	160
167	High-Internal-Phase Pickering Emulsions Stabilized Solely by Peanut-Protein-Isolate Microgel Particles with Multiple Potential Applications. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9274-9278	16.4	148
166	Effects of pH and salt concentration on oil-in-water emulsions stabilized solely by nanocomposite microgel particles. <i>Langmuir</i> , 2006 , 22, 2050-7	4	143
165	Colloidal Particles at a Range of Fluid-Fluid Interfaces. <i>Langmuir</i> , 2017 , 33, 6947-6963	4	140
164	Inversion of emulsions stabilized solely by ionizable nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 441-4	16.4	139
163	Compartmentalized Droplets for Continuous Flow Liquid-Liquid Interface Catalysis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10173-83	16.4	137
162	Switchable pickering emulsions stabilized by silica nanoparticles hydrophobized in situ with a switchable surfactant. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12373-6	16.4	130
161	Stimulus-responsive particulate emulsifiers based on lightly cross-linked poly(4-vinylpyridine)-silica nanocomposite microgels. <i>Langmuir</i> , 2006 , 22, 6818-25	4	121
160	Effects of temperature on water-in-oil emulsions stabilised solely by wax microparticles. <i>Journal of Colloid and Interface Science</i> , 2009 , 335, 94-104	9.3	117
159	Double inversion of emulsions by using nanoparticles and a di-chain surfactant. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5389-92	16.4	117
158	Effect of electrolyte in silicone oil-in-water emulsions stabilised by fumed silica particles. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 6398-404	3.6	113
157	Self-Propulsion of Liquid Marbles: Leidenfrost-like Levitation Driven by Marangoni Flow. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9910-9915	3.8	112
156	Rheological behavior of water-in-oil emulsions stabilized by hydrophobic bentonite particles. <i>Langmuir</i> , 2005 , 21, 5307-16	4	112
155	Fabrication of Hierarchical Macroporous Biocompatible Scaffolds by Combining Pickering High Internal Phase Emulsion Templates with Three-Dimensional Printing. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 22950-22958	9.5	105
154	Design of Surface-Active Artificial Enzyme Particles to Stabilize Pickering Emulsions for High-Performance Biphasic Biocatalysis. <i>Advanced Materials</i> , 2016 , 28, 1682-8	24	105
153	pH-responsive aqueous foams stabilized by ionizable latex particles. <i>Langmuir</i> , 2007 , 23, 8691-4	4	104

152	pH-Responsive Pickering Emulsions Stabilized by Silica Nanoparticles in Combination with a Conventional Zwitterionic Surfactant. <i>Langmuir</i> , 2017 , 33, 2296-2305	4	102
151	Switchable Pickering emulsions stabilized by silica nanoparticles hydrophobized in situ with a conventional cationic surfactant. <i>Langmuir</i> , 2015 , 31, 3301-7	4	97
150	Ionic Liquid Droplet Microreactor for Catalysis Reactions Not at Equilibrium. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17387-17396	16.4	94
149	Switchable Opening and Closing of a Liquid Marble via Ultrasonic Levitation. <i>Langmuir</i> , 2015 , 31, 11502-7	4	93
148	Novel stabilization of emulsions via the heteroaggregation of nanoparticles. <i>Langmuir</i> , 2008 , 24, 4443-6	4	89
147	Adsorption of Charged Colloid Particles to Charged Liquid Surfaces. <i>Langmuir</i> , 2002 , 18, 6946-6955	4	88
146	Novel emulsions of ionic liquids stabilised solely by silica nanoparticles. <i>Chemical Communications</i> , 2003 , 2540-1	5.8	87
145	Structure and stability of silica particle monolayers at horizontal and vertical octane-water interfaces. <i>Langmuir</i> , 2005 , 21, 7405-12	4	86
144	In vitro gene expression and enzyme catalysis in bio-inorganic protocells. <i>Chemical Science</i> , 2011 , 2, 1739-4	4	83
143	Contact angles in relation to emulsions stabilised solely by silica nanoparticles including systems containing room temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 6391-7	3.6	81
142	How Do Emulsions Evaporate?. <i>Langmuir</i> , 2002 , 18, 3471-3475	4	75
141	pH-Responsive Gas-Water-Solid Interface for Multiphase Catalysis. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15015-25	16.4	74
140	Effect of pH and salt concentration on the phase inversion of particle-stabilized foams. <i>Langmuir</i> , 2007 , 23, 9143-6	4	73
139	Oil-in-oil emulsions stabilised solely by solid particles. <i>Soft Matter</i> , 2016 , 12, 876-87	3.6	72
138	Effect of particle hydrophobicity on the properties of liquid water marbles. <i>Soft Matter</i> , 2013 , 9, 5067	3.6	72
137	Pickering Emulsions Responsive to CO ₂ /N ₂ and Light Dual Stimuli at Ambient Temperature. <i>Langmuir</i> , 2016 , 32, 8668-75	4	66
136	Light-Responsive, Reversible Emulsification and Demulsification of Oil-in-Water Pickering Emulsions for Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3928-3933	16.4	66
135	Influence of the degree of fluorination on the behaviour of silica particles at air/water surfaces. <i>Soft Matter</i> , 2013 , 9, 834-845	3.6	64

134	Phase inversion of particle-stabilised perfume oil-water emulsions: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11954-66	3.6	63
133	Effect of particle hydrophobicity on the formation and collapse of fumed silica particle monolayers at the oil/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 282-283, 377-386	5.1	63
132	Thermoresponsive Pickering Emulsions Stabilized by Silica Nanoparticles in Combination with Alkyl Polyoxyethylene Ether Nonionic Surfactant. <i>Langmuir</i> , 2017 , 33, 5724-5733	4	61
131	Stabilization of Pickering Emulsions with Oppositely Charged Latex Particles: Influence of Various Parameters and Particle Arrangement around Droplets. <i>Langmuir</i> , 2015 , 31, 11200-8	4	59
130	Particle-Stabilized Emulsions: A Bilayer or a Bridging Monolayer?. <i>Angewandte Chemie</i> , 2006 , 118, 787-796	3.6	59
129	Temperature-Induced Inversion of Nanoparticle-Stabilized Emulsions. <i>Angewandte Chemie</i> , 2005 , 117, 4873-4876	3.6	58
128	Pickering emulsions stabilized by hydrophilic nanoparticles: in situ surface modification by oil. <i>Soft Matter</i> , 2016 , 12, 6858-67	3.6	55
127	Whipped oil stabilised by surfactant crystals. <i>Chemical Science</i> , 2016 , 7, 2621-2632	9.4	54
126	Oil foams stabilised solely by particles. <i>Soft Matter</i> , 2011 , 7, 1800-1808	3.6	53
125	Influence of surfactant structure on the double inversion of emulsions in the presence of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 345, 195-201	5.1	53
124	Effects of temperature on the partitioning and adsorption of C12E5 in heptane/water mixtures. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990 , 86, 3111-3115		52
123	Facile preparation of bioactive nanoparticle/poly(ϵ -caprolactone) hierarchical porous scaffolds via 3D printing of high internal phase Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2019 , 545, 104-115	9.3	51
122	Switchable Pickering Emulsions Stabilized by Silica Nanoparticles Hydrophobized In Situ with a Switchable Surfactant. <i>Angewandte Chemie</i> , 2013 , 125, 12599-12602	3.6	51
121	An ellipsometry study of silica nanoparticle layers at the water surface. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 9522-9	3.6	50
120	Coalescence of electrically charged liquid marbles. <i>Soft Matter</i> , 2016 , 13, 119-124	3.6	49
119	Responsive aqueous foams stabilised by silica nanoparticles hydrophobised in situ with a switchable surfactant. <i>Soft Matter</i> , 2014 , 10, 9739-45	3.6	49
118	Temperature Insensitive Microemulsions. <i>Langmuir</i> , 1997 , 13, 7030-7038	4	49
117	Light and Magnetic Dual-Responsive Pickering Emulsion Micro-Reactors. <i>Langmuir</i> , 2017 , 33, 14139-14148		48

116	Responsive Aqueous Foams Stabilized by Silica Nanoparticles Hydrophobized in Situ with a Conventional Surfactant. <i>Langmuir</i> , 2015 , 31, 12937-43	4	47
115	Novel Oil-in-Water Emulsions Stabilised by Ionic Surfactant and Similarly Charged Nanoparticles at Very Low Concentrations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7738-7742	16.4	47
114	Surfactant Assembly within Pickering Emulsion Droplets for Fabrication of Interior-Structured Mesoporous Carbon Microspheres. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10899-10904	16.4	46
113	Inversion of Emulsions Stabilized Solely by Ionizable Nanoparticles. <i>Angewandte Chemie</i> , 2005 , 117, 445-448	3.6	45
112	Combinatorial microfluidic droplet engineering for biomimetic material synthesis. <i>Science Advances</i> , 2016 , 2, e1600567	14.3	44
111	Dry oil powders and oil foams stabilised by fluorinated clay platelet particles. <i>Soft Matter</i> , 2014 , 10, 578-80	3.6	44
110	Selective retardation of perfume oil evaporation from oil-in-water emulsions stabilized by either surfactant or nanoparticles. <i>Langmuir</i> , 2010 , 26, 18024-30	4	44
109	Particle stabilization of oil-in-water-in-air materials: powdered emulsions. <i>Advanced Materials</i> , 2012 , 24, 767-71	24	43
108	Mechanical Compression to Characterize the Robustness of Liquid Marbles. <i>Langmuir</i> , 2015 , 31, 11236-42	4	42
107	Pickering emulsion-enhanced interfacial biocatalysis: tailored alginate microparticles act as particulate emulsifier and enzyme carrier. <i>Green Chemistry</i> , 2019 , 21, 2229-2233	10	41
106	Particles at Oil-Air Surfaces: Powdered Oil, Liquid Oil Marbles, and Oil Foam. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14328-37	9.5	40
105	Capsules from Pickering emulsion templates. <i>Current Opinion in Colloid and Interface Science</i> , 2019 , 44, 107-129	7.6	40
104	Double oil-in-oil-in-oil emulsions stabilised solely by particles. <i>Journal of Colloid and Interface Science</i> , 2017 , 488, 127-134	9.3	40
103	Biphasic biocatalysis using a CO ₂ -switchable Pickering emulsion. <i>Green Chemistry</i> , 2019 , 21, 4062-4068	10	39
102	Surface-Active Hollow Titanosilicate Particles as a Pickering Interfacial Catalyst for Liquid-Phase Alkene Epoxidation Reactions. <i>Langmuir</i> , 2018 , 34, 302-310	4	37
101	Drop sizes and particle coverage in emulsions stabilised solely by silica nanoparticles of irregular shape. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11967-74	3.6	36
100	Inversion of dry water to aqueous foam on addition of surfactant. <i>Soft Matter</i> , 2010 , 6, 126-135	3.6	36
99	Sequestration of edible oil from emulsions using new single and double layered microcapsules from plant spores. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9767		35

98	Sporopollenin capsules at fluid interfaces: particle-stabilised emulsions and liquid marbles. <i>Soft Matter</i> , 2011 , 7, 4017	3.6	35
97	Evaporation of Drops Containing Silica Nanoparticles of Varying Hydrophobicities: Exploiting Particle-Particle Interactions for Additive-Free Tunable Deposit Morphology. <i>Langmuir</i> , 2017 , 33, 5025-5036	4.36	33
96	Polymer-Protein Conjugate Particles with Biocatalytic Activity for Stabilization of Water-in-Water Emulsions. <i>ACS Macro Letters</i> , 2017 , 6, 679-683	6.6	33
95	Dispersion behavior and aqueous foams in mixtures of a vesicle-forming surfactant and edible nanoparticles. <i>Langmuir</i> , 2015 , 31, 2967-78	4	33
94	Inducing drop to bubble transformation via resonance in ultrasound. <i>Nature Communications</i> , 2018 , 9, 3546	17.4	32
93	Cloud Points, solubilisation and interfacial tensions in systems containing nonionic surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 48, 161-171	3.5	31
92	CO ₂ /N ₂ triggered switchable Pickering emulsions stabilized by alumina nanoparticles in combination with a conventional anionic surfactant. <i>RSC Advances</i> , 2017 , 7, 29742-29751	3.7	30
91	Ultra-stable self-foaming oils. <i>Food Research International</i> , 2017 , 95, 28-37	7	28
90	Stabilisation of liquid-air surfaces by particles of low surface energy. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 9169-71	3.6	28
89	Particles adsorbed at various non-aqueous liquid-liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2017 , 247, 208-222	14.3	27
88	Particle-Stabilized Powdered Water-in-Oil Emulsions. <i>Langmuir</i> , 2016 , 32, 3110-5	4	27
87	Compositional ripening of particle- and surfactant-stabilised emulsions: a comparison. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2219-26	3.6	27
86	Catalysis in Pickering emulsions. <i>Soft Matter</i> , 2020 , 16, 10221-10243	3.6	27
85	Switchable Oil-in-Water Emulsions Stabilized by Like-Charged Surfactants and Particles at Very Low Concentrations. <i>Langmuir</i> , 2019 , 35, 4058-4067	4	27
84	Converting Metal-Organic Framework Particles from Hydrophilic to Hydrophobic by an Interfacial Assembling Route. <i>Langmuir</i> , 2017 , 33, 12427-12433	4	26
83	Modeling the Interfacial Energy of Surfactant-Free Amphiphilic Janus Nanoparticles from Phase Inversion in Pickering Emulsions. <i>Langmuir</i> , 2018 , 34, 1225-1233	4	25
82	Tunable shape transformation of freezing liquid water marbles. <i>Soft Matter</i> , 2014 , 10, 1309-14	3.6	25
81	Pickering emulsions stabilized by coloured organic pigment particles. <i>Chemical Science</i> , 2017 , 8, 708-723	9.4	25

80	Influence of propylene glycol on aqueous silica dispersions and particle-stabilized emulsions. <i>Langmuir</i> , 2013 , 29, 5723-33	4	25
79	Novel Oil-in-Water Emulsions Stabilised by Ionic Surfactant and Similarly Charged Nanoparticles at Very Low Concentrations. <i>Angewandte Chemie</i> , 2018 , 130, 7864-7868	3.6	23
78	High-Internal-Phase Pickering Emulsions Stabilized Solely by Peanut-Protein-Isolate Microgel Particles with Multiple Potential Applications. <i>Angewandte Chemie</i> , 2018 , 130, 9418-9422	3.6	23
77	Self-Propulsion of Water-Supported Liquid Marbles Filled with Sulfuric Acid. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 7936-7942	3.4	21
76	Emulsion stabilisation by complexes of oppositely charged synthetic polyelectrolytes. <i>Soft Matter</i> , 2018 , 14, 239-254	3.6	21
75	How polymer additives reduce the pour point of hydrocarbon solvents containing wax crystals. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 4107-17	3.6	20
74	Synthesis of macroporous silica from solid-stabilised emulsion templates. <i>Journal of Porous Materials</i> , 2009 , 16, 429-437	2.4	20
73	Formation of giant colloidosomes by transfer of pendant water drops coated with latex particles through an oil-water interface. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4223-4225	3.6	20
72	Controlled Actuation of Liquid Marbles on a Dielectric. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34822-34827	9.5	20
71	Multifunctional TiO ₂ -Based Particles: The Effect of Fluorination Degree and Liquid Surface Tension on Wetting Behavior. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 355-363	3.1	19
70	Responsive Photonic Liquid Marbles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19260-19267	16.4	19
69	Cellular ceramics from emulsified suspensions of mixed particles. <i>Journal of Porous Materials</i> , 2012 , 19, 859-867	2.4	18
68	Adsorption and Crystallization of Particles at the Air-Water Interface Induced by Minute Amounts of Surfactant. <i>Langmuir</i> , 2018 , 34, 15526-15536	4	18
67	Novel stabilisation of emulsions by soft particles: polyelectrolyte complexes. <i>Faraday Discussions</i> , 2016 , 191, 255-285	3.6	17
66	Superposition of Translational and Rotational Motions under Self-Propulsion of Liquid Marbles Filled with Aqueous Solutions of Camphor. <i>Langmuir</i> , 2017 , 33, 13234-13241	4	17
65	Particle-stabilized oil foams. <i>Advances in Colloid and Interface Science</i> , 2021 , 291, 102404	14.3	17
64	Manufacture and properties of composite liquid marbles. <i>Journal of Colloid and Interface Science</i> , 2020 , 575, 35-41	9.3	17
63	Evaporation of Sunscreen Films: How the UV Protection Properties Change. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13270-81	9.5	16

62	Electrocoalescence of liquid marbles driven by embedded electrodes for triggering bioreactions. <i>Lab on A Chip</i> , 2019 , 19, 3526-3534	7.2	15
61	Phase Inversion of Silica Particle-Stabilized Water-in-Water Emulsions. <i>Langmuir</i> , 2019 , 35, 4046-4057	4	15
60	Phase Inversion of Colored Pickering Emulsions Stabilized by Organic Pigment Particle Mixtures. <i>Langmuir</i> , 2018 , 34, 5040-5051	4	15
59	Particle film growth driven by foam bubble coalescence. <i>Chemical Communications</i> , 2006 , 3531-3	5.8	15
58	Microemulsions Stabilized by Ionic/Nonionic Surfactant Mixtures. Effect of Partitioning of the Nonionic Surfactant into the Oil. <i>Langmuir</i> , 1998 , 14, 5324-5326	4	15
57	Shape evolution and bubble formation of acoustically levitated drops. <i>Physical Review Fluids</i> , 2018 , 3,	2.8	15
56	Emulsions Stabilized with Polyelectrolyte Complexes Prepared from a Mixture of a Weak and a Strong Polyelectrolyte. <i>Langmuir</i> , 2019 , 35, 6693-6707	4	14
55	Widely Adaptable Oil-in-Water Gel Emulsions Stabilized by an Amphiphilic Hydrogelator Derived from Dehydroabiatic Acid. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 637-641	16.4	14
54	Tumor microenvironment-responsive, high internal phase Pickering emulsions stabilized by lignin/chitosan oligosaccharide particles for synergistic cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2021 , 591, 352-362	9.3	14
53	Evaporation of Particle-Stabilized Emulsion Sunscreen Films. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21201-13	9.5	14
52	Three-Dimensionally Printed Bioinspired Superhydrophobic Packings for Oil-in-Water Emulsion Separation. <i>Langmuir</i> , 2019 , 35, 12799-12806	4	13
51	Quantitative prediction of the reduction of corrosion inhibitor effectiveness due to parasitic adsorption onto a competitor surface. <i>Langmuir</i> , 2011 , 27, 469-73	4	13
50	Charge-Reversible Surfactant-Induced Transformation Between Oil-in-Dispersion Emulsions and Pickering Emulsions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11793-11798	16.4	13
49	3D printing of Pickering emulsion inks to construct poly(D,L-lactide-co-trimethylene carbonate)-based porous bioactive scaffolds with shape memory effect. <i>Journal of Materials Science</i> , 2021 , 56, 731-745	4.3	13
48	Foams of vegetable oils containing long-chain triglycerides. <i>Journal of Colloid and Interface Science</i> , 2021 , 583, 522-534	9.3	13
47	Surfactant Assembly within Pickering Emulsion Droplets for Fabrication of Interior-Structured Mesoporous Carbon Microspheres. <i>Angewandte Chemie</i> , 2018 , 130, 11065-11070	3.6	13
46	Solubilisation of water in alkanes using nonionic surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 54, 231-236	3.5	12
45	Effect of Particle Wettability and Particle Concentration on the Enzymatic Dehydration of n-Octanaloxime in Pickering Emulsions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1450-1457	16.4	12

44	Aqueous Foams in the Presence of Surfactant Crystals. <i>Langmuir</i> , 2020 , 36, 991-1002	4	11
43	Growing a particle-stabilized aqueous foam. <i>Journal of Colloid and Interface Science</i> , 2020 , 561, 127-135	9.3	11
42	Van der Waals Emulsions: Emulsions Stabilized by Surface-Inactive, Hydrophilic Particles via van der Waals Attraction. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9510-9514	16.4	11
41	Ultra-stable aqueous foams induced by interfacial co-assembly of highly hydrophobic particles and hydrophilic polymer. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 628-636	9.3	10
40	Pickering emulsions of alumina nanoparticles and bola-type selenium surfactant yield a fully recyclable aqueous phase. <i>Green Chemistry</i> , 2020 , 22, 5470-5475	10	10
39	Aqueous and Oil Foams Stabilized by Surfactant Crystals: New Concepts and Perspectives. <i>Langmuir</i> , 2021 , 37, 4411-4418	4	10
38	Behavior of Smart Surfactants in Stabilizing pH-Responsive Emulsions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5235-5239	16.4	9
37	Composite Liquid Marbles as a Macroscopic Model System Representing Shedding of Enveloped Viruses. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 4279-4285	6.4	8
36	Bidirectional Nanoparticle Crossing of Oil/Water Interfaces Induced by Different Stimuli: Insight into Phase Transfer. <i>Angewandte Chemie</i> , 2012 , 124, 9785-9789	3.6	8
35	Transition between a Pickering Emulsion and an Oil-in-Dispersion Emulsion Costabilized by Alumina Nanoparticles and a Cationic Surfactant. <i>Langmuir</i> , 2020 , 36, 15543-15551	4	8
34	Highly stable and thermo-responsive gel foams by synergistically combining glycyrrhizic acid nanofibrils and cellulose nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2021 , 587, 797-809	9.3	8
33	Highly Selective Catalysis at the Liquid/Liquid Interface Microregion. <i>ACS Catalysis</i> , 2021 , 11, 1485-1494	13.1	8
32	Liquid marbles as microreactors for qualitative and quantitative inorganic analyses. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	7
31	Pickering Emulsions of Hydrophilic Silica Particles and Symmetrical Organic Electrolytes. <i>Langmuir</i> , 2020 , 36, 4619-4629	4	7
30	Heterogeneous Pd catalysts as emulsifiers in Pickering emulsions for integrated multistep synthesis in flow chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 648-658	2.5	7
29	Pickering emulsion droplet-based biomimetic microreactors for continuous flow cascade reactions.. <i>Nature Communications</i> , 2022 , 13, 475	17.4	6
28	Van der Waals Emulsions: Emulsions Stabilized by Surface-Inactive, Hydrophilic Particles via van der Waals Attraction. <i>Angewandte Chemie</i> , 2018 , 130, 9654-9658	3.6	6
27	Cherenkov-Like Surface Thermal Waves Emerging from Self-Propulsion of a Liquid Marble. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 695-699	3.4	5

26	Membrane permeation of testosterone from either solutions, particle dispersions, or particle-stabilized emulsions. <i>Langmuir</i> , 2012 , 28, 2510-22	4	5
25	Responsive Photonic Liquid Marbles. <i>Angewandte Chemie</i> , 2020 , 132, 19422-19429	3.6	5
24	Stability of Clay Particle-Coated Microbubbles in Alkanes against Dissolution Induced by Heating. <i>Langmuir</i> , 2017 , 33, 3809-3817	4	4
23	Spontaneous particle desorption and "Gorgon" drop formation from particle-armored oil drops upon cooling. <i>Soft Matter</i> , 2020 , 16, 2480-2496	3.6	4
22	Liquid Marble-Induced Dewetting. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 9345-9349	3.8	4
21	Charge-Reversible Surfactant-Induced Transformation Between Oil-in-Dispersion Emulsions and Pickering Emulsions. <i>Angewandte Chemie</i> , 2021 , 133, 11899-11904	3.6	4
20	Fabrication of Hierarchical Macroporous ZIF-8 Monoliths Using High Internal Phase Pickering Emulsion Templates. <i>Langmuir</i> , 2021 , 37, 8435-8444	4	4
19	A novel strategy to fabricate stable oil foams with sucrose ester surfactant. <i>Journal of Colloid and Interface Science</i> , 2021 , 594, 204-216	9.3	4
18	Conversion of bile salts from inferior emulsifier to efficient smart emulsifier assisted by negatively charged nanoparticles at low concentrations. <i>Chemical Science</i> , 2021 , 12, 11845-11850	9.4	4
17	Lipase-Immobilized Cellulosic Capsules with Water Absorbency for Enhanced Pickering Interfacial Biocatalysis. <i>Langmuir</i> , 2021 , 37, 810-819	4	4
16	Widely Adaptable Oil-in-Water Gel Emulsions Stabilized by an Amphiphilic Hydrogelator Derived from Dehydroabiatic Acid. <i>Angewandte Chemie</i> , 2020 , 132, 647-651	3.6	3
15	How membrane permeation is affected by donor delivery solvent. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 15525-38	3.6	2
14	High internal phase Pickering emulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2022 , 57, 1015566	6.6	2
13	Multiple Pickering emulsions stabilized by organic pigment particles: properties and ion release. <i>Journal of Dispersion Science and Technology</i> , 2020 , 1-14	1.5	2
12	Light-Responsive, Reversible Emulsification and Demulsification of Oil-in-Water Pickering Emulsions for Catalysis. <i>Angewandte Chemie</i> , 2021 , 133, 3974-3979	3.6	2
11	Effect of Particle Wettability and Particle Concentration on the Enzymatic Dehydration of n-Octanaloxime in Pickering Emulsions. <i>Angewandte Chemie</i> , 2021 , 133, 1470-1477	3.6	2
10	Quantifying Surface Properties of Silica Particles by Combining Hansen Parameters and Reichardt's Dye Indicator Data. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1800328	3.1	2
9	Various crust morphologies of colloidal droplets dried on a super-hydrophobic surface. <i>Canadian Journal of Physics</i> , 2020 , 98, 1055-1059	1.1	1

8	Water-in-oil Pickering emulsions stabilized by edible surfactant crystals formed in situ. <i>Food Hydrocolloids</i> , 2021 , 107394	10.6	1
7	Effects of particle size on the electrocoalescence dynamics and arrested morphology of liquid marbles. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 1094-1104	9.3	1
6	Foaming honey: particle or molecular foaming agent?. <i>Journal of Dispersion Science and Technology</i> , 2020 , 1-11	1.5	1
5	Organic pigment particle-stabilized Pickering emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 613, 126044	5.1	1
4	High internal phase emulsions stabilized by adsorbed sucrose stearate molecules and dispersed vesicles. <i>Food Hydrocolloids</i> , 2021 , 121, 107002	10.6	1
3	Behavior of Smart Surfactants in Stabilizing pH-Responsive Emulsions. <i>Angewandte Chemie</i> , 2021 , 133, 5295-5299	3.6	0
2	Stabilisation of oleofoams by lauric acid and its glycerol esters.. <i>Food Chemistry</i> , 2022 , 386, 132776	8.5	0
1	Spectrophotometry of Thin Films of Light-Absorbing Particles. <i>Langmuir</i> , 2017 , 33, 3720-3730	4	