To Ngai

List of Publications by Year
in descending order

177 papers	6,927 citations	53794 45 h-index	82547 72 g-index
185 all docs	185 docs citations	185 times ranked	6582 citing authors

#	Article	IF	Citations
1	Novel emulsions stabilized by pH and temperature sensitive microgels. Chemical Communications, 2005, , 331.	4.1	324
2	Pickering emulsions: Versatility of colloidal particles and recent applications. Current Opinion in Colloid and Interface Science, 2020, 49, 1-15.	7.4	250
3	Gelatin Particle-Stabilized High Internal Phase Emulsions as Nutraceutical Containers. ACS Applied Materials & Interfaces, 2014, 6, 13977-13984.	8.0	227
4	High Internal Phase Emulsions Stabilized Solely by Microgel Particles. Angewandte Chemie - International Edition, 2009, 48, 8490-8493.	13.8	221
5	Environmental Responsiveness of Microgel Particles and Particle-Stabilized Emulsions. Macromolecules, 2006, 39, 8171-8177.	4.8	211
6	Nitrogen-Rich and Fire-Resistant Carbon Aerogels for the Removal of Oil Contaminants from Water. ACS Applied Materials & Interfaces, 2014, 6, 6351-6360.	8.0	178
7	Inversion of Particleâ€Stabilized Emulsions to Form Highâ€Internalâ€Phase Emulsions. Angewandte Chemie - International Edition, 2010, 49, 2163-2166.	13.8	129
8	Polysaccharide-based Pickering emulsions: Formation, stabilization and applications. Food Hydrocolloids, 2021, 119, 106812.	10.7	119
9	Gelatin Particle-Stabilized High-Internal Phase Emulsions for Use in Oral Delivery Systems: Protection Effect and in Vitro Digestion Study. Journal of Agricultural and Food Chemistry, 2017, 65, 900-907.	5.2	117
10	Pure Protein Scaffolds from Pickering High Internal Phase Emulsion Template. Macromolecular Rapid Communications, 2013, 34, 169-174.	3.9	114
11	Gelatin Effects on the Physicochemical and Hemocompatible Properties of Gelatin/PAAm/Laponite Nanocomposite Hydrogels. ACS Applied Materials & Interfaces, 2015, 7, 18732-18741.	8.0	109
12	One-Step Formation of W/O/W Multiple Emulsions Stabilized by Single Amphiphilic Block Copolymers. Langmuir, 2012, 28, 2332-2336.	3.5	101
13	Uniform chitosan-coated alginate particles as emulsifiers for preparation of stable Pickering emulsions with stimulus dependence. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 456, 246-252.	4.7	94
14	Poly(N-isopropylacrylamide) microgels at the oilâ€“water interface: adsorption kinetics. Soft Matter, 2013, 9, 9939.	2.7	92
15	Microgel particles at the fluidâ€“fluid interfaces. Nanoscale, 2013, 5, 1399.	5.6	92
16	The slow relaxation mode: from solutions to gel networks. Polymer Journal, 2010, 42, 609-625.	2.7	90
17	Dynamic Supramolecular Hydrogels: Regulating Hydrogel Properties through Self-Complementary Quadruple Hydrogen Bonds and Thermo-Switch. ACS Macro Letters, 2017, 6, 641-646.	4.8	90
18	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. Polymer Chemistry, 2016, 7, 5343-5346.	3.9	86

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19	Two Calorimetric Glass Transitions in Miscible Blends Containing Poly(ethylene oxide). Macromolecules, 2008, 41, 2502-2508.	4.8	84
20	Systematic studies of Pickering emulsions stabilized by uniform-sized PLGA particles: preparation and stabilization mechanism. Journal of Materials Chemistry B, 2014, 2, 7605-7611.	5.8	80
21	Inverse Pickering Emulsion Stabilized by Binary Particles with Contrasting Characteristics and Functionality for Interfacial Biocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 4989-4997.	8.0	79
22	Protein-Based Pickering High Internal Phase Emulsions as Nutraceutical Vehicles of and the Template for Advanced Materials: A Perspective Paper. Journal of Agricultural and Food Chemistry, 2019, 67, 9719-9726.	5.2	74
23	Fortification of edible films with bioactive agents: a review of their formation, properties, and application in food preservation. Critical Reviews in Food Science and Nutrition, 2022, 62, 5029-5055.	10.3	73
24	Hybrid fracture fixation systems developed for orthopaedic applications: A general review. Journal of Orthopaedic Translation, 2019, 16, 1-13.	3.9	72
25	Hierarchical Porous Protein Scaffold Templated from High Internal Phase Emulsion Costabilized by Gelatin and Gelatin Nanoparticles. Langmuir, 2018, 34, 4820-4829.	3.5	70
26	Porous TiO₂ Materials through Pickering High-Internal Phase Emulsion Templating. Langmuir, 2014, 30, 2676-2683.	3.5	67
27	Silicaâ€Based Liquid Marbles as Microreactors for the Silver Mirror Reaction. Angewandte Chemie - International Edition, 2015, 54, 7012-7017.	13.8	67
28	Emulsion-Templated Liquid Coreâ^'Polymer Shell Microcapsule Formation. Langmuir, 2009, 25, 2572-2574.	3.5	62
29	Dielectric relaxations of poly(N-isopropylacrylamide) microgels near the volume phase transition temperature: impact of cross-linking density distribution on the volume phase transition. Soft Matter, 2014, 10, 8711-8723.	2.7	62
30	Hierarchical porous polymeric microspheres as efficient adsorbents and catalyst scaffolds. Chemical Communications, 2013, 49, 8761.	4.1	60
31	Controlling the Synthesis and Characterization of Micrometer-Sized PNIPAM Microgels with Tailored Morphologies. Langmuir, 2013, 29, 9581-9591.	3.5	59
32	Poly(N-isopropylacrylamide) microgels at the oilâ€“water interface: temperature effect. Soft Matter, 2014, 10, 6182-6191.	2.7	56
33	Fundamental Study of Emulsions Stabilized by Soft and Rigid Particles. Langmuir, 2015, 31, 6282-6288.	3.5	56
34	An innovative Mg/Ti hybrid fixation system developed for fracture fixation and healing enhancement at load-bearing skeletal site. Biomaterials, 2018, 180, 173-183.	11.4	55
35	A confocal microscopy study of micron-sized poly(N -isopropylacrylamide) microgel particles at the oilâ€“water interface and anisotopic flattening of highly swollen microgel. Journal of Colloid and Interface Science, 2016, 461, 409-418.	9.4	54
36	Hybrid nanodiamond quantum sensors enabled by volume phase transitions of hydrogels. Nature Communications, 2018, 9, 3188.	12.8	54

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37	Edible high internal phase Pickering emulsion with double-emulsion morphology. Food Hydrocolloids, 2021, 111, 106405.	10.7	53
38	Tunable Pickering Emulsions with Environmentally Responsive Hairy Silica Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 32250-32258.	8.0	52
39	Development of a novel biodegradable and anti-bacterial polyurethane coating for biomedical magnesium rods. Materials Science and Engineering C, 2019, 99, 344-356.	7.3	52
40	Microgel Particles at Interfaces: Phenomena, Principles, and Opportunities in Food Sciences. Langmuir, 2019, 35, 4205-4217.	3.5	52
41	Tailoring the properties of double-crosslinked emulsion gels using structural design principles: Physical characteristics, stability, and delivery of lycopene. Biomaterials, 2022, 280, 121265.	11.4	52
42	An Injectable Hydrogel with Excellent Selfâ€Healing Property Based on Quadruple Hydrogen Bonding. Macromolecular Chemistry and Physics, 2016, 217, 2172-2181.	2.2	48
43	Development of pH-responsive emulsions stabilized by whey protein fibrils. Food Hydrocolloids, 2022, 122, 107067.	10.7	48
44	Microgel particles: The structureâ€property relationships and their biomedical applications. Journal of Polymer Science Part A, 2013, 51, 2995-3003.	2.3	47
45	Allâ€Silica Submicrometer Colloidosomes for Cargo Protection and Tunable Release. Angewandte Chemie - International Edition, 2018, 57, 11662-11666.	13.8	47
46	Advances in Pickering emulsions stabilized by protein particles: Toward particle fabrication, interaction and arrangement. Food Research International, 2022, 157, 111380.	6.2	47
47	Stimuli-responsive gel emulsions stabilized by microgel particles. Colloid and Polymer Science, 2011, 289, 489-496.	2.1	46
48	Polyurethane-based nanoparticles as stabilizers for oil-in-water or water-in-oil Pickering emulsions. Journal of Materials Chemistry A, 2013, 1, 5353.	10.3	46
49	Macroporous Polymer from Coreâ^'Shell Particle-Stabilized Pickering Emulsions. Langmuir, 2010, 26, 5088-5092.	3.5	43
50	Effect of Cross-Linking on Dynamics of Semidilute Copolymer Solutions:Â Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (me	4.8	41
51	Sodium caseinate as a particulate emulsifier for making indefinitely recycled pH-responsive emulsions. Chemical Science, 2020, 11, 3797-3803.	7.4	41
52	A Highly Sensitive Glucose Biosensor Based on Gold Nanoparticles/Bovine Serum Albumin/Fe3O4 Biocomposite Nanoparticles. Electrochimica Acta, 2016, 222, 1709-1715.	5.2	40
53	Plasmonic Goldâ^'Superparamagnetic Hematite Heterostructures. Langmuir, 2011, 27, 5071-5075.	3.5	38
54	Interconnected macroporous 3D scaffolds templated from gelatin nanoparticle-stabilized high internal phase emulsions for biomedical applications. Soft Matter, 2017, 13, 3871-3878.	2.7	38

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55	Naphthalimideâ€Based Aggregationâ€Induced Emissive Polymeric Hydrogels for Fluorescent Pattern Switch and Biomimetic Actuators. Macromolecular Rapid Communications, 2020, 41, e2000123.	3.9	37
56	Direct measurement of the nanobubble-induced weak depletion attraction between a spherical particle and a flat surface in an aqueous solution. Soft Matter, 2008, 4, 968.	2.7	36
57	Correlation between Dielectric/Electric Properties and Cross-Linking/Charge Density Distributions of Thermally Sensitive Spherical PNIPAM Microgels. Macromolecules, 2012, 45, 6158-6167.	4.8	36
58	Fabrication of Tunable Janus Microspheres with Dual Anisotropy of Porosity and Magnetism. Langmuir, 2013, 29, 5138-5144.	3.5	36
59	Preparation of uniform-sized colloidosomes based on chitosan-coated alginate particles and its application for oral insulin delivery. Journal of Materials Chemistry B, 2014, 2, 7403-7409.	5.8	36
60	Ultra-stable Pickering emulsion stabilized by a natural particle bilayer. Chemical Communications, 2020, 56, 14011-14014.	4.1	36
61	Controlled production of polymer microspheres from microgel-stabilized high internal phase emulsions. Chemical Communications, 2011, 47, 331-333.	4.1	35
62	Hydrophobized nanocomposite hydrogel microspheres as particulate stabilizers for water-in-oil emulsions. Chemical Communications, 2019, 55, 5990-5993.	4.1	34
63	Polymer coatings on magnesiumâ€based implants for orthopedic applications. Journal of Polymer Science, 2022, 60, 32-51.	3.8	34
64	Synthesis, Characterization, Biodegradation, and in Vitro Photodynamic Activities of Silicon(IV) Phthalocyanines Conjugated Axially with Poly(Îµ-caprolactone). Macromolecules, 2003, 36, 7527-7533.	4.8	33
65	Folding of Long Multiblock Copolymer (PI-b-PS-b-PI)nChains Prepared by the Self-Assembly Assisted Polypolymerization (SAAP) in Cyclohexane. Macromolecules, 2008, 41, 2219-2227.	4.8	33
66	Novel phthalocyanine and PEG-methacrylates based temperature-responsive polymers for targeted photodynamic therapy. Polymer Chemistry, 2013, 4, 782-788.	3.9	33
67	Direct measurements of particleâ€“surface interactions in aqueous solutions with total internal reflection microscopy. Chemical Communications, 2014, 50, 6556-6570.	4.1	33
68	Investigation of the stability in Pickering emulsions preparation with commercial cosmetic ingredients. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125082.	4.7	33
69	Dopamine Polymerization in Liquid Marbles: A General Route to Janus Particle Synthesis. Langmuir, 2016, 32, 3122-3129.	3.5	32
70	Origins of the Speckles and Slow Dynamics of Polymer Gels. Journal of Physical Chemistry B, 2004, 108, 5532-5540.	2.6	31
71	Depletion versus stabilization induced by polymers and nanoparticles: The state of the art. Current Opinion in Colloid and Interface Science, 2015, 20, 54-59.	7.4	31
72	Ultra-stable aqueous foams induced by interfacial co-assembly of highly hydrophobic particles and hydrophilic polymer. Journal of Colloid and Interface Science, 2020, 579, 628-636.	9.4	31

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73	Growth of Au nanoparticles on phosphorylated zein protein particles for use as biomimetic catalysts for cascade reactions at the oilâ€“water interface. Chemical Science, 2021, 12, 3885-3889.	7.4	31
74	Dual templating synthesis of hierarchical porous silica materials with three orders of length scale. Chemical Communications, 2010, 46, 8767.	4.1	30
75	Hollow magnetic Janus microspheres templated from double Pickering emulsions. RSC Advances, 2012, 2, 5510.	3.6	30
76	Influence of Charged Groups on the Structure of Microgel and Volume Phase Transition by Dielectric Analysis. Macromolecules, 2016, 49, 7997-8008.	4.8	30
77	Diffusion and Binding of Laponite Clay Nanoparticles into Collagen Fibers for the Formation of Leather Matrix. Langmuir, 2018, 34, 7379-7385.	3.5	30
78	Submicron Inverse Pickering Emulsions for Highly Efficient and Recyclable Enzymatic Catalysis. Chemistry - an Asian Journal, 2018, 13, 3533-3539.	3.3	30
79	Controlled synthesis of metal-organic frameworks coated with noble metal nanoparticles and conducting polymer for enhanced catalysis. Journal of Colloid and Interface Science, 2019, 537, 262-268.	9.4	30
80	A Smart Route for Encapsulating Pd Nanoparticles into a ZIF-8 Hollow Microsphere and Their Superior Catalytic Properties. Langmuir, 2020, 36, 2037-2043.	3.5	30
81	pH-Responsive Pickering high internal phase emulsions stabilized by Waterborne polyurethane. Journal of Colloid and Interface Science, 2022, 610, 994-1004.	9.4	30
82	Double Roles of Stabilization and Destabilization of Initiator Potassium Persulfate in Surfactant-Free Emulsion Polymerization of Styrene under Microwave Irradiationâ€. Langmuir, 2005, 21, 8520-8525.	3.5	29
83	Preparation of Uniform Particle-Stabilized Emulsions Using SPG Membrane Emulsification. Langmuir, 2014, 30, 7052-7056.	3.5	29
84	pH-Sensitive W/O Pickering High Internal Phase Emulsions and W/O/W High Internal Water-Phase Double Emulsions with Tailored Microstructures Costabilized by Lecithin and Silica Inorganic Particles. Langmuir, 2021, 37, 2843-2854.	3.5	29
85	Recent Advances in Chemically Modified Cellulose and Its Derivatives for Food Packaging Applications: A Review. Polymers, 2022, 14, 1533.	4.5	29
86	Transient Absorption and Fluorescence Studies of Disstacking Phthalocyanine by Poly(ethylene oxide). Macromolecules, 2002, 35, 3681-3685.	4.8	28
87	Effects of Temperature and Swelling on Chain Dynamics during the Solâ^'Gel Transition. Macromolecules, 2004, 37, 987-993.	4.8	28
88	Sonochemical effects on formation and emulsifying properties of zein-gum Arabic complexes. Food Hydrocolloids, 2021, 114, 106557.	10.7	28
89	Disstacking of Phthalocyanine in Water by Poly(ethylene Oxide). Langmuir, 2001, 17, 1381-1383.	3.5	27
90	Surface interaction forces mediated by poly(N-isopropylacrylamide) (PNIPAM) polymers: effects of concentration and temperature. Colloid and Polymer Science, 2010, 288, 1167-1172.	2.1	27

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91	All-natural oil-in-water high internal phase Pickering emulsions featuring interfacial bilayer stabilization. Journal of Colloid and Interface Science, 2022, 607, 1491-1499.	9.4	27
92	Investigation of cell behaviors on thermo-responsive PNIPAM microgel films. Colloids and Surfaces B: Biointerfaces, 2015, 132, 202-207.	5.0	26
93	Silicaâ€Based Liquid Marbles as Microreactors for the Silver Mirror Reaction. Angewandte Chemie, 2015, 127, 7118-7123.	2.0	25
94	Tailor-made microgel particles: Synthesis and characterization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 489, 122-127.	4.7	25
95	Stabilization of Colloidal Suspensions: Competing Effects of Nanoparticle Halos and Depletion Mechanism. Langmuir, 2012, 28, 16022-16028.	3.5	24
96	Probing Solâ€“Gel Matrices and Dynamics of Star PEG Hydrogels Near Overlap Concentration. Macromolecules, 2019, 52, 8956-8966.	4.8	24
97	Pickering emulsions stabilized by aminated gelatin nanoparticles: Are gelatin nanoparticles acting as genuine Pickering stabilizers or structuring agents?. Food Hydrocolloids, 2022, 123, 107151.	10.7	24
98	pH Induced DNA Folding at Interface. Journal of Physical Chemistry B, 2010, 114, 775-779.	2.6	23
99	Preparation of Responsive Micrometerâ€Sized Microgel Particles with a Highly Functionalized Shell. Macromolecular Rapid Communications, 2012, 33, 419-425.	3.9	23
100	pH-Controllable Depletion Attraction Induced by Microgel Particles. Macromolecules, 2009, 42, 7271-7274.	4.8	22
101	Influence of asymmetric ratio of amphiphilic diblock copolymers on one-step formation and stability of multiple emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 454, 16-22.	4.7	22
102	Pickering High Internal Phase Emulsions Templated Super-Hydrophobicâ€“Oleophilic Elastic Foams for Highly Efficient Oil/Water Separation. ACS Applied Polymer Materials, 2020, 2, 5664-5673.	4.4	22
103	Pickering Emulsions Simultaneously Stabilized by Starch Nanocrystals and Zein Nanoparticles: Fabrication, Characterization, and Application. Langmuir, 2021, 37, 8577-8584.	3.5	22
104	Engineering hybrid microgels as particulate emulsifiers for reversible Pickering emulsions. Chemical Science, 2021, 13, 39-43.	7.4	22
105	One-Step Formation of Double Emulsions Stabilized by PNIPAM-based Microgels: The Role of Co-monomer. Langmuir, 2021, 37, 1045-1053.	3.5	21
106	Interactions between Solid Surfaces with Preadsorbed Poly(ethylenimine) (PEI) Layers: Effect of Unadsorbed Free PEI Chains. Langmuir, 2013, 29, 5974-5981.	3.5	20
107	Charging and discharging of single colloidal particles at oil/water interfaces. Scientific Reports, 2014, 4, 4778.	3.3	20
108	Highly flexible polymer-carbon dot-ferric ion nanocomposite hydrogels displaying super stretchability, ultrahigh toughness, good self-recovery and shape memory performance. European Polymer Journal, 2017, 95, 482-490.	5.4	20

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109	Engineering proteinaceous colloidosomes as enzyme carriers for efficient and recyclable Pickering interfacial biocatalysis. Chemical Science, 2021, 12, 12463-12467.	7.4	20
110	Effects of Anions on the Aggregation of Charged Microgels. Journal of Physical Chemistry B, 2010, 114, 3799-3803.	2.6	19
111	Pickering emulsions stabilized by biocompatible particles: A review of preparation, bioapplication, and perspective. Particuology, 2022, 64, 110-120.	3.6	19
112	CO₂-responsive Pickering emulsions stabilized by soft protein particles for interfacial biocatalysis. Chemical Science, 2022, 13, 2884-2890.	7.4	19
113	Ion-induced hydrophobic collapse of surface-confined polyelectrolyte brushes measured by total internal reflection microscopy. Polymer Chemistry, 2012, 3, 2121.	3.9	18
114	Emulsions stabilized by pH-responsive PNIPAM-based microgels: Effect of spatial distribution of functional carboxylic groups on the emulsion stability. Journal of the Taiwan Institute of Chemical Engineers, 2018, 92, 97-105.	5.3	18
115	Comparing the Relative Interfacial Affinity of Soft Colloids With Different Crosslinking Densities in Pickering Emulsions. Frontiers in Chemistry, 2018, 6, 148.	3.6	18
116	Monomerization of Cationic Phthalocyanine in AOT Reversed Micellesâ€. Langmuir, 2001, 17, 7957-7959.	3.5	17
117	Biodegradable Poly(l-lactic acid) (PLLA) Coatings Fabricated from Nonsolvent Induced Phase Separation for Improving Corrosion Resistance of Magnesium Rods in Biological Fluids. Langmuir, 2018, 34, 10684-10693.	3.5	17
118	Poly(<scp>l</scp>-lactic acid) (PLLA) Coatings with Controllable Hierarchical Porous Structures on Magnesium Substrate: An Evaluation of Corrosion Behavior and Cytocompatibility. ACS Applied Bio Materials, 2019, 2, 3843-3853.	4.6	17
119	Synthesis and Self Assembling Properties of Rod-Like, 2-Ureido-4-pyrimidinone-Based Main Chain Supramolecular Dendronized Polymers. Macromolecules, 2010, 43, 8389-8399.	4.8	16
120	Depletion Attraction between a Polystyrene Particle and a Hydrophilic Surface in a Pluronic Aqueous Solution. Langmuir, 2008, 24, 13912-13917.	3.5	15
121	One-pot synthesis of monodisperse latex particles with single-cavity structure. RSC Advances, 2012, 2, 1322.	3.6	15
122	Interactions between Solid Surfaces Mediated by Polyethylene Oxide Polymers: Effect of Polymer Concentration. Langmuir, 2013, 29, 11038-11045.	3.5	14
123	Correlating the effect of co-monomer content with responsiveness and interfacial activity of soft particles with stability of corresponding smart emulsions. Journal of Colloid and Interface Science, 2019, 546, 293-302.	9.4	14
124	Poly(<scp>l</scp>-lactic acid) (PLLA)/MgSO₄·7H₂O Composite Coating on Magnesium Substrates for Corrosion Protection and Cytocompatibility Promotion. ACS Applied Bio Materials, 2020, 3, 1364-1373.	4.6	14
125	Facile synthesis of gold nanoparticle-coated polystyrene composite particles templated from Pickering emulsion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 494, 116-124.	4.7	13
126	Facile Preparation of a Fluorineâ€Free, Robust, Superhydrophobic Coating through Dip Coating Combined with Nonâ€Solvent Induced Phase Separation (Dipâ€Coatingâ€NIPS) Method. Macromolecular Chemistry and Physics, 2020, 221, 2000023.	2.2	13

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127	A facile and effective approach for the synthesis of fluorinated waterborne polyurethanes with good hydrophobicity and antifouling properties. Progress in Organic Coatings, 2021, 159, 106405.	3.9	13
128	Internal motions of linear chains and spherical microgels in dilute solution. Soft Matter, 2011, 7, 4111.	2.7	12
129	Investigating interactions between cationic particles and polyelectrolyte brushes with Total Internal Reflection Microscopy (TIRM). Polymer Chemistry, 2013, 4, 4356.	3.9	12
130	Reexamination of slow relaxation of polymer chains in solâ€“gel transition. Polymer, 2004, 45, 1739-1742.	3.8	11
131	Synthesis, characterization, and degradation of silicon(IV) phthalocyanines conjugated axially with poly(sebacic anhydride). Journal of Polymer Science Part A, 2005, 43, 837-843.	2.3	11
132	Colloidosomes formation by controlling the solvent extraction from particle-stabilized emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 592-596.	4.7	11
133	Robust and highly adaptable high internal phase gel emulsions stabilized solely by a natural saponin hydrogelator glycyrrhizic acid. Food and Function, 2022, 13, 280-289.	4.6	11
134	Self-Assembly Assisted Coupling of End Functional Block Copolymers. Macromolecules, 2003, 36, 7405-7408.	4.8	10
135	Synthesis of Organometallic Poly(dendrimer)s by Macromonomer Polymerization: Effect of Dendrimer Size and Structural Rigidity on the Polymerization Efficiency. Chemistry - A European Journal, 2009, 15, 2278-2288.	3.3	10
136	Direct measurement of weak depletion force between two surfaces. Chinese Journal of Polymer Science (English Edition), 2011, 29, 1-11.	3.8	10
137	Investigation of the factors affecting the carbohydrateâ€“lectin interaction by ITC and QCM-D. Colloid and Polymer Science, 2014, 292, 391-398.	2.1	10
138	Measurements of Long-Range Interactions between Protein-Functionalized Surfaces by Total Internal Reflection Microscopy. Langmuir, 2015, 31, 3101-3107.	3.5	10
139	Near-surface microrheology reveals dynamics and viscoelasticity of soft matter. Soft Matter, 2018, 14, 9764-9776.	2.7	10
140	Non-covalent reconfigurable microgel colloidosomes with a well-defined bilayer shell. Chemical Science, 2022, 13, 6205-6216.	7.4	10
141	Measuring the Surfaceâ€“Surface Interactions Induced by Serum Proteins in a Physiological Environment. Langmuir, 2016, 32, 12129-12136.	3.5	9
142	Measuring the Interactions between Protein-Coated Microspheres and Polymer Brushes in Aqueous Solutions. Langmuir, 2018, 34, 8798-8806.	3.5	9
143	Photo-Responsive Fluorosurfactant Enabled by Plasmonic Nanoparticles for Light-Driven Droplet Manipulation. ACS Applied Materials & Interfaces, 2021, 13, 21914-21923.	8.0	9
144	Tuning the Particleâ€“Surface Interactions in Aqueous Solutions by Soft Microgel Particles. Langmuir, 2014, 30, 13182-13190.	3.5	8

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145	Liquid Marbles Stabilized by Charged Polymer Latexes: How Does the Drying of the Latex Particles Affect the Properties of Liquid Marbles?. Langmuir, 2014, 30, 12503-12508.	3.5	8
146	Insertion and confinement of air bubbles inside a liquid marble. Soft Matter, 2016, 12, 542-545.	2.7	8
147	Self-Organization of Double-C₆₀ End-Capped Poly(ethylene oxide) in Chloronaphthalene and Benzene Solvent Mixtures. Langmuir, 2007, 23, 12067-12070.	3.5	7
148	An active one-particle microrheometer: Incorporating magnetic tweezers to total internal reflection microscopy. Review of Scientific Instruments, 2013, 84, 033702.	1.3	7
149	Long-range interactions between protein-coated particles and POEGMA brush layers in a serum environment. Colloids and Surfaces B: Biointerfaces, 2017, 150, 279-287.	5.0	7
150	Allâ€Silica Submicrometer Colloidosomes for Cargo Protection and Tunable Release. Angewandte Chemie, 2018, 130, 11836-11840.	2.0	7
151	A green and facile strategy for the fabrication of all-natural porous proteinaceous microspheres. Materials Chemistry Frontiers, 2021, 5, 3897-3902.	5.9	7
152	Oneâ€Step Preparation of Allâ€Natural Pickering Double Emulsions Stabilized by Oppositely Charged Biopolymer Particles. Advanced Materials Interfaces, 2021, 8, 2101568.	3.7	7
153	pH-dependent micellar properties of edible biosurfactant steviol glycosides and their oil-water interfacial interactions with soy proteins. Food Hydrocolloids, 2022, 126, 107476.	10.7	7
154	Investigation of the Contact Angle and Packing Density of Silica Nanoparticles at a Pickering Emulsion Interface Fixed by UV Polymerization. Langmuir, 2022, 38, 4234-4242.	3.5	7
155	Dynamic and structural scalings of the complexation betweenpDNA andbPEI in semidilute and low-salt solutions. Biopolymers, 2010, 93, NA-NA.	2.4	6
156	Hydrogen-Bonding-Induced Complexation of Polydimethylsiloxane-graft-poly(ethylene oxide) and Poly(acrylic acid)-block-polyacrylonitrile Micelles in Water. Langmuir, 2010, 26, 14502-14508.	3.5	6
157	Influence of an Additive-Free Particle Spreading Method on Interactions between Charged Colloidal Particles at an Oil/Water Interface. Langmuir, 2016, 32, 4909-4916.	3.5	6
158	Shear-Assisted Fabrication of Block Copolymer Agglomerates with Various Morphologies in Viscous Medium. Langmuir, 2017, 33, 2829-2836.	3.5	6
159	A portable, stable and precise laser differential refractometer. Review of Scientific Instruments, 2013, 84, 114103.	1.3	5
160	Synthesis of structured hollow microspheres with sandwich-like hybrid shell of RGO/Pd/m-SiO2 for highly efficient catalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 129-137.	4.7	5
161	Measurements of Particleâ€“Surface Interactions in Both Equilibrium and Nonequilibrium Systems. Langmuir, 2019, 35, 8910-8920.	3.5	4
162	Microrheology of thermoresponsive poly(N-isopropylacrylamide) microgel dispersions near a substrate surface. Journal of Colloid and Interface Science, 2021, 597, 104-113.	9.4	4

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163	A facile evanescent-field imaging approach for monitoring colloidal gel evolution near a surface. Soft Matter, 2021, 17, 4006-4010.	2.7	4
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