

To Ngai

List of Publications by Year in descending order

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177
papers

6,927
citations

61687

45
h-index

93651

72
g-index

185
all docs

185
docs citations

185
times ranked

7370
citing authors

#	ARTICLE	IF	CITATIONS
1	Fortification of edible films with bioactive agents: a review of their formation, properties, and application in food preservation. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5029-5055.	5.4	73
2	Pickering emulsions stabilized by biocompatible particles: A review of preparation, bioapplication, and perspective. <i>Particuology</i> , 2022, 64, 110-120.	2.0	19
3	All-natural oil-in-water high internal phase Pickering emulsions featuring interfacial bilayer stabilization. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1491-1499.	5.0	27
4	Development of pH-responsive emulsions stabilized by whey protein fibrils. <i>Food Hydrocolloids</i> , 2022, 122, 107067.	5.6	48
5	Pickering emulsions stabilized by aminated gelatin nanoparticles: Are gelatin nanoparticles acting as genuine Pickering stabilizers or structuring agents?. <i>Food Hydrocolloids</i> , 2022, 123, 107151.	5.6	24
6	Polymer coatings on magnesium-based implants for orthopedic applications. <i>Journal of Polymer Science</i> , 2022, 60, 32-51.	2.0	34
7	Tailoring the properties of double-crosslinked emulsion gels using structural design principles: Physical characteristics, stability, and delivery of lycopene. <i>Biomaterials</i> , 2022, 280, 121265.	5.7	52
8	pH-Responsive Pickering high internal phase emulsions stabilized by Waterborne polyurethane. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 994-1004.	5.0	30
9	Robust and highly adaptable high internal phase gel emulsions stabilized solely by a natural saponin hydrogelator glycyrrhizic acid. <i>Food and Function</i> , 2022, 13, 280-289.	2.1	11
10	pH-dependent micellar properties of edible biosurfactant steviol glycosides and their oil-water interfacial interactions with soy proteins. <i>Food Hydrocolloids</i> , 2022, 126, 107476.	5.6	7
11	CO ₂ -responsive Pickering emulsions stabilized by soft protein particles for interfacial biocatalysis. <i>Chemical Science</i> , 2022, 13, 2884-2890.	3.7	19
12	Investigation of the Contact Angle and Packing Density of Silica Nanoparticles at a Pickering Emulsion Interface Fixed by UV Polymerization. <i>Langmuir</i> , 2022, 38, 4234-4242.	1.6	7
13	Chitosan-coated phytyloglycogen for preparation of biocompatible Pickering emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 644, 128861.	2.3	3
14	Recent Advances in Chemically Modified Cellulose and Its Derivatives for Food Packaging Applications: A Review. <i>Polymers</i> , 2022, 14, 1533.	2.0	29
15	Non-covalent reconfigurable microgel colloidosomes with a well-defined bilayer shell. <i>Chemical Science</i> , 2022, 13, 6205-6216.	3.7	10
16	Nanocomposite Polymer Colloids Prepared via Emulsion Polymerization and Stabilized Using Polydopamine-Coated Silica Particles. <i>Langmuir</i> , 2022, 38, 5454-5463.	1.6	3
17	Water-in-oil high internal phase Pickering emulsions formed by spontaneous interfacial hydrolysis of monomer oil. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 476-486.	5.0	4
18	Advances in Pickering emulsions stabilized by protein particles: Toward particle fabrication, interaction and arrangement. <i>Food Research International</i> , 2022, 157, 111380.	2.9	47

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19	Multifunctional Silica-Modified Hybrid Microgels Templated from Inverse Pickering Emulsions. <i>Langmuir</i> , 2022, 38, 6571-6578.	1.6	2
20	Edible high internal phase Pickering emulsion with double-emulsion morphology. <i>Food Hydrocolloids</i> , 2021, 111, 106405.	5.6	53
21	Engineering proteinaceous colloidosomes as enzyme carriers for efficient and recyclable Pickering interfacial biocatalysis. <i>Chemical Science</i> , 2021, 12, 12463-12467.	3.7	20
22	Growth of Au nanoparticles on phosphorylated zein protein particles for use as biomimetic catalysts for cascade reactions at the oil-water interface. <i>Chemical Science</i> , 2021, 12, 3885-3889.	3.7	31
23	A green and facile strategy for the fabrication of all-natural porous proteinaceous microspheres. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3897-3902.	3.2	7
24	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. <i>Langmuir</i> , 2021, 37, 2843-2854.	1.6	29
25	Sonochemical effects on formation and emulsifying properties of zein-gum Arabic complexes. <i>Food Hydrocolloids</i> , 2021, 114, 106557.	5.6	28
26	Photo-Responsive Fluorosurfactant Enabled by Plasmonic Nanoparticles for Light-Driven Droplet Manipulation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21914-21923.	4.0	9
27	Pickering Emulsions Simultaneously Stabilized by Starch Nanocrystals and Zein Nanoparticles: Fabrication, Characterization, and Application. <i>Langmuir</i> , 2021, 37, 8577-8584.	1.6	22
28	Adaptive Morphology of Surface-Segregated Micelles Synthesized from Polymerization-Induced Self-Assembly Co-Mediated by a Binary Mixture of MacroRAFT Agents. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100128.	1.1	3
29	Microrheology of thermoresponsive poly(N-isopropylacrylamide) microgel dispersions near a substrate surface. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 104-113.	5.0	4
30	A facile and effective approach for the synthesis of fluorinated waterborne polyurethanes with good hydrophobicity and antifouling properties. <i>Progress in Organic Coatings</i> , 2021, 159, 106405.	1.9	13
31	Polysaccharide-based Pickering emulsions: Formation, stabilization and applications. <i>Food Hydrocolloids</i> , 2021, 119, 106812.	5.6	119
32	One-Step Formation of Double Emulsions Stabilized by PNIPAM-based Microgels: The Role of Co-monomer. <i>Langmuir</i> , 2021, 37, 1045-1053.	1.6	21
33	A facile evanescent-field imaging approach for monitoring colloidal gel evolution near a surface. <i>Soft Matter</i> , 2021, 17, 4006-4010.	1.2	4
34	Bioinspired Eggosomes with Dual Stimuli-Responsiveness. <i>ACS Applied Bio Materials</i> , 2021, 4, 7825-7835.	2.3	3
35	Engineering hybrid microgels as particulate emulsifiers for reversible Pickering emulsions. <i>Chemical Science</i> , 2021, 13, 39-43.	3.7	22
36	Measurements of interactions between fluorescent molecules and polyethylene glycol self-assembled monolayers. <i>Soft Matter</i> , 2021, 18, 236-243.	1.2	3

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37	One-Step Preparation of All-Natural Pickering Double Emulsions Stabilized by Oppositely Charged Biopolymer Particles. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101568.	1.9	7
38	One-Step Preparation of All-Natural Pickering Double Emulsions Stabilized by Oppositely Charged Biopolymer Particles (<i>Adv. Mater. Interfaces</i> 23/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, .	1.9	0
39	Inverse Pickering Emulsion Stabilized by Binary Particles with Contrasting Characteristics and Functionality for Interfacial Biocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4989-4997.	4.0	79
40	Anomalous Long-Range Attraction in Colloidal Binary Mixtures at Fluid-Fluid Interfaces. <i>Colloids and Interfaces</i> , 2020, 4, 36.	0.9	0
41	Ultra-stable Pickering emulsion stabilized by a natural particle bilayer. <i>Chemical Communications</i> , 2020, 56, 14011-14014.	2.2	36
42	A Smart Route for Encapsulating Pd Nanoparticles into a ZIF-8 Hollow Microsphere and Their Superior Catalytic Properties. <i>Langmuir</i> , 2020, 36, 2037-2043.	1.6	30
43	Green preparation of hydrogel particles-in-emulsions for simultaneous enhancement of humoral and cell-mediated immunity. <i>Engineering in Life Sciences</i> , 2020, 20, 514-524.	2.0	3
44	Pickering High Internal Phase Emulsions Templated Super-Hydrophobic-Oleophilic Elastic Foams for Highly Efficient Oil/Water Separation. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5664-5673.	2.0	22
45	Pickering emulsions: Versatility of colloidal particles and recent applications. <i>Current Opinion in Colloid and Interface Science</i> , 2020, 49, 1-15.	3.4	250
46	Naphthalimide-Based Aggregation-Induced Emissive Polymeric Hydrogels for Fluorescent Pattern Switch and Biomimetic Actuators. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000123.	2.0	37
47	Investigation of the stability in Pickering emulsions preparation with commercial cosmetic ingredients. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125082.	2.3	33
48	Sodium caseinate as a particulate emulsifier for making indefinitely recycled pH-responsive emulsions. <i>Chemical Science</i> , 2020, 11, 3797-3803.	3.7	41
49	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.	5.0	31
50	Facile Preparation of a Fluorine-Free, Robust, Superhydrophobic Coating through Dip Coating Combined with Non-Solvent Induced Phase Separation (Dip-Coating-NIPS) Method. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000023.	1.1	13
51	Poly(<i>l</i> -lactic acid) (PLLA)/MgSO ₄ ·7H ₂ O Composite Coating on Magnesium Substrates for Corrosion Protection and Cytocompatibility Promotion. <i>ACS Applied Bio Materials</i> , 2020, 3, 1364-1373.	2.3	14
52	Hybrid fracture fixation systems developed for orthopaedic applications: A general review. <i>Journal of Orthopaedic Translation</i> , 2019, 16, 1-13.	1.9	72
53	Protein-Based Pickering High Internal Phase Emulsions as Nutraceutical Vehicles of and the Template for Advanced Materials: A Perspective Paper. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9719-9726.	2.4	74
54	Poly(<i>l</i> -lactic acid) (PLLA) Coatings with Controllable Hierarchical Porous Structures on Magnesium Substrate: An Evaluation of Corrosion Behavior and Cytocompatibility. <i>ACS Applied Bio Materials</i> , 2019, 2, 3843-3853.	2.3	17

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55	Development of a novel biodegradable and anti-bacterial polyurethane coating for biomedical magnesium rods. <i>Materials Science and Engineering C</i> , 2019, 99, 344-356.	3.8	52
56	Measurements of Particle-Surface Interactions in Both Equilibrium and Nonequilibrium Systems. <i>Langmuir</i> , 2019, 35, 8910-8920.	1.6	4
57	Synthesis of structured hollow microspheres with sandwich-like hybrid shell of RGO/Pd/m-SiO ₂ for highly efficient catalysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 129-137.	2.3	5
58	Hydrophobized nanocomposite hydrogel microspheres as particulate stabilizers for water-in-oil emulsions. <i>Chemical Communications</i> , 2019, 55, 5990-5993.	2.2	34
59	Correlating the effect of co-monomer content with responsiveness and interfacial activity of soft particles with stability of corresponding smart emulsions. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 293-302.	5.0	14
60	Microgel Particles at Interfaces: Phenomena, Principles, and Opportunities in Food Sciences. <i>Langmuir</i> , 2019, 35, 4205-4217.	1.6	52
61	Probing Sol-Gel Matrices and Dynamics of Star PEG Hydrogels Near Overlap Concentration. <i>Macromolecules</i> , 2019, 52, 8956-8966.	2.2	24
62	Controlled synthesis of metal-organic frameworks coated with noble metal nanoparticles and conducting polymer for enhanced catalysis. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 262-268.	5.0	30
63	Emulsions stabilized by pH-responsive PNIPAM-based microgels: Effect of spatial distribution of functional carboxylic groups on the emulsion stability. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 92, 97-105.	2.7	18
64	Hierarchical Porous Protein Scaffold Templated from High Internal Phase Emulsion Costabilized by Gelatin and Gelatin Nanoparticles. <i>Langmuir</i> , 2018, 34, 4820-4829.	1.6	70
65	Near-surface microrheology reveals dynamics and viscoelasticity of soft matter. <i>Soft Matter</i> , 2018, 14, 9764-9776.	1.2	10
66	Diffusion and Binding of Laponite Clay Nanoparticles into Collagen Fibers for the Formation of Leather Matrix. <i>Langmuir</i> , 2018, 34, 7379-7385.	1.6	30
67	Submicron Inverse Pickering Emulsions for Highly Efficient and Recyclable Enzymatic Catalysis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3533-3539.	1.7	30
68	Measuring the Interactions between Protein-Coated Microspheres and Polymer Brushes in Aqueous Solutions. <i>Langmuir</i> , 2018, 34, 8798-8806.	1.6	9
69	All-Silica Submicrometer Colloidosomes for Cargo Protection and Tunable Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11662-11666.	7.2	47
70	An innovative Mg/Ti hybrid fixation system developed for fracture fixation and healing enhancement at load-bearing skeletal site. <i>Biomaterials</i> , 2018, 180, 173-183.	5.7	55
71	All-Silica Submicrometer Colloidosomes for Cargo Protection and Tunable Release. <i>Angewandte Chemie</i> , 2018, 130, 11836-11840.	1.6	7
72	Comparing the Relative Interfacial Affinity of Soft Colloids With Different Crosslinking Densities in Pickering Emulsions. <i>Frontiers in Chemistry</i> , 2018, 6, 148.	1.8	18

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73	Hybrid nanodiamond quantum sensors enabled by volume phase transitions of hydrogels. <i>Nature Communications</i> , 2018, 9, 3188.	5.8	54
74	Biodegradable Poly(l-lactic acid) (PLLA) Coatings Fabricated from Nonsolvent Induced Phase Separation for Improving Corrosion Resistance of Magnesium Rods in Biological Fluids. <i>Langmuir</i> , 2018, 34, 10684-10693.	1.6	17
75	Gelatin Particle-Stabilized High-Internal Phase Emulsions for Use in Oral Delivery Systems: Protection Effect and in Vitro Digestion Study. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 900-907.	2.4	117
76	Shear-Assisted Fabrication of Block Copolymer Agglomerates with Various Morphologies in Viscous Medium. <i>Langmuir</i> , 2017, 33, 2829-2836.	1.6	6
77	Interconnected macroporous 3D scaffolds templated from gelatin nanoparticle-stabilized high internal phase emulsions for biomedical applications. <i>Soft Matter</i> , 2017, 13, 3871-3878.	1.2	38
78	Dynamic Supramolecular Hydrogels: Regulating Hydrogel Properties through Self-Complementary Quadruple Hydrogen Bonds and Thermo-Switch. <i>ACS Macro Letters</i> , 2017, 6, 641-646.	2.3	90
79	Highly flexible polymer-carbon dot-ferric ion nanocomposite hydrogels displaying super stretchability, ultrahigh toughness, good self-recovery and shape memory performance. <i>European Polymer Journal</i> , 2017, 95, 482-490.	2.6	20
80	Removing the effect of blooming from potential energy measurement by employing total internal reflection microscopy integrated with video microscopy. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 142-149.	5.0	3
81	Long-range interactions between protein-coated particles and POEGMA brush layers in a serum environment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 279-287.	2.5	7
82	A Highly Sensitive Glucose Biosensor Based on Gold Nanoparticles/Bovine Serum Albumin/Fe ₃ O ₄ Biocomposite Nanoparticles. <i>Electrochimica Acta</i> , 2016, 222, 1709-1715.	2.6	40
83	Influence of an Additive-Free Particle Spreading Method on Interactions between Charged Colloidal Particles at an Oil/Water Interface. <i>Langmuir</i> , 2016, 32, 4909-4916.	1.6	6
84	Influence of Charged Groups on the Structure of Microgel and Volume Phase Transition by Dielectric Analysis. <i>Macromolecules</i> , 2016, 49, 7997-8008.	2.2	30
85	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. <i>Polymer Chemistry</i> , 2016, 7, 5343-5346.	1.9	86
86	An Injectable Hydrogel with Excellent Self-Healing Property Based on Quadruple Hydrogen Bonding. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2172-2181.	1.1	48
87	Measuring the Surface-Surface Interactions Induced by Serum Proteins in a Physiological Environment. <i>Langmuir</i> , 2016, 32, 12129-12136.	1.6	9
88	Tunable Pickering Emulsions with Environmentally Responsive Hairy Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32250-32258.	4.0	52
89	Facile synthesis of gold nanoparticle-coated polystyrene composite particles templated from Pickering emulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 494, 116-124.	2.3	13
90	Dopamine Polymerization in Liquid Marbles: A General Route to Janus Particle Synthesis. <i>Langmuir</i> , 2016, 32, 3122-3129.	1.6	32

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91	A confocal microscopy study of micron-sized poly(N -isopropylacrylamide) microgel particles at the oil/water interface and anisotropic flattening of highly swollen microgel. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 409-418.	5.0	54
92	Tailor-made microgel particles: Synthesis and characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 122-127.	2.3	25
93	Insertion and confinement of air bubbles inside a liquid marble. <i>Soft Matter</i> , 2016, 12, 542-545.	1.2	8
94	Silica-Based Liquid Marbles as Microreactors for the Silver Mirror Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7012-7017.	7.2	67
95	Measurements of Long-Range Interactions between Protein-Functionalized Surfaces by Total Internal Reflection Microscopy. <i>Langmuir</i> , 2015, 31, 3101-3107.	1.6	10
96	Fundamental Study of Emulsions Stabilized by Soft and Rigid Particles. <i>Langmuir</i> , 2015, 31, 6282-6288.	1.6	56
97	Investigation of cell behaviors on thermo-responsive PNIPAM microgel films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 202-207.	2.5	26
98	Gelatin Effects on the Physicochemical and Hemocompatible Properties of Gelatin/PAAm/Laponite Nanocomposite Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18732-18741.	4.0	109
99	Silica-Based Liquid Marbles as Microreactors for the Silver Mirror Reaction. <i>Angewandte Chemie</i> , 2015, 127, 7118-7123.	1.6	25
100	Depletion versus stabilization induced by polymers and nanoparticles: The state of the art. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 54-59.	3.4	31
101	CHAPTER 5. Emulsions Stabilized by Soft Microgel Particles. <i>RSC Soft Matter</i> , 2014, , 93-128.	0.2	1
102	Dielectric investigations on how Mg salt is dispersed in and released from polylactic acid. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 497-508.	2.0	2
103	Investigation of the factors affecting the carbohydrate-lectin interaction by ITC and QCM-D. <i>Colloid and Polymer Science</i> , 2014, 292, 391-398.	1.0	10
104	Influence of asymmetric ratio of amphiphilic diblock copolymers on one-step formation and stability of multiple emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 454, 16-22.	2.3	22
105	Tuning the Particle-Surface Interactions in Aqueous Solutions by Soft Microgel Particles. <i>Langmuir</i> , 2014, 30, 13182-13190.	1.6	8
106	Systematic studies of Pickering emulsions stabilized by uniform-sized PLGA particles: preparation and stabilization mechanism. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7605-7611.	2.9	80
107	Gelatin Particle-Stabilized High Internal Phase Emulsions as Nutraceutical Containers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13977-13984.	4.0	227
108	Poly(N-isopropylacrylamide) microgels at the oil/water interface: temperature effect. <i>Soft Matter</i> , 2014, 10, 6182-6191.	1.2	56

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109	Direct measurements of particle–surface interactions in aqueous solutions with total internal reflection microscopy. <i>Chemical Communications</i> , 2014, 50, 6556-6570.	2.2	33
110	Dielectric relaxations of poly(N-isopropylacrylamide) microgels near the volume phase transition temperature: impact of cross-linking density distribution on the volume phase transition. <i>Soft Matter</i> , 2014, 10, 8711-8723.	1.2	62
111	Liquid Marbles Stabilized by Charged Polymer Latexes: How Does the Drying of the Latex Particles Affect the Properties of Liquid Marbles?. <i>Langmuir</i> , 2014, 30, 12503-12508.	1.6	8
112	Preparation of uniform-sized colloidosomes based on chitosan-coated alginate particles and its application for oral insulin delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7403-7409.	2.9	36
113	Porous TiO ₂ Materials through Pickering High-Internal Phase Emulsion Templating. <i>Langmuir</i> , 2014, 30, 2676-2683.	1.6	67
114	Nitrogen-Rich and Fire-Resistant Carbon Aerogels for the Removal of Oil Contaminants from Water. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6351-6360.	4.0	178
115	Preparation of Uniform Particle-Stabilized Emulsions Using SPG Membrane Emulsification. <i>Langmuir</i> , 2014, 30, 7052-7056.	1.6	29
116	Uniform chitosan-coated alginate particles as emulsifiers for preparation of stable Pickering emulsions with stimulus dependence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 456, 246-252.	2.3	94
117	Charging and discharging of single colloidal particles at oil/water interfaces. <i>Scientific Reports</i> , 2014, 4, 4778.	1.6	20
118	Controlling the Synthesis and Characterization of Micrometer-Sized PNIPAM Microgels with Tailored Morphologies. <i>Langmuir</i> , 2013, 29, 9581-9591.	1.6	59
119	Polyurethane-based nanoparticles as stabilizers for oil-in-water or water-in-oil Pickering emulsions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5353.	5.2	46
120	Poly(N-isopropylacrylamide) microgels at the oil–water interface: adsorption kinetics. <i>Soft Matter</i> , 2013, 9, 9939.	1.2	92
121	Hierarchical porous polymeric microspheres as efficient adsorbents and catalyst scaffolds. <i>Chemical Communications</i> , 2013, 49, 8761.	2.2	60
122	Investigating interactions between cationic particles and polyelectrolyte brushes with Total Internal Reflection Microscopy (TIRM). <i>Polymer Chemistry</i> , 2013, 4, 4356.	1.9	12
123	Microgel particles at the fluid–fluid interfaces. <i>Nanoscale</i> , 2013, 5, 1399.	2.8	92
124	Pure Protein Scaffolds from Pickering High Internal Phase Emulsion Template. <i>Macromolecular Rapid Communications</i> , 2013, 34, 169-174.	2.0	114
125	Novel phthalocyanine and PEG-methacrylates based temperature-responsive polymers for targeted photodynamic therapy. <i>Polymer Chemistry</i> , 2013, 4, 782-788.	1.9	33
126	An active one-particle microrheometer: Incorporating magnetic tweezers to total internal reflection microscopy. <i>Review of Scientific Instruments</i> , 2013, 84, 033702.	0.6	7

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127	Fabrication of Tunable Janus Microspheres with Dual Anisotropy of Porosity and Magnetism. <i>Langmuir</i> , 2013, 29, 5138-5144.	1.6	36
128	Interactions between Solid Surfaces with Preadsorbed Poly(ethylenimine) (PEI) Layers: Effect of Unadsorbed Free PEI Chains. <i>Langmuir</i> , 2013, 29, 5974-5981.	1.6	20
129	Interactions between Solid Surfaces Mediated by Polyethylene Oxide Polymers: Effect of Polymer Concentration. <i>Langmuir</i> , 2013, 29, 11038-11045.	1.6	14
130	Microgel particles: The structureâ€”property relationships and their biomedical applications. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2995-3003.	2.5	47
131	A portable, stable and precise laser differential refractometer. <i>Review of Scientific Instruments</i> , 2013, 84, 114103.	0.6	5
132	Stabilization of Colloidal Suspensions: Competing Effects of Nanoparticle Halos and Depletion Mechanism. <i>Langmuir</i> , 2012, 28, 16022-16028.	1.6	24
133	Correlation between Dielectric/Electric Properties and Cross-Linking/Charge Density Distributions of Thermally Sensitive Spherical PNIPAM Microgels. <i>Macromolecules</i> , 2012, 45, 6158-6167.	2.2	36
134	Hollow magnetic Janus microspheres templated from double Pickering emulsions. <i>RSC Advances</i> , 2012, 2, 5510.	1.7	30
135	One-Step Formation of W/O/W Multiple Emulsions Stabilized by Single Amphiphilic Block Copolymers. <i>Langmuir</i> , 2012, 28, 2332-2336.	1.6	101
136	One-pot synthesis of monodisperse latex particles with single-cavity structure. <i>RSC Advances</i> , 2012, 2, 1322.	1.7	15
137	Ion-induced hydrophobic collapse of surface-confined polyelectrolyte brushes measured by total internal reflection microscopy. <i>Polymer Chemistry</i> , 2012, 3, 2121.	1.9	18
138	Preparation of Responsive Micrometerâ€”Sized Microgel Particles with a Highly Functionalized Shell. <i>Macromolecular Rapid Communications</i> , 2012, 33, 419-425.	2.0	23
139	Internal motions of linear chains and spherical microgels in dilute solution. <i>Soft Matter</i> , 2011, 7, 4111.	1.2	12
140	Controlled production of polymer microspheres from microgel-stabilized high internal phase emulsions. <i>Chemical Communications</i> , 2011, 47, 331-333.	2.2	35
141	Plasmonic Goldâ”Superparamagnetic Hematite Heterostructures. <i>Langmuir</i> , 2011, 27, 5071-5075.	1.6	38
142	Stimuli-responsive gel emulsions stabilized by microgel particles. <i>Colloid and Polymer Science</i> , 2011, 289, 489-496.	1.0	46
143	Direct measurement of weak depletion force between two surfaces. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 1-11.	2.0	10
144	Colloidosomes formation by controlling the solvent extraction from particle-stabilized emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 384, 592-596.	2.3	11

#	ARTICLE	IF	CITATIONS
145	Macroporous Polymer from Core-Shell Particle-Stabilized Pickering Emulsions. <i>Langmuir</i> , 2010, 26, 5088-5092.	1.6	43
146	Surface interaction forces mediated by poly(N-isopropylacrylamide) (PNIPAM) polymers: effects of concentration and temperature. <i>Colloid and Polymer Science</i> , 2010, 288, 1167-1172.	1.0	27
147	Inversion of Particle-Stabilized Emulsions to Form High-Internal-Phase Emulsions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2163-2166.	7.2	129
148	Dynamic and structural scalings of the complexation between pDNA and bPEI in semidilute and low-salt solutions. <i>Biopolymers</i> , 2010, 93, NA-NA.	1.2	6
149	The slow relaxation mode: from solutions to gel networks. <i>Polymer Journal</i> , 2010, 42, 609-625.	1.3	90
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157	Emulsion-Templated Liquid Core-Shell Polymer Shell Microcapsule Formation. <i>Langmuir</i> , 2009, 25, 2572-2574.	1.6	62
158	pH-Controllable Depletion Attraction Induced by Microgel Particles. <i>Macromolecules</i> , 2009, 42, 7271-7274.	2.2	22
159	Direct measurement of the nanobubble-induced weak depletion attraction between a spherical particle and a flat surface in an aqueous solution. <i>Soft Matter</i> , 2008, 4, 968.	1.2	36
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161	Depletion Attraction between a Polystyrene Particle and a Hydrophilic Surface in a Pluronic Aqueous Solution. <i>Langmuir</i> , 2008, 24, 13912-13917.	1.6	15
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164	Structure and Kinetics of Cluster Decomposition of Polystyrene Star Chains in Dilute Solutions. <i>Macromolecules</i> , 2007, 40, 6796-6798.	2.2	1
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166	Synthesis, characterization, and degradation of silicon(IV) phthalocyanines conjugated axially with poly(sebacic anhydride). <i>Journal of Polymer Science Part A</i> , 2005, 43, 837-843.	2.5	11
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