Yongliang Zhao

List of Publications by Year in Descending Order

29 papers	516 citations	15 h-index	22 g-index
29 ext. papers	584 ext. citations	6.4 avg, IF	3.95 L-index

#	Paper	IF	Citations
29	Facile and scalable synthesis of functional Janus nanosheets - A polyethoxysiloxane assisted surfactant-free high internal phase emulsion approach. *Journal of Colloid and Interface Science*, **2022**, 606, 1554-1562	9.3	3
28	Electrically conductive porous MXene-polymer composites with ultralow percolation threshold via Pickering high internal phase emulsion templating strategy.. *Journal of Colloid and Interface Science* , **2022**, 618, 290-299	9.3	1
27	Janus Nanoshards Prepared Based on High Internal Phase Emulsion Templates for Compatibilizing Immiscible Polymer Blends. *Macromolecules*, **2022**, 55, 338-348	5.5	2
26	Interaction of liposomes with silica nanocapsules: from lipid bilayer coating to multi-liposomal composites. *Mendeleev Communications*, **2021**, 31, 830-832	1.9	0
25	Inclusion of Hydrophobic Liquids in Silica Aerogel Microparticles in an Aqueous Process: Microencapsulation and Extra Pore Creation. *ACS Applied Materials & Interfaces*, **2021**, 13, 12230-12240	9.5	3
24	Highly stretchable porous composite hydrogels with stable conductivity for strain sensing. *Composites Science and Technology*, **2021**, 213, 108968	8.6	8
23	A Convenient and Versatile Strategy for the Functionalization of Silica Foams Using High Internal Phase Emulsion Templates as Microreactors. *ACS Applied Materials & Interfaces*, **2020**, 12, 14607-14619	9.5	12
22	One-pot synthesis of polymer-reinforced silica aerogels from high internal phase emulsion templates. *Journal of Colloid and Interface Science*, **2020**, 573, 62-70	9.3	15
21	Flexible, Strong, Multifunctional Graphene Oxide/Silica-Based Composite Aerogels via a Double-Cross-Linked Network Approach. *ACS Applied Materials & Interfaces*, **2020**, 12, 47854-47864	9.5	13
20	Facile synthesis of macroporous zwitterionic hydrogels templated from graphene oxide-stabilized aqueous foams. *Journal of Colloid and Interface Science*, **2019**, 553, 40-49	9.3	11
19	Formation of Monodisperse Core–Shell Nanoparticles via Polymerization in Emulsions Stabilized by Amphiphilic Silica Precursor Polymers: HLB Dictates the Reaction Mechanism and Particle Size. *Macromolecules*, **2019**, 52, 5670-5678	5.5	5
18	A simple and environment-friendly approach for synthesizing macroporous polymers from aqueous foams. *Journal of Colloid and Interface Science*, **2018**, 509, 209-218	9.3	20
17	Inclusion of Phase-Change Materials in Submicron Silica Capsules Using a Surfactant-Free Emulsion Approach. *Langmuir*, **2018**, 34, 10397-10406	4	17
16	Ultralight Silica Foams with a Hierarchical Pore Structure via a Surfactant-Free High Internal Phase Emulsion Process. *Langmuir*, **2018**, 34, 10381-10388	4	17
15	Hybrid nanostructured particles via surfactant-free double miniemulsion polymerization. *Nature Communications*, **2018**, 9, 1918	17.4	30
14	One-pot formation of monodisperse polymer@SiO2 core–shell nanoparticles via surfactant-free emulsion polymerization using an adaptive silica precursor polymer. *Polymer Chemistry*, **2017**, 8, 6263-6271	4.9	11
13	A Facile One-Step Approach toward Core–Shell Nanoparticles via a Surfactant-Free Miniemulsion Polymerization Technique. *Macromolecules*, **2016**, 49, 1552-1562	5.5	33

List of Publications

12	Preparation and characterization of poly(L-lactic acid)/hollow silica nanospheres nanocomposites. *Fibers and Polymers*, **2016**, 17, 2020-2026	2	3
11	Silica nanoparticles catalyse the formation of silica nanocapsules in a surfactant-free emulsion system. *Journal of Materials Chemistry A*, **2015**, 3, 24428-24436	13	17
10	Encapsulation of enzymes in silica nanocapsules formed by an amphiphilic precursor polymer in water. *Journal of Materials Chemistry B*, **2015**, 3, 1261-1267	7.3	23
9	Microencapsulation of hydrophobic liquids in closed all-silica colloidosomes. *Langmuir*, **2014**, 30, 4253-61	4	35
8	Encapsulation of laccase in silica colloidosomes for catalysis in organic media. *Langmuir*, **2013**, 29, 15457-62	4	52
7	Effect of initiation site location on morphology of polymer microspheres via pickering polymerization. *Journal of Polymer Science Part A*, **2012**, 50, 3537-3545	2.5	13
6	Preparation of polymer hollow microspheres covered by polymer solid particles via two polymerization steps. *Journal of Polymer Science Part A*, **2011**, 49, 5257-5269	2.5	16
5	Fabrication of Two Kinds of Polymer Microspheres Stabilized by Modified Titania during Pickering Emulsion Polymerization. *Macromolecular Chemistry and Physics*, **2010**, 211, 2517-2529	2.6	28
4	Phase behavior of polyetherimide/benzophenone/triethylene glycol ternary system and its application for the preparation of microporous membranes. *Journal of Membrane Science*, **2010**, 354, 101-107	9.6	13
3	Effect of an anionic monomer on the pickering emulsion polymerization stabilized by titania hydrosol. *Journal of Polymer Science Part A*, **2009**, 47, 5728-5736	2.5	35
2	Fabrication of polymer microspheres using titania as a photocatalyst and pickering stabilizer. *Langmuir*, **2009**, 25, 4443-9	4	56
1	Surface initiated graft polymerization from carbon-doped TiO2 nanoparticles under sunlight illumination. *Polymer*, **2007**, 48, 5834-5838	3.9	24