# Yongliang Zhao

## List of Publications by Citations



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|---|---|---|---|
| 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 | Fabrication of polymer microspheres using titania as a photocatalyst and pickering stabilizer. *Langmuir*, **2009**, 25, 4443-9 | 4 | 56 |
| 28 | Encapsulation of laccase in silica colloidosomes for catalysis in organic media. *Langmuir*, **2013**, 29, 15457-62 | 4 | 52 |
| 27 | Microencapsulation of hydrophobic liquids in closed all-silica colloidosomes. *Langmuir*, **2014**, 30, 4253-61 | 4 | 35 |
| 26 | 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 |
| 25 | A Facile One-Step Approach toward [email protected]2 Core–Shell Nanoparticles via a Surfactant-Free Miniemulsion Polymerization Technique. *Macromolecules*, **2016**, 49, 1552-1562 | 5.5 | 33 |
| 24 | Hybrid nanostructured particles via surfactant-free double miniemulsion polymerization. *Nature Communications*, **2018**, 9, 1918 | 17.4 | 30 |
| 23 | 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 |
| 22 | Surface initiated graft polymerization from carbon-doped TiO2 nanoparticles under sunlight illumination. *Polymer*, **2007**, 48, 5834-5838 | 3.9 | 24 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | Inclusion of Phase-Change Materials in Submicron Silica Capsules Using a Surfactant-Free Emulsion Approach. *Langmuir*, **2018**, 34, 10397-10406 | 4 | 17 |
| 17 | Ultralight Silica Foams with a Hierarchical Pore Structure via a Surfactant-Free High Internal Phase Emulsion Process. *Langmuir*, **2018**, 34, 10381-10388 | 4 | 17 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |

# List of Publications

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|---|---|---|---|
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | Highly stretchable porous composite hydrogels with stable conductivity for strain sensing. *Composites Science and Technology*, **2021**, 213, 108968 | 8.6 | 8 |
| 7 | Formation of Monodisperse [email protected] 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 |
| 6 | 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 |
| 5 | Preparation and characterization of poly(L-lactic acid)/hollow silica nanospheres nanocomposites. *Fibers and Polymers*, **2016**, 17, 2020-2026 | 2 | 3 |
| 4 | 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 |
| 3 | Janus Nanoshards Prepared Based on High Internal Phase Emulsion Templates for Compatibilizing Immiscible Polymer Blends. *Macromolecules*, **2022**, 55, 338-348 | 5.5 | 2 |
| 2 | 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 |
| 1 | Interaction of liposomes with silica nanocapsules: from lipid bilayer coating to multi-liposomal composites. *Mendeleev Communications*, **2021**, 31, 830-832 | 1.9 | 0 |