Hua Zou

List of Publications by Year
in descending order

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45 papers	3,167 citations	394286 19 h-index	243529 44 g-index
46 all docs	46 docs citations	46 times ranked	4591 citing authors

#	Article	IF	Citations
1	Revisiting the preparation of cylindrical polystyrene particles by magnetic stirring. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 638, 128308.	2.3	3
2	Synthetic Strategies for Polymer Particles with Surface Concavities. Macromolecular Rapid Communications, 2022, 43, e2200072.	2.0	7
3	An emulsion swelling route to surface-wrinkled polystyrene-silica colloidal nanocomposite particles. Polymer, 2022, 254, 125108.	1.8	1
4	Synthetic strategies for hollow particles with open holes on their surfaces. Materials Chemistry Frontiers, 2021, 5, 3765-3787.	3.2	14
5	Thermal properties of eutectic salts/ceramics/expanded graphite composite phase change materials for high-temperature thermal energy storage. Solar Energy Materials and Solar Cells, 2021, 225, 111047.	3.0	28
6	Poly(2-aminothiazole): An emerging functional polymer. Progress in Organic Coatings, 2021, 158, 106345.	1.9	0
7	Anticorrosion properties of poly(2-aminothiazole)-coated poly(n-butyl methacrylate) films for carbon steel. Progress in Organic Coatings, 2020, 139, 105482.	1.9	3
8	Fluorinated Nanosilica Size Effect on Hierarchical Structure and Superhydrophobic Properties of the Epoxy Nanocomposite Film. ACS Applied Polymer Materials, 2020, 2, 418-426.	2.0	12
9	One-step synthesis of golf ball-like thiol-functionalized silica particles. Soft Matter, 2020, 16, 9113-9120.	1.2	14
10	Synthetic strategies for raspberry-like polymer composite particles. Polymer Chemistry, 2020, 11, 3370-3392.	1.9	31
11	Removal of aqueous Hg(<scp>ii</scp>) by thiol-functionalized nonporous silica microspheres prepared by one-step solâ€“gel method. RSC Advances, 2020, 10, 18534-18542.	1.7	25
12	Deformation of raspberry-like polymer composite particles by colloidal fusion. Materials Advances, 2020, 1, 197-205.	2.6	7
13	Revisiting the synthesis of poly(2-aminothiazole) for removal of Hg(II) in aqueous solution. European Polymer Journal, 2020, 125, 109514.	2.6	5
14	Synthesis of Poly(2-aminothiazole)-Coated Polystyrene Particles and Their Excellent Hg(II) Adsorption Properties. Polymers, 2020, 12, 749.	2.0	4
15	Preparation of cylinder-like polystyrene-silica composite particles. Polymer, 2020, 211, 123094.	1.8	5
16	Surfactant-free emulsion copolymerization of styrene and a cationic comonomer with two positively charged groups. Colloid and Polymer Science, 2019, 297, 1133-1142.	1.0	4
17	Biodegradable atrial septal defect occluders: A current review. Acta Biomaterialia, 2019, 96, 68-80.	4.1	18
18	Poly(2-aminothiazole)-silica nanocomposite particles: Synthesis and morphology control. Applied Surface Science, 2018, 436, 1083-1092.	3.1	8

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19	A comparative study on inÂvitro degradation behavior of PLLA-based copolymer monofilaments. Polymer Degradation and Stability, 2018, 158, 148-156.	2.7	18
20	Preparation of Dimpled Polystyreneâ€“Silica Colloidal Nanocomposite Particles. Langmuir, 2018, 34, 14302-14308.	1.6	10
21	Cucurbit[8]urilâ€Based Polymers and Polymer Materials. Small, 2018, 14, e1802234.	5.2	49
22	Adsorption of Silica Nanoparticles onto Poly(N-vinylpyrrolidone)-Functionalized Polystyrene Latex. Langmuir, 2017, 33, 1471-1477.	1.6	24
23	Electrospun poly(2â€aminothiazole)/cellulose acetate fiber membrane for removing Hg(II) from water. Journal of Applied Polymer Science, 2017, 134, .	1.3	19
24	Adsorption study of a macro-RAFT agent onto SiO 2 -coated Gd 2 O 3 :Eu 3+ nanorods: Requirements and limitations. Applied Surface Science, 2017, 394, 519-527.	3.1	12
25	Chemical Oxidative Polymerization of 2-Aminothiazole in Aqueous Solution: Synthesis, Characterization and Kinetics Study. Polymers, 2016, 8, 407.	2.0	13
26	Synthesis of Poly(2-aminothiazole) for Selective Removal of Hg(II) in Aqueous Solutions. Industrial & Engineering Chemistry Research, 2016, 55, 4911-4918.	1.8	49
27	Chemical Synthesis and Characterization of Conducting Poly(2-Aminothiazole). Materials Science Forum, 2016, 867, 111-115.	0.3	1
28	Medicated Janus fibers fabricated using a Teflon-coated side-by-side spinneret. Colloids and Surfaces B: Biointerfaces, 2016, 138, 110-116.	2.5	106
29	Shapeâ€Memory Polyurethane Nanocomposites with Single Layer or Bilayer Oleic Acidâ€Coated Fe₃O₄ Nanoparticles. Macromolecular Materials and Engineering, 2015, 300, 885-892.	1.7	32
30	Simple synthesis of conducting poly(2-aminothiazole) with high molecular weight. Colloid and Polymer Science, 2015, 293, 2027-2034.	1.0	15
31	Electrospun acetaminophen-loaded cellulose acetate nanofibers fabricated using an epoxy-coated spinneret. E-Polymers, 2015, 15, 311-315.	1.3	8
32	Thermoresponsive PNIPAM/silica nanoparticles by direct photopolymerization in aqueous media. Journal of Polymer Science Part A, 2015, 53, 1260-1267.	2.5	22
33	Functional Iron Oxide Nanoparticles as Reversible Crosslinks for Magnetically Addressable Shapeâ€Memory Polymers. Macromolecular Chemistry and Physics, 2014, 215, 398-404.	1.1	26
34	Sodium silicate route to coat polymer particles with silica. Colloid and Polymer Science, 2014, 292, 1693-1700.	1.0	9
35	Efficient synthesis of poly(2-hydroxypropyl methacrylate)-silica colloidal nanocomposite particles via aqueous dispersion polymerization. Polymer Chemistry, 2012, 3, 172-181.	1.9	29
36	Study on thermoplastic polyurethane/montmorillonite nanocomposites. Polymer Composites, 2008, 29, 119-124.	2.3	12

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37	Study of nanocomposites prepared by melt blending TPU and montmorillonite. Polymer Composites, 2008, 29, 385-389.	2.3	20
38	Polymer/Silica Nanocomposites: Preparation, Characterization, Properties, and Applications. Chemical Reviews, 2008, 108, 3893-3957.	23.0	1,905
39	A Simple and Low-Cost Method for the Preparation of Monodisperse Hollow Silica Spheres. Journal of Physical Chemistry C, 2008, 112, 11623-11629.	1.5	75
40	Preparation of Silica-Coated Poly(styrene-co-4-vinylpyridine) Particles and Hollow Particles. Langmuir, 2008, 24, 10453-10461.	1.6	44
41	Sulfonated poly(phenylene oxide) membranes as promising materials for new proton exchange membranes. Polymers for Advanced Technologies, 2006, 17, 360-365.	1.6	59
42	Structure and properties of nanocomposites prepared by directly melt blending ethylene-co-vinylacetate and natural montmorillonite. Polymer Composites, 2006, 27, 529-532.	2.3	9
43	Polyethersulfone sulfonated by chlorosulfonic acid and its membrane characteristics. European Polymer Journal, 2005, 41, 1554-1560.	2.6	267
44	Development and characterization of homogeneous membranes prepared from sulfonated poly(phenylene oxide). Journal of Applied Polymer Science, 2005, 98, 1244-1250.	1.3	33
45	Sulfonation of Polyethersulfone by Chlorosulfonic Acid. Polymer Bulletin, 2005, 54, 21-28.	1.7	108