

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	Polymer/Silica Nanocomposites: Preparation, Characterization, Properties, and Applications. <i>Chemical Reviews</i> , 2008, 108, 3893-3957.	23.0	1,905
2	Polyethersulfone sulfonated by chlorosulfonic acid and its membrane characteristics. <i>European Polymer Journal</i> , 2005, 41, 1554-1560.	2.6	267
3	Sulfonation of Polyethersulfone by Chlorosulfonic Acid. <i>Polymer Bulletin</i> , 2005, 54, 21-28.	1.7	108
4	Medicated Janus fibers fabricated using a Teflon-coated side-by-side spinneret. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 138, 110-116.	2.5	106
5	A Simple and Low-Cost Method for the Preparation of Monodisperse Hollow Silica Spheres. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11623-11629.	1.5	75
6	Sulfonated poly(phenylene oxide) membranes as promising materials for new proton exchange membranes. <i>Polymers for Advanced Technologies</i> , 2006, 17, 360-365.	1.6	59
7	Synthesis of Poly(2-aminothiazole) for Selective Removal of Hg(II) in Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4911-4918.	1.8	49
8	Cucurbit[8]uril-Based Polymers and Polymer Materials. <i>Small</i> , 2018, 14, e1802234.	5.2	49
9	Preparation of Silica-Coated Poly(styrene- <i>co</i> -4-vinylpyridine) Particles and Hollow Particles. <i>Langmuir</i> , 2008, 24, 10453-10461.	1.6	44
10	Development and characterization of homogeneous membranes prepared from sulfonated poly(phenylene oxide). <i>Journal of Applied Polymer Science</i> , 2005, 98, 1244-1250.	1.3	33
11	Shape-Memory Polyurethane Nanocomposites with Single Layer or Bilayer Oleic Acid-Coated Fe ₃ O ₄ Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 885-892.	1.7	32
12	Synthetic strategies for raspberry-like polymer composite particles. <i>Polymer Chemistry</i> , 2020, 11, 3370-3392.	1.9	31
13	Efficient synthesis of poly(2-hydroxypropyl methacrylate)-silica colloidal nanocomposite particles <i>via</i> aqueous dispersion polymerization. <i>Polymer Chemistry</i> , 2012, 3, 172-181.	1.9	29
14	Thermal properties of eutectic salts/ceramics/expanded graphite composite phase change materials for high-temperature thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2021, 225, 111047.	3.0	28
15	Functional Iron Oxide Nanoparticles as Reversible Crosslinks for Magnetically Addressable Shape-Memory Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 398-404.	1.1	26
16	Removal of aqueous Hg(II) by thiol-functionalized nonporous silica microspheres prepared by one-step sol-gel method. <i>RSC Advances</i> , 2020, 10, 18534-18542.	1.7	25
17	Adsorption of Silica Nanoparticles onto Poly(N-vinylpyrrolidone)-Functionalized Polystyrene Latex. <i>Langmuir</i> , 2017, 33, 1471-1477.	1.6	24
18	Thermoresponsive PNIPAM/silica nanoparticles by direct photopolymerization in aqueous media. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1260-1267.	2.5	22

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19	Study of nanocomposites prepared by melt blending TPU and montmorillonite. <i>Polymer Composites</i> , 2008, 29, 385-389.	2.3	20
20	Electrospun poly(2-aminothiazole)/cellulose acetate fiber membrane for removing Hg(II) from water. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	19
21	A comparative study on in vitro degradation behavior of PLLA-based copolymer monofilaments. <i>Polymer Degradation and Stability</i> , 2018, 158, 148-156.	2.7	18
22	Biodegradable atrial septal defect occluders: A current review. <i>Acta Biomaterialia</i> , 2019, 96, 68-80.	4.1	18
23	Simple synthesis of conducting poly(2-aminothiazole) with high molecular weight. <i>Colloid and Polymer Science</i> , 2015, 293, 2027-2034.	1.0	15
24	One-step synthesis of golf ball-like thiol-functionalized silica particles. <i>Soft Matter</i> , 2020, 16, 9113-9120.	1.2	14
25	Synthetic strategies for hollow particles with open holes on their surfaces. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3765-3787.	3.2	14
26	Chemical Oxidative Polymerization of 2-Aminothiazole in Aqueous Solution: Synthesis, Characterization and Kinetics Study. <i>Polymers</i> , 2016, 8, 407.	2.0	13
27	Study on thermoplastic polyurethane/montmorillonite nanocomposites. <i>Polymer Composites</i> , 2008, 29, 119-124.	2.3	12
28	Adsorption study of a macro-RAFT agent onto SiO ₂ -coated Gd ₂ O ₃ :Eu ³⁺ nanorods: Requirements and limitations. <i>Applied Surface Science</i> , 2017, 394, 519-527.	3.1	12
29	Fluorinated Nanosilica Size Effect on Hierarchical Structure and Superhydrophobic Properties of the Epoxy Nanocomposite Film. <i>ACS Applied Polymer Materials</i> , 2020, 2, 418-426.	2.0	12
30	Preparation of Dimpled Polystyrene-Silica Colloidal Nanocomposite Particles. <i>Langmuir</i> , 2018, 34, 14302-14308.	1.6	10
31	Structure and properties of nanocomposites prepared by directly melt blending ethylene-co-vinylacetate and natural montmorillonite. <i>Polymer Composites</i> , 2006, 27, 529-532.	2.3	9
32	Sodium silicate route to coat polymer particles with silica. <i>Colloid and Polymer Science</i> , 2014, 292, 1693-1700.	1.0	9
33	Electrospun acetaminophen-loaded cellulose acetate nanofibers fabricated using an epoxy-coated spinneret. <i>E-Polymers</i> , 2015, 15, 311-315.	1.3	8
34	Poly(2-aminothiazole)-silica nanocomposite particles: Synthesis and morphology control. <i>Applied Surface Science</i> , 2018, 436, 1083-1092.	3.1	8
35	Deformation of raspberry-like polymer composite particles by colloidal fusion. <i>Materials Advances</i> , 2020, 1, 197-205.	2.6	7
36	Synthetic Strategies for Polymer Particles with Surface Concavities. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200072.	2.0	7

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37	Revisiting the synthesis of poly(2-aminothiazole) for removal of Hg(II) in aqueous solution. <i>European Polymer Journal</i> , 2020, 125, 109514.	2.6	5
38	Preparation of cylinder-like polystyrene-silica composite particles. <i>Polymer</i> , 2020, 211, 123094.	1.8	5
39	Surfactant-free emulsion copolymerization of styrene and a cationic comonomer with two positively charged groups. <i>Colloid and Polymer Science</i> , 2019, 297, 1133-1142.	1.0	4
40	Synthesis of Poly(2-aminothiazole)-Coated Polystyrene Particles and Their Excellent Hg(II) Adsorption Properties. <i>Polymers</i> , 2020, 12, 749.	2.0	4
41	Anticorrosion properties of poly(2-aminothiazole)-coated poly(n-butyl methacrylate) films for carbon steel. <i>Progress in Organic Coatings</i> , 2020, 139, 105482.	1.9	3
42	Revisiting the preparation of cylindrical polystyrene particles by magnetic stirring. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 638, 128308.	2.3	3
43	Chemical Synthesis and Characterization of Conducting Poly(2-Aminothiazole). <i>Materials Science Forum</i> , 2016, 867, 111-115.	0.3	1
44	An emulsion swelling route to surface-wrinkled polystyrene-silica colloidal nanocomposite particles. <i>Polymer</i> , 2022, 254, 125108.	1.8	1
45	Poly(2-aminothiazole): An emerging functional polymer. <i>Progress in Organic Coatings</i> , 2021, 158, 106345.	1.9	0