Huarong Liu

List of Publications by Year
in descending order

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89 papers	2,410 citations	185998 28 h-index	233125 45 g-index
90 all docs	90 docs citations	90 times ranked	3533 citing authors

#	Article	IF	Citations
1	Fluorineâ€free superhydrophobic meshes decorated with porous microspheres for highly efficient oilâ€“water separation. Journal of Applied Polymer Science, 2022, 139, .	1.3	1
2	Macroporous-mesoporous C-, S-, N-doped titania microspheres via the polyHIPE microspheres templates. Chinese Chemical Letters, 2021, 32, 1135-1138.	4.8	8
3	Fabrication of CdS/Pt/MIL-125 with Effective Spatial Separation for Improved Visible-Light Catalytic H₂ Evolution Using Î³-Ray Irradiation. ACS Sustainable Chemistry and Engineering, 2020, 8, 18196-18205.	3.2	19
4	Improving the electrical and mechanical performances of embedded capacitance materials by introducing tungsten disulfide nanoflakes into the dielectric layer. Journal of Materials Science: Materials in Electronics, 2020, 31, 7889-7897.	1.1	2
5	Preparation of highly interconnected porous polymer microbeadsviasuspension polymerization of high internal phase emulsions for fast removal of oil spillage from aqueous environments. RSC Advances, 2019, 9, 25730-25738.	1.7	17
6	Tumor Reoxygenation and Blood Perfusion Enhanced Photodynamic Therapy using Ultrathin Graphdiyne Oxide Nanosheets. Nano Letters, 2019, 19, 4060-4067.	4.5	118
7	Tailoring the morphology and epoxy group content of glycidyl methacrylate-based polyHIPE monoliths via radiation-induced polymerization at room temperature. Colloid and Polymer Science, 2018, 296, 1005-1016.	1.0	13
8	Encapsulating surface-clean metal nanoparticles inside metalâ€“organic frameworks for enhanced catalysis using a novel Î³-ray radiation approach. Inorganic Chemistry Frontiers, 2018, 5, 29-38.	3.0	15
9	Fabrication of Hollow Mesoporous CdS@TiO₂@Au Microspheres with High Photocatalytic Activity for Hydrogen Evolution from Water under Visible Light. ACS Sustainable Chemistry and Engineering, 2018, 6, 13766-13777.	3.2	43
10	Controllable synthesis of anisotropic silica/polymer composite particles via seeded dispersion polymerization. Materials Chemistry and Physics, 2017, 195, 105-113.	2.0	18
11	Nitrone Mediated Coupling of Hyperbranched Polymer Radicals. Macromolecular Chemistry and Physics, 2017, 218, 1700069.	1.1	4
12	Nitrogen-Doped Hollow Carbon Nanospheres for High-Performance Li-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 14180-14186.	4.0	97
13	Mechanical Activation of Platinumâ€“Acetylide Complex for Olefin Hydrosilylation. ACS Macro Letters, 2017, 6, 1146-1150.	2.3	33
14	Symmetric Amphiphilic Molecules with Hydroxylâ€Cinnamicâ€Acid Dimer Cores: Photoâ€alterable Aggregation and Thermal Sensitivity. Journal of Surfactants and Detergents, 2017, 20, 1105-1113.	1.0	3
15	A novel approach to preparing polystyrene/Fe3O4 multihollow microspheres with porous walls. Colloid and Polymer Science, 2016, 294, 1755-1763.	1.0	5
16	The facile synthesis of PMMA polyHIPEs with highly interconnected porous microstructures. Journal of Materials Science, 2016, 51, 9005-9018.	1.7	15
17	Synthesis of snowmanâ€like polymerâ€silica asymmetric particles by combination of hydrolytic condensation process with Î³â€ray radiation initiated seeded emulsion polymerization. Journal of Polymer Science Part A, 2014, 52, 339-348.	2.5	15
18	Facile fabrication of polymer-inorganic hybrid particles with various morphologies by combination of hydrolytic condensation process with radiation seeded emulsion polymerization. Colloid and Polymer Science, 2014, 292, 1171-1179.	1.0	9

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19	UV light induced plasticization and light activated shape memory of spiropyran doped ethylene-vinyl acetate copolymers. Soft Matter, 2014, 10, 3748.	1.2	63
20	Preparation of High Internal Water-Phase Double Emulsions Stabilized by a Single Anionic Surfactant for Fabricating Interconnecting Porous Polymer Microspheres. Langmuir, 2014, 30, 12154-12163.	1.6	39
21	Design of yolkâ€“shell Fe₃O₄@PMAA composite microspheres for adsorption of metal ions and pH-controlled drug delivery. Journal of Materials Chemistry A, 2014, 2, 7065-7074.	5.2	69
22	Hollow Metalâ€“Organic Framework Nanospheres via Emulsion-Based Interfacial Synthesis and Their Application in Size-Selective Catalysis. ACS Applied Materials & Interfaces, 2014, 6, 18163-18171.	4.0	159
23	Synthesis of worm-like superparamagnetic P(St-AA)@Fe3O4/SiO2 Janus composite particles. Colloid and Polymer Science, 2014, 292, 1395-1403.	1.0	4
24	Facile approach to glycidyl methacrylate-based polyHIPE monoliths with high epoxy-group content. Colloid and Polymer Science, 2014, 292, 2563-2570.	1.0	11
25	High-Pressure Raman Study of [2.2]Paracyclophane. Journal of Physical Chemistry C, 2014, 118, 16028-16034.	1.5	7
26	Tailoring the morphology of emulsion-based (glycidylmethacrylate-divinylbenzene) monoliths. European Polymer Journal, 2014, 57, 127-136.	2.6	16
27	Facile Preparation of Raspberry-Like Superhydrophobic Polystyrene Particles via Seeded Dispersion Polymerization. Langmuir, 2013, 29, 11440-11448.	1.6	50
28	Preparation of macroporous polyHIPE foams via radiation-induced polymerization at room temperature. Colloid and Polymer Science, 2013, 291, 1649-1656.	1.0	29
29	Synthesis of Anisotropic Polymer/Inorganic Particles via Asymmetric Swellingâ€“Dissolving Process. Langmuir, 2013, 29, 1010-1016.	1.6	9
30	Facile fabrication of snowman-like Janus particles with asymmetric fluorescent properties via seeded emulsion polymerization. Colloid and Polymer Science, 2013, 291, 2993-3003.	1.0	20
31	Facile synthesis and catalytic application of Agâ€“Fe2O3â€“carbons nanocomposites. Materials Letters, 2013, 100, 296-298.	1.3	24
32	Preparation and characterization of film-forming raspberry-like polymer/silica nanocomposites via soap-free emulsion polymerization and the solâ€“gel process. Colloid and Polymer Science, 2013, 291, 1181-1190.	1.0	35
33	Copolymerization of ethylene with unsaturated alcohols and methylmethacrylate using a silylated Î±â€diimine nickel catalyst: Molecular modeling and photodegradation studies. Journal of Applied Polymer Science, 2013, 129, 1820-1832.	1.3	10
34	A facile approach to superparamagnetic porous carbons and its high capability for the removal of pollutants in water. Materials Letters, 2013, 92, 14-16.	1.3	2
35	Fabrication and Morphology of Spongelike Polymer Material Based on Cross-Linked Sulfonated Polystyrene Particles. Langmuir, 2012, 28, 5498-5502.	1.6	2
36	Fluorescence Enhancement and Radiolysis of Carbon Dots through Aqueous Î³ Radiation Chemistry. Journal of Physical Chemistry C, 2012, 116, 15826-15832.	1.5	12

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37	Synthesis of snowmanâ€like magnetic/nonmagnetic nanocomposite asymmetric particles via seeded emulsion polymerization initiated by Î³â€ray radiation. Journal of Polymer Science Part A, 2012, 50, 4599-4611.	2.5	11
38	A novel approach for preparation of â€œcage-likeâ€•multihollow polymer microspheres through sulfonated polystyrene particles. Colloid and Polymer Science, 2012, 290, 1749-1757.	1.0	13
39	Dramatic Fluorescence Enhancement of Bare Carbon Dots through Facile Reduction Chemistry. ChemPhysChem, 2012, 13, 3549-3555.	1.0	73
40	Synthesis of triangle hybrid particles by radiation-induced seeded emulsion polymerization based on polystyrene/SiO2 coreâ€“shell particles. Materials Letters, 2012, 79, 61-64.	1.3	4
41	Macroporous magnetic poly(styreneâ€“divinylbenzene) nanocomposites prepared via magnetite nanoparticles-stabilized high internal phase emulsions. Journal of Materials Chemistry, 2011, 21, 12865.	6.7	58
42	Study of emulsion polymerization stabilized by amphiphilic polymer nanoparticles. Colloid and Polymer Science, 2011, 289, 1543-1551.	1.0	21
43	Oneâ€Pot Synthesis of Colloidal Nanobowls and Hybrid Multipodâ€like Nanoparticles by Radiation Miniemulsion Polymerization. Macromolecular Rapid Communications, 2011, 32, 1615-1619.	2.0	11
44	One-step synthesis of manganese dioxide/polystyrene nanocomposite foams via high internal phase emulsion and study of their catalytic activity. Colloid and Polymer Science, 2010, 288, 1031-1039.	1.0	24
45	Synthesis of the raspberryâ€like PS/PAN particles with anisotropic properties via seeded emulsion polymerization initiated by Î³â€ray radiation. Journal of Polymer Science Part A, 2010, 48, 5198-5205.	2.5	60
46	Novel Walnut-like Multihollow Polymer Particles: Synthesis and Morphology Control. Langmuir, 2010, 26, 1635-1641.	1.6	31
47	Controllable Synthesis of CuO Nanowires and Cu₂O Crystals with Shape Evolution via Î³-Irradiation. Inorganic Chemistry, 2010, 49, 7217-7219.	1.9	29
48	Effects of concentration of nonionic surfactant and molecular weight of polymers on the morphology of anisotropic polystyrene/poly(methyl methacrylate) composite particles prepared by solvent evaporation method. Colloid and Polymer Science, 2009, 287, 819-827.	1.0	17
49	The effect of irradiation on morphology and properties of the PET/HDPE blends with trimethylol propane trimethacrylate (TMPTA). Polymer Bulletin, 2009, 63, 587-597.	1.7	12
50	Fabrication of superparamagnetic magnetite/poly(styrene-co-12-acryloxy-9-octadecenoic acid) nanocomposite microspheres with controllable structure. Journal of Colloid and Interface Science, 2009, 338, 584-590.	5.0	10
51	A novel approach to raspberry-like particles for superhydrophobic materials. Journal of Materials Chemistry, 2009, 19, 1297.	6.7	138
52	Controlled Synthesis of Different Shapes of Cu₂O via Î³-Irradiation. Crystal Growth and Design, 2009, 9, 1733-1740.	1.4	48
53	Design and fabrication of hollow, magnetic and fluorescent CdSâ€“magnetiteâ€“poly(styrene-co-methyl) Tj ETQq1 1 0.784314 rgBT /O	1.4	7
54	Preparation of Submicron-sized Snowman-like Polystyrene Particles via Radiation-induced Seeded Emulsion Polymerization. Chemistry Letters, 2009, 38, 854-855.	0.7	10

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55	Design and Fabrication of Multifunctional CdS/Magnetite/Poly(styrene-co-methyl methacrylate) Microspheres: Magnetic, Fluorescent and Hollow. Journal of Scientific Conference Proceedings, 2009, 1, 200-201.	0.1	0
56	Radiation miniemulsion polymerization system with HTPB or its derivative as the costabilizer. Colloid and Polymer Science, 2008, 286, 1039-1047.	1.0	2
57	Facile preparation of monodisperse hollow crossâ€linked chitosan microspheres. Journal of Polymer Science Part A, 2008, 46, 228-237.	2.5	30
58	A facile route to hollow superparamagnetic magnetite/polystyrene nanocomposite microspheres via inverse miniemulsion polymerization. Journal of Polymer Science Part A, 2008, 46, 3900-3910.	2.5	38
59	Large-scale growth and shape evolution of micrometer-sized Cu2O cubes with concave planes via Î³-irradiation. Solid State Sciences, 2008, 10, 1322-1326.	1.5	12
60	Fabrication of Novel Multihollow Superparamagnetic Magnetite/Polystyrene Nanocomposite Microspheres via Water-in-Oil-in-Water Double Emulsions. Langmuir, 2008, 24, 10395-10401.	1.6	38
61	Self-assembly of pH-responsive acrylate latex particles at emulsion droplets interface. Journal of Applied Polymer Science, 2007, 105, 1018-1024.	1.3	10
62	Preparation of polystyrene latex particles from radiation induced miniemulsion polymerization using Y-like branched emulsifiers as the sole stabilizer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 295, 7-15.	2.3	11
63	Self-assembly of latex particles at droplet interface to prepare monodisperse emulsion droplets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 301, 80-84.	2.3	15
64	Preparation of polymeric nanocapsules by radiation induced miniemulsion polymerization. European Polymer Journal, 2007, 43, 2848-2855.	2.6	34
65	Cagelike polymer microspheres with hollow core/porous shell structures. Journal of Polymer Science Part A, 2007, 45, 933-941.	2.5	32
66	Silver nanorods using HEC as a template by Î³-irradiation technique and absorption dose that changed their nanosize and morphology. Materials Letters, 2007, 61, 1801-1804.	1.3	8
67	Novel one-step route for synthesizing sub-micrometer PSt hollow spheres via redox interfacial-initiated method in inversed emulsion. Materials Letters, 2007, 61, 2818-2821.	1.3	7
68	Preparation of Poly (methacrylic acid)/Polystyrene Composite Particles and Morphology Control. Materials Letters, 2007, 61, 4478-4481.	1.3	4
69	Miniemulsion polymerization of styrene costabilized with polyurethane via 60Co Î³-ray radiation initiation. Colloid and Polymer Science, 2007, 285, 1093-1100.	1.0	8
70	A novel approach to hollow superparamagnetic magnetite/polystyrene nanocomposite microspheres via interfacial polymerization. Journal of Materials Chemistry, 2006, 16, 4480.	6.7	51
71	Novel method for the preparation of coreâ€“shell nanoparticles with movable Ag core and polystyrene loop shell. Journal of Solid State Chemistry, 2006, 179, 1253-1258.	1.4	17
72	Fabrication of CdS nanorods in inverse microemulsion using HEC as a template by a convenient Î³-irradiation technique. Journal of Crystal Growth, 2006, 290, 592-596.	0.7	17

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73	Synthesis and characterization of MoO2/P(St-co-MMA-co-AA) microspheres via microemulsion by Î³-ray radiation. Solid State Sciences, 2006, 8, 526-530.	1.5	17
74	Preparation of superparamagnetic Î³-Fe2O3 nanoparticles in nonaqueous medium by Î³-irradiation. Journal of Magnetism and Magnetic Materials, 2006, 302, 263-266.	1.0	26
75	Highly active new Î±-diimine nickel catalyst for the polymerization of Î±-olefins. Journal of Organometallic Chemistry, 2005, 690, 1314-1323.	0.8	50
76	Synthesis of Cagelike Polymer Microspheres with Hollow Core/Porous Shell Structures by Self-Assembly of Latex Particles at the Emulsion Droplet Interface. Chemistry of Materials, 2005, 17, 5891-5892.	3.2	125
77	Growth and morphological evolution of hexapod-shaped cuprous oxide microcrystals at room temperature. Canadian Journal of Chemistry, 2004, 82, 1341-1345.	0.6	15
78	FORMATION OF MONODISPERSE POLYACRYLAMIDE PARTICLES BY DISPERSION POLYMERIZATION. I. SYNTHESIS AND POLYMERIZATION KINETICS. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 545-556.	1.2	7
79	Formation of monodisperse polyacrylamide particles by radiation-induced dispersion polymerization. I. Synthesis and polymerization kinetics. Journal of Applied Polymer Science, 2002, 86, 2567-2573.	1.3	17
80	Synthesis and characterization of Î±-FeO(OH) nano-rods in situ via a solution-oxidation. Materials Letters, 2001, 49, 185-188.	1.3	11
81	In situ Synthesis and Characterization of Spherical CdS/Polyacrylamide Nanocomposites byÎ³-Irradiation in W/O Microemulsions. Chemistry Letters, 2001, 30, 924-925.	0.7	21
82	Fabrication of Nano-rod Copper-polymer Composites by Î³-Irradiation Route in a Heterogeneous System. Chemistry Letters, 2001, 30, 458-459.	0.7	12
83	Î³-Irradiation preparation of CdS nano-particles and their formation mechanism in non-water system. Radiation Physics and Chemistry, 2001, 61, 61-64.	1.4	32
84	Synthesis and characterization of polyacrylonitrileâ€“silver nanocomposites by Î³-irradiation. Radiation Physics and Chemistry, 2001, 61, 89-91.	1.4	41
85	Î³-Irradiation preparation of cadmium selenide nano-particles in ethylenediamine system. Materials Research Bulletin, 2001, 36, 1609-1613.	2.7	27
86	A simple reduction-oxidation route to prepare Co3O4 nanocrystals. Materials Research Bulletin, 2001, 36, 2383-2387.	2.7	56
87	Formation of microporous polymeric materials by microemulsion radiation polymerization of butyl acrylate. Journal of Applied Polymer Science, 2000, 77, 1989-1993.	1.3	10
88	Synthesis and characterization of polyacrylamideâ€“nickel amorphous nanocomposites by Î³-irradiation. Materials Letters, 2000, 46, 205-208.	1.3	18
89	The formation mechanism of Cuâ€“Pd alloys in mixed aqueous solutions by Î³-irradiation. Radiation Physics and Chemistry, 1999, 55, 357-361.	1.4	18