Pei Li

List of Publications by Year
in descending order

73 papers	3,257 citations	186265 28 h-index	149698 56 g-index
78 all docs	78 docs citations	78 times ranked	3996 citing authors

#	Article	IF	Citations
1	Magnetic and conducting Fe 3 O 4 â€“cross-linked polyaniline nanoparticles with coreâ€“shell structure. Polymer, 2002, 43, 2179-2184.	3.8	260
2	Self-Assembled Polystyrene-block-poly(ethylene oxide) Micelle Morphologies in Solution. Macromolecules, 2006, 39, 4880-4888.	4.8	241
3	Magnetic and conductive Fe3O4â€“polyaniline nanoparticles with coreâ€“shell structure. Synthetic Metals, 2003, 139, 295-301.	3.9	232
4	Carbon nanotubeâ€“polyaniline hybrid materials. European Polymer Journal, 2002, 38, 2497-2501.	5.4	181
5	Novel core-shell particles with poly(n-butyl acrylate) cores and chitosan shells as an antibacterial coating for textiles. Polymer, 2005, 46, 10538-10543.	3.8	164
6	Magnetic and conducting Fe3O4-polypyrrole nanoparticles with core-shell structure. Polymer International, 2003, 52, 1182-1187.	3.1	155
7	New Route to Amphiphilic Coreâ˘'Shell Polymer Nanospheres: Graft Copolymerization of Methyl Methacrylate from Water-Soluble Polymer Chains Containing Amino Groups. Langmuir, 2002, 18, 8641-8646.	3.5	146
8	Amphiphilic Coreâ˘'Shell Nanoparticles with Poly(ethylenimine) Shells as Potential Gene Delivery Carriers. Bioconjugate Chemistry, 2005, 16, 139-146.	3.6	133
9	Durable antibacterial finish on cotton fabric by using chitosan-based polymeric core-shell particles. Journal of Applied Polymer Science, 2006, 102, 1787-1793.	2.6	106
10	Amphiphilic polymeric particles with coreâ€“shell nanostructures: emulsion-based syntheses and potential applications. Colloid and Polymer Science, 2010, 288, 1503-1523.	2.1	89
11	Polyethyleneimine-Based Nanocarriers for Gene Delivery. Current Pharmaceutical Design, 2015, 21, 6140-6156.	1.9	84
12	Design and Synthesis of Novel Magnetic Coreâ˘'Shell Polymeric Particles. Langmuir, 2008, 24, 1801-1807.	3.5	74
13	New Route to Smart Core-Shell Polymeric Microgels: Synthesis and Properties. Macromolecular Rapid Communications, 2004, 25, 1819-1823.	3.9	73
14	Polyethyleneimine-Based Core-Shell Nanogels: A Promising siRNA Carrier for Argininosuccinate Synthetase mRNA Knockdown in HeLa Cells. Journal of Controlled Release, 2012, 158, 123-130.	9.9	66
15	Facile Route to Enzyme Immobilization: Coreâ˘'Shell Nanoenzyme Particles Consisting of Well-Defined Poly(methyl methacrylate) Cores and Cellulase Shells. Langmuir, 2008, 24, 11036-11042.	3.5	64
16	Selective oxidation of styrenes under oxygen catalyzed by cobalt chloride. Applied Catalysis A: General, 1997, 150, 221-229.	4.3	53
17	Poly(ethylene glycol) promoted reactions of vinylic dibromides. Dehydrohalogenation and palladium(0)-catalyzed formal oxidative homologation. Journal of Organic Chemistry, 1986, 51, 4354-4356.	3.2	52
18	Synthesis and characterization of poly(methyl methacrylate)/casein nanoparticles with a well-defined core-shell structure. Journal of Polymer Science Part A, 2003, 41, 3346-3353.	2.3	52

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19	Intracellular uptake and release of poly(ethyleneimine)-co-poly(methyl methacrylate) nanoparticle/pDNA complexes for gene delivery. International Journal of Pharmaceutics, 2006, 311, 209-214.	5.2	49
20	A novel method to prepare chitosan powder and its application in cellulase immobilization. Journal of Chemical Technology and Biotechnology, 2006, 81, 189-195.	3.2	45
21	Physicalâ€, chemicalâ€, and biologicalâ€responsive nanomedicine for cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1581.	6.1	44
22	Cobalt-Catalyzed Carbonylation of Benzyl Halides Using Polyethylene Glycols as Phase-Transfer Catalysts. Organometallics, 1996, 15, 3222-3231.	2.3	43
23	Amine-containing core-shell nanoparticles as potential drug carriers for intracellular delivery. Journal of Biomedical Materials Research - Part A, 2007, 80A, 184-193.	4.0	43
24	Green Synthesis of Smart Metal/Polymer Nanocomposite Particles and Their Tuneable Catalytic Activities. Polymers, 2016, 8, 105.	4.5	43
25	Laccase-mediated formation of mesoporous silica nanoparticle based redox stimuli-responsive hybrid nanogels as a multifunctional nanotheranostic agent. Nanoscale, 2016, 8, 17241-17249.	5.6	42
26	Cobalt-catalyzed oxidation of ethers using oxygen. Journal of Molecular Catalysis, 1992, 72, 143-152.	1.2	39
27	Polyethylenimine-Based Amphiphilic Coreâ€"Shell Nanoparticles: Study of Gene Delivery and Intracellular Trafficking. Biointerphases, 2012, 7, 16.	1.6	30
28	Mild cobalt chloride-catalyzed benzylic oxidation under neutral conditions. Journal of Molecular Catalysis, 1990, 61, 51-54.	1.2	29
29	Mechanistic study of the formation of amphiphilic coreâ€"shell particles by grafting methyl methacrylate from polyethylenimine through emulsion polymerization. Polymer, 2010, 51, 3512-3519.	3.8	29
30	A Convenient Synthesis of Î±,Î²-Acetylenic Ketones. Journal of Organic Chemistry, 2001, 66, 4087-4090.	3.2	28
31	Facile synthesis of organosilica-capped mesoporous silica nanocarriers with selective redox-triggered drug release properties for safe tumor chemotherapy. Biomaterials Science, 2019, 7, 1825-1832.	5.4	28
32	Surface Functionalization of Polymer Latex Particles:Â 4. Tailor-Making of Aldehyde-Functional Poly(methylstyrene) Latexes in an Emulsifier-Free System. Langmuir, 2000, 16, 4141-4147.	3.5	27
33	Formation of Nanostructured Materials via Coalescence of Amphiphilic Hollow Particles. Journal of the American Chemical Society, 2006, 128, 2168-2169.	13.7	27
34	Novel Core-Shell Nanoparticles and Their Application in High-Capacity Immobilization of Enzymes. Applied Biochemistry and Biotechnology, 2006, 135, 229-246.	2.9	27
35	Formation of highly monodispersed emulsifier-free cationic poly(methylstyrene) latex particles. Journal of Polymer Science Part A, 1999, 37, 2069-2074.	2.3	24
36	Preparation and characterization of magnetic amphiphilic polymer microspheres. Journal of Applied Polymer Science, 2001, 79, 1847-1851.	2.6	24

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37	Hydrothermal Microemulsion Synthesis of Oxidatively Stable Cobalt Nanocrystals Encapsulated in Surfactant/Polymer Complex Shells. Langmuir, 2010, 26, 6009-6014.	3.5	24
38	Facile synthesis of gold/polymer nanocomposite particles using polymeric amine-based particles as dual reductants and templates. Polymer, 2015, 76, 271-279.	3.8	24
39	Novel Synthesis and Properties of Smart Core-Shell Microgels. Macromolecular Symposia, 2005, 226, 177-186.	0.7	21
40	Synthesis of Wellâ€Defined Amphiphilic Coreâ€"Shell Particles Containing Amineâ€Rich Shells. Macromolecular Rapid Communications, 2007, 28, 2267-2271.	3.9	19
41	Cobalt(II) catalyzed oxidation of 2-substituted 1,3-dioxolanes with molecular oxygen. Canadian Journal of Chemistry, 1993, 71, 84-89.	1.1	18
42	Synthesis of N,N-dimethyl-2-amino-1,2-dicyclohexylethanol and its application in the enantioselective conjugate addition of diethylzinc to enones: a convenient upgrade of the chiral ligand via hydrogenation. Tetrahedron: Asymmetry, 2001, 12, 2301-2304.	1.8	18
43	Preparation of Latexes with Poly(Methyl Methacrylate) Cores and Hydrophilic Polymer Shells Containing Amino Groups. Journal of Dispersion Science and Technology, 2003, 24, 607-613.	2.4	18
44	A simple self-assembly method for colloidal photonic crystals with a large area. Journal of Colloid and Interface Science, 2005, 286, 573-578.	9.4	18
45	Nanoencapsulation of Organic Phase Change Material in Water via Coacervation Using Amphoteric Copolymer. Industrial & Engineering Chemistry Research, 2019, 58, 21080-21088.	3.7	18
46	Effective gene delivery of shBMP-9 using polyethyleneimine-based coreâ€"shell nanoparticles in an animal model of insulin resistance. Nanoscale, 2019, 11, 2008-2016.	5.6	18
47	Oxidation of alkynes by cobalt acetate bromide: a new mode of action for an important industrial catalyst. Journal of Molecular Catalysis A, 1999, 145, 111-120.	4.8	17
48	Characterization of Fe 3 O 4 /poly(styrene- co - N -isopropylacrylamide) magnetic particles with temperature sensitivity. Colloid and Polymer Science, 2000, 278, 459-463.	2.1	16
49	Wood pulp washing 1. Complex formation between kraft lignin and cationic polymers. Colloids and Surfaces, 1992, 64, 217-222.	0.9	15
50	Surface functionalization of polymer latex particles. III. A convenient method of producing ultrafine poly(methylstyrene) latexes with aldehyde groups on the surface. Journal of Polymer Science Part A, 1998, 36, 2103-2109.	2.3	15
51	Surface functionalization of polymer latex particles. I. Catalytic oxidation of poly(methylstyrene) latex particles in the presence of an anionic surfactant. Journal of Polymer Science Part A, 1997, 35, 1863-1872.	2.3	14
52	Aggregation-Induced Emission Luminogens for Cell Death Research. ACS Bio & Med Chem Au, 2022, 2, 236-257.	3.7	14
53	Formation of nanostructured materials using inexpensive hollow particles of amphiphilic graft copolymers as building blocks: 1. insight into the mechanism of nanotube formation. Soft Matter, 2009, 5, 4914.	2.7	13
54	Copper-mediated graft copolymerization of methyl methacrylate onto casein. Macromolecular Symposia, 2000, 151, 605-610.	0.7	11

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55	Synthesis and Characterization of Solvent-Invertible Amphiphilic Hollow Particles. Langmuir, 2013, 29, 7583-7590.	3.5	11
56	Influence of temperature on the formation and encapsulation of gold nanoparticles using a temperature-sensitive template. Data in Brief, 2015, 5, 434-438.	1.0	11
57	Surfactant Effect on Synthesis of Nanocrystalline LaxSr1-xMnO3by Hydrothermal Method. Acta Physica Polonica A, 2007, 111, 165-171.	0.5	10
58	In Vivo Biodistribution, Clearance, and Biocompatibility of Multiple Carbon Dots Containing Nanoparticles for Biomedical Application. Pharmaceutics, 2021, 13, 1872.	4.5	10
59	Aqueous Synthesis of Multiâ€Carbon Dot Crossâ€Linked Polyethyleneimine Particles with Enhanced Photoluminescent Properties. Macromolecular Rapid Communications, 2019, 40, e1800869.	3.9	9
60	Surface functionalization of polymer latex particles. II. Catalytic oxidation of poly(methylstyrene) latexes in the presence of cetyltrimethylammonium bromide. Journal of Polymer Science Part A, 1997, 35, 3585-3593.	2.3	8
61	Amphiphilic core shell nanoparticles containing dense polyethyleneimine shells for efficient delivery of microRNA to Kupffer cells. International Journal of Nanomedicine, 2016, 11, 2785.	6.7	8
62	Confined growth of multiple gold nanorices in dual-mesoporous silica nanospheres for improved computed tomography imaging and photothermal therapy . International Journal of Nanomedicine, 2019, Volume 14, 1519-1532.	6.7	8
63	Wood pulp washing 2. Displacement washing of aqueous lignin from model beds with cationic polymer solutions. Colloids and Surfaces, 1992, 64, 223-234.	0.9	6
64	Amphiphilic Coreâ€“Shell Nanocomposite Particles for Enhanced Magnetic Resonance Imaging. Particle and Particle Systems Characterization, 2016, 33, 756-763.	2.3	6
65	Synthesis of dual stimuli-responsive amphiphilic particles through controlled semi-batch emulsion polymerization. Polymer, 2016, 106, 294-302.	3.8	5
66	pH-induced formation of various hierarchical structures from amphiphilic coreâ€“shell nanotubes. RSC Advances, 2012, 2, 1303.	3.6	4
67	Functionalization of poly(methylstyrene) latex particles in an emulsifier-free system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 153, 363-366.	4.7	3
68	Design and synthesis of amphiphilic coreâ€“shell nanoparticles with temperature sensitive-shell for controllable intracellular uptake. Journal of Controlled Release, 2015, 213, e85-e86.	9.9	1
69	A Novel Surface Functionalization Method for Producing Carboxyl-Functional Poly(methyl styrene) Latexes. ACS Symposium Series, 2001, , 293-306.	0.5	0
70	POLYELECTROLYTE NETWORK-SURFACTANT COMPLEXES WITH SHAPE MEMORY EFFECT. International Journal of Polymeric Materials and Polymeric Biomaterials, 2004, 53, 375-383.	3.4	0
71	Smart Coatings. ACS Symposium Series, 2007, , 15-26.	0.5	0
72	Amphiphilic Coreâ€“Shell Nanoparticles Containing Hairy Polyethyleneimine Shells as Effective Nanocarriers for Gene and siRNA Delivery. Regenerative Medicine, Artificial Cells and Nanomedicine, 2013, , 429-447.	0.1	0

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73	Efficient gene delivery using a novel coreâ€shell nanoparticle and HMGB1 system. FASEB Journal, 2006, 20, A526.	0.5	0