

Hailin Cong

List of Publications by Year in descending order

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153
papers

4,804
citations

101496

36
h-index

143943

57
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all docs

154
docs citations

154
times ranked

4847
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Pyridine Polyionic Liquid Porous Microspheres and Their Application in Organic Dye Adsorption. <i>Journal of Polymers and the Environment</i> , 2022, 30, 385-400.	2.4	16
2	Synthesis of polyacrylonitrile/polytetrahydropyrimidine (PAN/PTHP) nanofibers with enhanced antibacterial and anti-viral activities for personal protective equipment. <i>Journal of Hazardous Materials</i> , 2022, 424, 127602.	6.5	29
3	Synthesis of poly-tetrahydropyrimidine antibacterial polymers and research of their basic properties. <i>Biomaterials Science</i> , 2022, 10, 1026-1040.	2.6	7
4	Recent research progress of biologically active peptides. <i>BioFactors</i> , 2022, 48, 575-596.	2.6	13
5	Solar light-driven photocatalytic production of hypochlorous acid over Pt/WO ₃ in seawater for marine antifouling. <i>Research on Chemical Intermediates</i> , 2022, 48, 29-47.	1.3	6
6	The Intracellular and Extracellular Microenvironment of Tumor Site: The Trigger of Stimuli-Responsive Drug Delivery Systems. <i>Small Methods</i> , 2022, 6, e2101437.	4.6	63
7	Diversified antibacterial modification and latest applications of polysaccharide-based hydrogels for wound healthcare. <i>Applied Materials Today</i> , 2022, 26, 101396.	2.3	16
8	Mn-dox metal-organic nanoparticles for cancer therapy and magnetic resonance imaging. <i>Dyes and Pigments</i> , 2022, 199, 110080.	2.0	7
9	Wound Microenvironment-Responsive Protein Hydrogel Drug-Loaded System with Accelerating Healing and Antibacterial Property. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10187-10199.	4.0	36
10	The surface property of PTFE and PVDF liquid marbles. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	2
11	Preparation and application of urea-based derivatized β -cyclodextrin chiral stationary phase based on diazotized silica microspheres. <i>Journal of Chromatography A</i> , 2022, 1669, 462932.	1.8	4
12	Synthesis of 3,5-dichlorobenzene isocyanate-derived β -cyclodextrin and 3,5-dimethyl phenyl isocyanate-derived β -cyclodextrin chiral stationary phases and their applications in the separation of chiral compounds. <i>Separation and Purification Technology</i> , 2022, 294, 121147.	3.9	8
13	Effective strategy for polymer synthesis: multicomponent reactions and click polymerization. <i>Materials Today Chemistry</i> , 2022, 25, 100948.	1.7	15
14	Design of NIR-II high performance organic small molecule fluorescent probes and summary of their biomedical applications. <i>Coordination Chemistry Reviews</i> , 2022, 468, 214609.	9.5	45
15	Preparation, application and development of poly(ionic liquid) microspheres. <i>Journal of Molecular Liquids</i> , 2022, 362, 119706.	2.3	8
16	Enhanced heterogenous photo-Fenton degradation of tetracycline in aqueous medium by visible light responsive sulphur doped zinc ferrite nanoparticles. <i>Materials Today Chemistry</i> , 2022, 26, 101003.	1.7	3
17	Novel antifouling polymer with self-cleaning efficiency as surface coating for protein analysis by electrophoresis. <i>Talanta</i> , 2021, 221, 121493.	2.9	12
18	Application of multifunctional BODIPY in photodynamic therapy. <i>Dyes and Pigments</i> , 2021, 185, 108937.	2.0	79

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19	Simultaneous adsorption of heavy metals and organic dyes by β -Cyclodextrin-Chitosan based cross-linked adsorbent. <i>Carbohydrate Polymers</i> , 2021, 255, 117486.	5.1	130
20	Analysis of proteins and chiral drugs based on vancomycin covalent capillary electrophoretic coating. <i>Analyst</i> , The, 2021, 146, 1320-1325.	1.7	13
21	A design strategy for D π A conjugated polymers for NIR-II fluorescence imaging. <i>Polymer Chemistry</i> , 2021, 12, 4707-4713.	1.9	20
22	Preparation and biomedical application of injectable hydrogels. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4912-4936.	3.2	28
23	Recent research progress in the construction of active free radical nanoreactors and their applications in photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 2384-2412.	2.6	20
24	Development and application of ultrasound contrast agents in biomedicine. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7633-7661.	2.9	16
25	NIR-II bioimaging of small organic molecule. <i>Biomaterials</i> , 2021, 271, 120717.	5.7	132
26	Co-delivery of chemotherapeutic drugs and cell cycle regulatory agents using nanocarriers for cancer therapy. <i>Science China Materials</i> , 2021, 64, 1827-1848.	3.5	27
27	A novel M ₂ Ga ₂ GeO ₇ :N ³⁺ (M=Ca, Ba, Sr; N=Cr, Nd, Er) sub-micron phosphor with multiband NIR emissions: preparation, structure, properties, and LEDs. <i>Nanotechnology</i> , 2021, 32, 395703.	1.3	2
28	Facile synthesis of Zr ⁴⁺ substituted Mn _{0.2} Co _{0.8} Fe ₂ xO ₄ nanoparticles and their composites with reduced graphene oxide for enhanced photocatalytic performance under visible light irradiation. <i>Synthetic Metals</i> , 2021, 277, 116766.	2.1	25
29	Yolk-shell Fe ₃ O ₄ @MOF-5 nanocomposites as a heterogeneous Fenton-like catalyst for organic dye removal. <i>Separation and Purification Technology</i> , 2021, 267, 118620.	3.9	73
30	Semiconductor small molecule IHC/ITC applied to photothermal therapy and photoacoustic imaging of tumors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 221, 112257.	1.7	5
31	Environmentally friendly fabrication of new β -Cyclodextrin/ZrO ₂ nanocomposite for simultaneous removal of Pb(II) and BPA from water. <i>Science of the Total Environment</i> , 2021, 784, 147207.	3.9	57
32	A review of the design of packing materials for ion chromatography. <i>Journal of Chromatography A</i> , 2021, 1653, 462313.	1.8	24
33	Sustainable fabrication of hematite (α -Fe ₂ O ₃) nanoparticles using biomolecules of Punica granatum seed extract for unconventional solar-light-driven photocatalytic remediation of organic dyes. <i>Journal of Molecular Liquids</i> , 2021, 339, 116729.	2.3	35
34	Heterogeneous activation of peroxymonosulfate using superparamagnetic β -CD-CoFe ₂ O ₄ catalyst for the removal of endocrine-disrupting bisphenol A: Performance and degradation mechanism. <i>Separation and Purification Technology</i> , 2021, 279, 119752.	3.9	36
35	Antibacterial material surfaces/interfaces for biomedical applications. <i>Applied Materials Today</i> , 2021, 25, 101192.	2.3	26
36	Microporous poly(glycidyl methacrylate-co-ethylene glycol dimethyl acrylate) microspheres: synthesis, functionalization and applications. <i>Polymer Chemistry</i> , 2021, 12, 6050-6070.	1.9	19

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37	Design of crown ether based micelles and their anti-tumor properties by perturbing potassium ion homeostasis. <i>Materials and Design</i> , 2021, 211, 110159.	3.3	2
38	A modular ROS-responsive platform co-delivered by 10-hydroxycamptothecin and dexamethasone for cancer treatment. <i>Journal of Controlled Release</i> , 2021, 340, 102-113.	4.8	24
39	Hydrogel vectors based on peptide and peptide-like substances: For treating bacterial infections and promoting wound healing. <i>Applied Materials Today</i> , 2021, 25, 101224.	2.3	16
40	Preparation of monodisperse porous polymeric ionic liquid microspheres and their application as stationary phases for HPLC. <i>Talanta</i> , 2020, 208, 120462.	2.9	33
41	Efficient photocatalytic degradation of toxic Alizarin yellow R dye from industrial wastewater using biosynthesized Fe nanoparticle and study of factors affecting the degradation rate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 202, 111682.	1.7	82
42	Preparation of porous sulfonated poly(styrene-divinylbenzene) microspheres and its application in hydrophilic and chiral separation. <i>Talanta</i> , 2020, 210, 120586.	2.9	32
43	Regioselective Synthesis, Crystallographic Characterization, and Electrochemical Properties of Pyrazole- and Pyrrole-Ring Fused Derivatives of Y 2 @ C 3 v (8). <i>Chemistry - A European Journal</i> , 2020, 17, 26, 2464-2469.		5
44	Liposomes modified with bio-substances for cancer treatment. <i>Biomaterials Science</i> , 2020, 8, 6442-6468.	2.6	48
45	Metal-encapsulation induces a highly regioselective Bingel-Hirsch reaction of the labile Y@C(6)-C(82). <i>Chemical Communications</i> , 2020, 56, 14357-14360.	2.2	6
46	Review of the research on anti-protein fouling coatings materials. <i>Progress in Organic Coatings</i> , 2020, 147, 105860.	1.9	33
47	Recent advances on inorganic lanthanide-doped NIR-II fluorescence nanoprobe for bioapplication. <i>Journal of Luminescence</i> , 2020, 228, 117627.	1.5	35
48	Recent advances in drug delivery systems for enhancing drug penetration into tumors. <i>Drug Delivery</i> , 2020, 27, 1474-1490.	2.5	71
49	Poly-tetrahydropyrimidine Antibacterial Hydrogel with Injectability and Self-Healing Ability for Curing the Purulent Subcutaneous Infection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50236-50247.	4.0	48
50	Recent advances in synthesis and application of organic near-infrared fluorescence polymers. <i>Journal of Materials Science</i> , 2020, 55, 9918-9947.	1.7	23
51	Quantitative Mono-Formation and Crystallographic Characterization of Pyrazole- and Pyrrole-Ring Fused Derivatives of C₆₀. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1866-1870.	1.2	0
52	Dynamic Covalent C-C Bond, Cross-Linked, Injectable, and Self-Healable Hydrogels via Knoevenagel Condensation. <i>Biomacromolecules</i> , 2020, 21, 1234-1242.	2.6	22
53	Biomedical application of manganese dioxide nanomaterials. <i>Nanotechnology</i> , 2020, 31, 202001.	1.3	31
54	Preparation and application of PGMA-DVB microspheres via surface-modification with quaternary and phenylboronic acid moiety. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110807.	2.5	16

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55	Tuning the Brightness and Photostability of Organic Dots for Multivalent Targeted Cancer Imaging and Surgery. <i>ACS Nano</i> , 2020, 14, 5887-5900.	7.3	46
56	Recent advantage of hyaluronic acid for anti-cancer application: a review of a transition approach. <i>Carbohydrate Polymers</i> , 2020, 238, 116204.	5.1	40
57	Tumor microenvironment-responsive polymer with chlorin e6 to interface hollow mesoporous silica nanoparticles-loaded oxygen supply factor for boosted photodynamic therapy. <i>Nanotechnology</i> , 2020, 31, 305709.	1.3	11
58	Preparation, surface functionalization and application of Fe ₃ O ₄ magnetic nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2020, 281, 102165.	7.0	332
59	Chitosan composite hydrogels cross-linked by multifunctional diazo resin as antibacterial dressings for improved wound healing. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1890-1898.	2.1	15
60	Recent advances on protein separation and purification methods. <i>Advances in Colloid and Interface Science</i> , 2020, 284, 102254.	7.0	98
61	Recent Advances in the Rational Drug Design Based on Multi-target Ligands. <i>Current Medicinal Chemistry</i> , 2020, 27, 4720-4740.	1.2	23
62	Preparation and evaluation of PAMAM dendrimer-based polymer gels physically cross-linked by hydrogen bonding. <i>Biomaterials Science</i> , 2019, 7, 3918-3925.	2.6	26
63	Recent advances in ruthenium and platinum based supramolecular coordination complexes for antitumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110373.	2.5	21
64	Multifunctional Fe ₃ O ₄ @C-based nanoparticles coupling optical/MRI imaging and pH/photothermal controllable drug release as efficient anti-cancer drug delivery platforms. <i>Nanotechnology</i> , 2019, 30, 425102.	1.3	26
65	Fabrication of PEGylated Bi ₂ S ₃ Nanosheets As a Multifunctional Platform for Multimodal Diagnosis and Combination Therapy for Cancer. <i>ACS Applied Bio Materials</i> , 2019, 2, 3870-3876.	2.3	12
66	Preparation and properties of porous P(St-MMA-AA) microsphere anti-glare film. <i>Progress in Organic Coatings</i> , 2019, 137, 105287.	1.9	3
67	Photocatalytic potential of bio-engineered copper nanoparticles synthesized from <i>Ficus carica</i> extract for the degradation of toxic organic dye from waste water: Growth mechanism and study of parameter affecting the degradation performance. <i>Materials Research Bulletin</i> , 2019, 120, 110583.	2.7	54
68	A review of different synthetic approaches of amorphous intrinsic microporous polymers and their potential applications in membrane-based gases separation. <i>European Polymer Journal</i> , 2019, 120, 109262.	2.6	40
69	Organic Semiconductors for Photothermal Therapy and Photoacoustic Imaging. <i>ChemBioChem</i> , 2019, 20, 1628-1636.	1.3	29
70	Logical design and application of prodrug platforms. <i>Polymer Chemistry</i> , 2019, 10, 306-324.	1.9	58
71	Investigation of rare earth upconversion fluorescent nanoparticles in biomedical field. <i>Nanotechnology Reviews</i> , 2019, 8, 1-17.	2.6	61
72	Conjugated Polymer-Based Nanoparticles with Efficient NIR Fluorescent, Photoacoustic and Photothermal Performance. <i>ChemBioChem</i> , 2019, 20, 2793-2799.	1.3	33

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73	Construction of Dimeric Drug-Loaded Polymeric Micelles with High Loading Efficiency for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1961.	1.8	7
74	Synthesis, self-assembly and drug release behaviors of a bottlebrush polymer-HCPT prodrug for tumor chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 278-284.	2.5	18
75	Application and design of esterase-responsive nanoparticles for cancer therapy. <i>Drug Delivery</i> , 2019, 26, 416-432.	2.5	117
76	Preparation of photosensitive diazotized poly (vinyl alcohol-b-styrene) covalent capillary coatings for capillary electrophoresis separation of proteins. <i>Journal of Chromatography A</i> , 2019, 1593, 174-182.	1.8	12
77	D π A polymers for fluorescence/photoacoustic imaging and characterization of their photothermal properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6576-6584.	2.9	38
78	Mild polyaddition and polyalkylation based on the carbon-carbon bond formation reaction of active methylene. <i>RSC Advances</i> , 2019, 9, 40455-40461.	1.7	2
79	Advanced Carbon-based Nanoplatforms Combining Drug Delivery and Thermal Therapy for Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2019, 24, 4060-4076.	0.9	25
80	Light-assisted preparation of vancomycin chiral stationary phase based on diazotized silica and its enantioseparation evaluation by high-performance liquid chromatography. <i>Talanta</i> , 2018, 182, 171-177.	2.9	30
81	Current status and future developments in preparation and application of nonspherical polymer particles. <i>Advances in Colloid and Interface Science</i> , 2018, 256, 126-151.	7.0	50
82	Preparation of monodisperse cross-linked poly(glycidyl methacrylate)@Fe ₃ O ₄ @diazoresin magnetic microspheres with dye removal property. <i>Journal of Materials Science</i> , 2018, 53, 6471-6481.	1.7	28
83	Preparation of morphology-controllable PGMA-DVB microspheres by introducing Span 80 into seed emulsion polymerization. <i>RSC Advances</i> , 2018, 8, 2593-2598.	1.7	14
84	Recent Advances of Low Biological Toxicity Ag ₂ S QDs for Biomedical Application. <i>Advanced Engineering Materials</i> , 2018, 20, 1700940.	1.6	61
85	Alkylthienyl substituted asymmetric 2D BDT and DTBT-based polymer solar cells with a power conversion efficiency of 9.2%. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2371-2378.	5.2	37
86	Preparation of polymeric Janus microparticles with hierarchically porous structure and enhanced anisotropy. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 144-150.	5.0	22
87	Light-assisted preparation of a cyclodextrin-based chiral stationary phase and its separation performance in liquid chromatography. <i>New Journal of Chemistry</i> , 2018, 42, 1115-1120.	1.4	20
88	Emerging Advanced Nanomaterials for Cancer Photothermal Therapy. <i>Reviews on Advanced Materials Science</i> , 2018, 53, 131-146.	1.4	40
89	Controlled synthesis of Fe ₃ O ₄ @ZIF-8 nanoparticles for drug delivery. <i>CrystEngComm</i> , 2018, 20, 7486-7491.	1.3	51
90	Preparation of pocket shaped microfiltration membranes with binary porous structures. <i>Soft Matter</i> , 2018, 14, 8660-8665.	1.2	8

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91	ZnO Quantum Dots Modified by pH-Activated Charge-Reversal Polymer for Tumor Targeted Drug Delivery. <i>Polymers</i> , 2018, 10, 1272.	2.0	36
92	A degradable triple temperature, pH, and redox-responsive drug system for cancer chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 3203-3210.	2.1	46
93	Recent Progress in Fluorescence Imaging of the Near-Infrared-II Window. <i>ChemBioChem</i> , 2018, 19, 2522-2541.	1.3	71
94	Novel triple responsive polybenzimidazole synthesized via amine-ene Michael addition. <i>New Journal of Chemistry</i> , 2018, 42, 11396-11403.	1.4	1
95	The Effect of Different Porogens on Porous PMMA Microspheres by Seed Swelling Polymerization and Its Application in High-Performance Liquid Chromatography. <i>Materials</i> , 2018, 11, 705.	1.3	16
96	Preparation of Hierarchical Highly Ordered Porous Films of Brominated Poly(phenylene oxide) and Hydrophilic SiO ₂ /C Membrane via the Breath Figure Method. <i>Materials</i> , 2018, 11, 481.	1.3	18
97	Using ZIF-8 as stationary phase for capillary electrophoresis separation of proteins. <i>Talanta</i> , 2018, 188, 493-498.	2.9	29
98	Stimuli Responsive Nanoparticles for Controlled Anti-cancer Drug Release. <i>Current Medicinal Chemistry</i> , 2018, 25, 1837-1866.	1.2	64
99	Diazo resin modified monodisperse porous poly(glycidylmethacrylate-co-divinylbenzene) microspheres as the stationary phase for high performance liquid chromatography. <i>New Journal of Chemistry</i> , 2017, 41, 4637-4643.	1.4	15
100	Facile Approach to Preparing a Vanadium Oxide Hydrate Layer as a Hole-Transport Layer for High-Performance Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18087-18094.	4.0	32
101	Synthesis and application of sulfonated polystyrene/ferrosoferric oxide/diazo resin nanocomposite microspheres for highly selective removal of dyes. <i>Materials and Design</i> , 2017, 135, 333-342.	3.3	37
102	A covalent capillary coating of diazo resin and polyglycerol dendrimer for protein analysis using capillary electrophoresis. <i>Electrophoresis</i> , 2017, 38, 3104-3110.	1.3	8
103	Synthesis of monodisperse silica microspheres and modification with diazo resin for mixed-mode ultra high performance liquid chromatography separations. <i>Journal of Separation Science</i> , 2017, 40, 4320-4328.	1.3	6
104	Preparation of Porous Poly(Styrene-Divinylbenzene) Microspheres and Their Modification with Diazo resin for Mix-Mode HPLC Separations. <i>Materials</i> , 2017, 10, 440.	1.3	23
105	Preparation of Humidity-Sensitive Poly(Ethylene Glycol) Inverse Opal Micropatterns Using Colloidal Lithography. <i>Materials</i> , 2017, 10, 1035.	1.3	13
106	Efficient Inverted Organic Solar Cells Based on a Fullerene Derivative-Modified Transparent Cathode. <i>Materials</i> , 2017, 10, 1064.	1.3	11
107	Multifunctional PMMA@Fe ₃ O ₄ @DR Magnetic Materials for Efficient Adsorption of Dyes. <i>Materials</i> , 2017, 10, 1239.	1.3	24
108	Preparation of crosslinked porous polyurea microspheres in one-step precipitation polymerization and its application for water treatment. <i>RSC Advances</i> , 2016, 6, 111806-111811.	1.7	9

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109	Self-assembled and covalently linked capillary coating of diazoresin and cyclodextrin-derived dendrimer for analysis of proteins by capillary electrophoresis. <i>Talanta</i> , 2016, 152, 76-81.	2.9	28
110	Photosensitive diazotized poly(ethylene glycol) covalent capillary coatings for analysis of proteins by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6781-6788.	1.9	10
111	Hybrid Top-Down/Bottom-Up Strategy Using Superwettability for the Fabrication of Patterned Colloidal Assembly. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4985-4993.	4.0	25
112	Synthesis and modification of monodisperse silica microspheres for UPLC separation of C ₆₀ and C ₇₀ . <i>Analytical Methods</i> , 2016, 8, 919-924.	1.3	23
113	Synthesis of monodisperse poly(styrene-co-divinylbenzene) microspheres with binary porous structures and application in high-performance liquid chromatography. <i>Journal of Materials Science</i> , 2016, 51, 5240-5251.	1.7	31
114	Photosensitive polystyrene/silver bromide hybrid colloidal crystals as recoverable colorimetric naked eye probes for bromine gas sensing. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1386-1391.	2.7	27
115	Self-assembled covalent capillary coating of diazoresin/carboxyl fullerene for analysis of proteins by capillary electrophoresis and a comparison with diazoresin/graphene oxide coating. <i>Journal of Chromatography A</i> , 2016, 1437, 226-233.	1.8	34
116	Preparation of highly permeable BPPO microfiltration membrane with binary porous structures on a colloidal crystal substrate by the breath figure method. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 232-238.	5.0	28
117	Fabrication of highly ordered porous membranes of cellulose triacetate on ice substrates using breath figure method. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 552-558.	2.4	28
118	Fabrication of Stable Ultrathin Transparent Conductive Carbon Nanotube Micropatterns Using Layer-by-Layer Self-Assembly. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 320-325.	1.0	6
119	Synthesis of Fe ₃ O ₄ -NPs/SiO ₂ core-shell hollow microspheres and application in water treatment. <i>Colloid and Polymer Science</i> , 2015, 293, 985-991.	1.0	7
120	Inverse colloidal crystal membranes for hydrophobic interaction membrane chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2819-2825.	1.3	7
121	Synthesis of conductive magnetic nickel microspheres and their applications in anisotropic conductive film and water treatment. <i>RSC Advances</i> , 2015, 5, 77860-77865.	1.7	10
122	Microfluidic Chip Assisted Synthesis of Monodisperse Functional Poly(pentaerythritol triacrylate) Microspheres. <i>Science of Advanced Materials</i> , 2015, 7, 964-968.	0.1	2
123	Preparation of Doughnut-like Nanocomposite Colloidal Crystal Particles with Enhanced Light Diffraction Using Drying Self-assembly Method. <i>Current Nanoscience</i> , 2015, 11, 161-165.	0.7	9
124	A novel diazoresin/poly(<i>N</i> -vinyl aminobutyric acid) covalent capillary coating for the analysis of proteins by capillary electrophoresis. <i>Journal of Separation Science</i> , 2014, 37, 725-730.	1.3	22
125	Synthesis of anisotropic TiO ₂ hollow microspheres using cave particles as templates and application in water treatment. <i>New Journal of Chemistry</i> , 2014, 38, 2564.	1.4	13
126	Fabrication of anisotropic silica hollow microspheres using polymeric protrusion particles as templates. <i>Colloid and Polymer Science</i> , 2014, 292, 2361-2367.	1.0	11

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127	Graphene-Based Multilayers Constructed from Layer-by-Layer Self-Assembly Techniques. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 1145-1153.	0.9	12
128	Pebax [®] 1657 nanocomposite membranes incorporated with nanoparticles/colloids/carbon nanotubes for CO ₂ /N ₂ and CO ₂ /H ₂ separation. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2867-2876.	1.3	116
129	Current status and future developments in preparation and application of colloidal crystals. <i>Chemical Society Reviews</i> , 2013, 42, 7774.	18.7	183
130	Fabrication of monodisperse anisotropic silica hollow microspheres using polymeric cave particles as templates. <i>Journal of Colloid and Interface Science</i> , 2013, 411, 41-46.	5.0	22
131	Preparation of monodisperse PEG hydrogel composite microspheres via microfluidic chip with rounded channels. <i>Journal of Micromechanics and Microengineering</i> , 2013, 23, 095016.	1.5	12
132	A novel diazoresin/polyethylene glycol covalent capillary coating for analysis of proteins by capillary electrophoresis. <i>RSC Advances</i> , 2013, 3, 20010.	1.7	24
133	Preparation of iridescent colloidal crystal coatings with variable structural colors. <i>Optics Express</i> , 2013, 21, 17831.	1.7	45
134	Hybrid brominated sulfonated poly(2,6-diphenyl-1,4-phenylene oxide) and SiO ₂ nanocomposite membranes for CO ₂ /N ₂ separation. <i>Progress in Natural Science: Materials International</i> , 2012, 22, 661-667.	1.8	30
135	Preparation of a highly permeable ordered porous microfiltration membrane of brominated poly(phenylene oxide) on an ice substrate by the breath figure method. <i>Soft Matter</i> , 2012, 8, 8835.	1.2	70
136	Novel covalently coated diazoresin/polyvinyl alcohol capillary column for the analysis of proteins by capillary electrophoresis. <i>Electrophoresis</i> , 2012, 33, 3066-3072.	1.3	31
137	Ionic liquid modified poly(2,6-dimethyl-1,4-phenylene oxide) for CO ₂ separation. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	24
138	Imitation of variable structural color in paracheirodon innesi using colloidal crystal films. <i>Optics Express</i> , 2011, 19, 12799.	1.7	26
139	Carbon Dioxide Capture by Dendrimer-Modified Silica Nanoparticles. <i>Adsorption Science and Technology</i> , 2011, 29, 781-788.	1.5	11
140	Fabrication of superparamagnetic macroporous Fe ₃ O ₄ and its derivatives using colloidal crystals as templates. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 131-136.	5.0	24
141	Non-adhesive PEG hydrogel nanostructures for self-assembly of highly ordered colloids. <i>Nanotechnology</i> , 2009, 20, 075307.	1.3	18
142	Micropattern-assisted nanoassembly: Ordered nanocolloidal array on PEG microstructures. , 2009, , .		0
143	Microfabrication of conductive PDMS on flexible substrates for biomedical applications. , 2009, , .		12
144	Preparation of ordered porous NaCl and KCl crystals. <i>Solid State Sciences</i> , 2006, 8, 1056-1060.	1.5	14

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145	Hollow Cu-NP Spheres Made from Electroless Cu Deposition with Colloidal Particles as Templates. <i>Macromolecular Rapid Communications</i> , 2005, 26, 734-737.	2.0	8
146	Array Patterns of Binary Colloidal Crystals. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1695-1698.	1.2	36
147	Narrowly dispersed micrometer-sized composite spheres based on diazonium-polystyrene. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4284-4288.	2.5	19
148	Preparation of Stable Colloidal Crystals and Macroporous Materials Using Diazo-resin as a Thermosetting Agent. <i>Macromolecular Rapid Communications</i> , 2004, 25, 582-586.	2.0	6
149	Selective Electroless Deposition of Cu on an Ultrathin Au Film Pattern. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1917-1920.	2.0	4
150	Macroporous Au materials prepared from colloidal crystals as templates. <i>Journal of Colloid and Interface Science</i> , 2004, 278, 423-427.	5.0	11
151	Thin Film Interference of Colloidal Thin Films. <i>Langmuir</i> , 2004, 20, 8049-8053.	1.6	36
152	Covalently attached sandwich structure from colloidal particles and diazo-resin. <i>Journal of Colloid and Interface Science</i> , 2003, 263, 665-668.	5.0	10
153	Colloidal Crystallization Induced by Capillary Force. <i>Langmuir</i> , 2003, 19, 8177-8181.	1.6	126