

Wantai Yang

List of Publications by Year in descending order

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254
papers

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101384

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docs citations

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times ranked

6395
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-free preparation of uniform styrene/maleimide copolymer microspheres from solid poly(styrene- <i>alt</i> -maleic anhydride) microspheres. <i>Polymer Chemistry</i> , 2022, 13, 684-692.	1.9	8
2	Radical homopolymerization of vinyl ethers activated by Li ⁺ - π complexation in the presence of CH ₃ OLi and Lil. <i>Polymer Chemistry</i> , 2022, 13, 1098-1106.	1.9	3
3	Three-dimensional protein microarrays fabricated on reactive microsphere modified COC substrates. <i>Journal of Materials Chemistry B</i> , 2022, 10, 293-301.	2.9	2
4	Precise Synthesis of Structurally Diverse Aggregation-Induced Emission-Active Polyacrylates by Cu(0)-Catalyzed SET-LRP with Macromolecular Structure-Correlated Emission. <i>Macromolecules</i> , 2022, 55, 2911-2923.	2.2	7
5	Novel Bismaleimide Porous Polymer Microsphere by Self-Stabilized Precipitation Polymerization and Its Application for Catalytic Microreactors. <i>Macromolecules</i> , 2022, 55, 3723-3733.	2.2	11
6	A Facile Method for Delaying the Migration of Antifogging Agents in Polyethylene Films. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 6945-6956.	1.8	4
7	Covalently Attaching Hollow Silica Nanoparticles on a COC Surface for the Fabrication of a Three-Dimensional Protein Microarray. <i>Biomacromolecules</i> , 2022, 23, 2614-2623.	2.6	5
8	Limonene-derived hollow polymer particles: Preparation and application for the removal of dyes and heavy metal ions. <i>Journal of Polymer Science</i> , 2022, 60, 2572-2581.	2.0	2
9	Surface engineering of Si wafers with tunable surface morphology and stiffness via visible light induced <i>thiol-ene</i> click polymerization with 4-(<i>N,N</i> -diphenylamino)benzaldehyde as an organocatalyst. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	2
10	A facile approach for the preparation of poly(benzothiophene- <i>alt</i> -maleic anhydride) microspheres by self-stabilized precipitation polymerization. <i>Polymer Chemistry</i> , 2022, 13, 4054-4063.	1.9	5
11	Synthesis of poly(vinyl chloride)- <i>co</i> -poly(acrylic acid) by precipitation polymerization and its usage as CaCO ₃ modifier in rigid PVC composites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 557-566.	1.2	5
12	Preparation of a poly(PEGDA- <i>co</i> -GMA) thin hydrogel matrix for oligonucleotide microarray applications. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1902-1908.	1.6	8
13	UV-Assisted Li ⁺ -Catalyzed Radical Grafting Polymerization of Vinyl Ethers: A New Strategy for Creating Hydrolysis-Resistant and Long-Lived Polymer Brushes as a "Smart" Surface Coating. <i>Langmuir</i> , 2021, 37, 4102-4111.	1.6	7
14	Synthesis and Characterization of a Novel Kind of Water-Soluble Macromolecular Photoinitiators and Their Application for the Preparation of Water-Soluble Branched Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7755-7763.	1.8	5
15	Self-Stable Precipitation Polymerization Molecular Entanglement Effect and Molecular Weight Simulations and Experiments. <i>Polymers</i> , 2021, 13, 2243.	2.0	1
16	Water-Soluble Branched Polyacrylamides Prepared by UV-Initiated Polymerization Using a Novel Kind of Water-Soluble Macromolecular Photoinitiator. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12166-12174.	1.8	4
17	A novel hollow microsphere acting on crystallization, mechanical, and thermal performance of poly(3-hydroxybutyrate- <i>co</i> -4-hydroxybutyrate). <i>Polymer Crystallization</i> , 2021, 4, e10204.	0.5	2
18	A Versatile Strategy to Coat Individual Cell with Fully/Partially Covered Shell for Preparation of Self-Propelling Living Cells. <i>ACS Nano</i> , 2021, 15, 15920-15929.	7.3	12

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19	Core-Shell Fluorescent Polymeric Particles with Tunable White Light Emission Based on Aggregation Microenvironment Manipulation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25246-25251.	7.2	15
20	High performance low-k and wave-transparent cyanate ester resins modified with a novel bismaleimide hollow polymer microsphere. <i>Composites Part B: Engineering</i> , 2021, 222, 109041.	5.9	26
21	Highly Heat-Resistant Poly(bismaleimide-co-styrene) Microspheres Bearing Maleimide Functional Groups by Self-Stabilized Precipitation Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 783-792.	1.8	17
22	Fluorescence Self-Reporting Precipitation Polymerization Based on Aggregation-Induced Emission for Constructing Optical Nanoagents. <i>Angewandte Chemie</i> , 2020, 132, 10208-10214.	1.6	15
23	Fluorescence Self-Reporting Precipitation Polymerization Based on Aggregation-Induced Emission for Constructing Optical Nanoagents. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10122-10128.	7.2	47
24	Antibacterial hydrogel coating: Strategies in surface chemistry. <i>Advances in Colloid and Interface Science</i> , 2020, 285, 102280.	7.0	102
25	Preparation of Styrene-Maleic Anhydride-Acrylamide Terpolymer Particles of Uniform Size and Controlled Composition via Self-Stabilized Precipitation Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15087-15097.	1.8	21
26	Facile fabrication of shell crosslinked microcapsule by visible light induced graft polymerization for enzyme encapsulation. <i>Chemical Communications</i> , 2020, 56, 6862-6865.	2.2	5
27	Polythioethers with Controlled \pm End Groups Prepared by Visible Light Induced Thiol-Ene Click Polymerization of Dithiol and Divinyl Ether with 4-(N,N-diphenylamino)benzaldehyde as Organocatalyst. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900557.	1.1	5
28	Surface Engineering of Organic Polymers by Photo-Induced Free Radical Coupling with <i>p</i> -Dimethylaminophenyl Group as A Synthesis Block. <i>ChemistrySelect</i> , 2020, 5, 3365-3373.	0.7	2
29	The Application of a Novel Char Source From Petroleum Refining Waste in Flame Retardant Thermoplastic Polyurethane. <i>Polymer Engineering and Science</i> , 2020, 60, 1029-1034.	1.5	17
30	Enhanced dielectric properties of sandwich-structured biaxially oriented polypropylene by grafting hyperbranched aromatic polyamide as surface layers. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48990.	1.3	18
31	Effects of divinylbenzene-maleic anhydride copolymer hollow microspheres on crystallization behaviors, mechanical properties and heat resistance of poly(L-lactide acid). <i>Polymers for Advanced Technologies</i> , 2020, 31, 817-826.	1.6	10
32	Facile Surface Functionalization of Cyclic Olefin Copolymer Film with Anhydride Groups for Protein Microarray Fabrication. <i>ACS Applied Bio Materials</i> , 2020, 3, 3203-3209.	2.3	10
33	Aromatic thioetone-mediated radical polymerization of methacrylates and the preparation of amphiphilic <i>quasi</i> -block copolymers. <i>Polymer Chemistry</i> , 2020, 11, 3251-3259.	1.9	3
34	Anomalously Shaped Functional Particles Prepared by Thiol-Isocyanate Off-Stoichiometric Click Dispersion Polymerization. <i>Langmuir</i> , 2020, 36, 14417-14424.	1.6	2
35	Highly Transparent Cyclic Olefin Copolymer Film with a Nanotextured Surface Prepared by One-Step Photografting for High-Density DNA Immobilization. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28690-28698.	4.0	7
36	Layered Co-Immobilization of β -Glucosidase and Cellulase on Polymer Film by Visible-Light-Induced Graft Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44913-44921.	4.0	25

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37	Effect of neighboring groups on the pH responsive adsorption/desorption behaviors of carboxylate functionalized hollow polymer particles. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1404-1413.	2.5	3
38	Visible Light-Induced RAFT Polymerization of Methacrylate with 4-(N, N-diphenylamino)benzaldehyde as Organophotoredox Catalyst and the Effect of Temperature on the Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900022.	1.1	6
39	Controlled Radical Polymerization of Vinyl Chloride Mediated by Xanthene-9-Thione. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21864-21871.	1.8	5
40	Hydrothermal direct synthesis of polyaniline, graphene/polyaniline and N-doped graphene/polyaniline hydrogels for high performance flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9245-9256.	5.2	156
41	Charged End-Group Terminated Poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -poly(carboxylic azo) with Unusual Thermoresponsive Behaviors. <i>Macromolecules</i> , 2018, 51, 3290-3298.	2.2	27
42	Mechanically robust double-crosslinked network functionalized graphene/polyaniline stiff hydrogels for superior performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8568-8578.	5.2	74
43	Decorating an individual living cell with a shell of controllable thickness by cytocompatible surface initiated graft polymerization. <i>Chemical Communications</i> , 2018, 54, 4677-4680.	2.2	15
44	<i>In situ</i> synthesis of diblock copolymer nano-assemblies <i>via</i> dispersion RAFT polymerization induced self-assembly and Ag/copolymer composite nanoparticles thereof. <i>Polymer Chemistry</i> , 2018, 9, 1082-1094.	1.9	28
45	Preparation of toughened polypropylene- <i>g</i> -poly(butyl acrylate- <i>co</i> -acrylated castor oil) by suspension grafting polymerization. <i>Polymer Engineering and Science</i> , 2018, 58, 86-93.	1.5	4
46	A mild route to entrap papain into cross-linked PEG microparticles via visible light-induced inverse emulsion polymerization. <i>Journal of Materials Science</i> , 2018, 53, 880-891.	1.7	12
47	Visible light-induced RAFT polymerization of methacrylates with benzaldehyde derivatives as organophotoredox catalysts. <i>Journal of Polymer Science Part A</i> , 2018, 56, 229-236.	2.5	17
48	Immobilization of cellulase on styrene/maleic anhydride copolymer nanoparticles with improved stability against pH changes. <i>Chemical Engineering Journal</i> , 2018, 336, 152-159.	6.6	73
49	<i>In situ</i> synthesis of PAA- <i>b</i> -PSt nano-assemblies <i>via</i> dispersion RAFT polymerization: effects of PEG in the medium. <i>New Journal of Chemistry</i> , 2018, 42, 19353-19356.	1.4	6
50	Sequential co-immobilization of β -glucosidase and yeast cells on single polymer support for bioethanol production. <i>Science China Chemistry</i> , 2018, 61, 1600-1608.	4.2	4
51	Polymer Materials Research at CMSE. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1800683.	2.0	0
52	Synthesis and Properties of Non-isocyanate Crystallizable Aliphatic Thermoplastic Polyurethanes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 1275-1280.	0.4	3
53	Cytocompatible Fabrication of Yeast Cells/Fabrics Composite Sheet for Bioethanol Production. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800212.	2.0	2
54	Extremely High Glass Transition Temperature Hydrocarbon Polymers Prepared through Cationic Cyclization of Highly 3,4-Regulated Poly(Phenyl-1,3-Butadiene). <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800298.	2.0	12

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55	Visible-light induced RAFT polymerization of styrenic monomers with aromatic aldehydes as organophotoredox catalysts. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2072-2079.	2.5	11
56	Nacre-like laminate nitrogen-doped porous carbon/carbon nanotubes/graphene composite for excellent comprehensive performance supercapacitors. <i>Nanoscale</i> , 2018, 10, 15229-15237.	2.8	19
57	High-Performance Biomass-Based Flexible Solid-State Supercapacitor Constructed of Pressure-Sensitive Lignin-Based and Cellulose Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22190-22200.	4.0	141
58	Self-Stabilized Precipitation Polymerization and Its Application. <i>Research</i> , 2018, 2018, 9370490.	2.8	38
59	Combined chain- and step-growth dispersion polymerization toward PSt particles with soft, clickable patches. <i>Polymer Chemistry</i> , 2017, 8, 1404-1416.	1.9	15
60	Photoinduced controlled radical polymerization of methacrylates with benzaldehyde derivatives as organic catalysts. <i>Polymer Chemistry</i> , 2017, 8, 3574-3585.	1.9	31
61	Dual-Functionalized Hollow Polymer Particle as a pH-Responsive Adsorbent for Selective Removal of Basic Dye. <i>Chinese Journal of Chemistry</i> , 2017, 35, 596-604.	2.6	10
62	Separated Immobilization of Incompatible Enzymes on Polymer Substrate via Visible Light Induced Living Photografting Polymerization. <i>Langmuir</i> , 2017, 33, 5577-5584.	1.6	10
63	Investigation on terpolymer of ethylene/propylene/1-bromo-1-olefins catalyzed by titanium complexes. <i>Journal of Materials Science</i> , 2017, 52, 5981-5991.	1.7	6
64	Anionic polymerization of <i>p</i> -(2,2-diphenylethyl)styrene and applications to graft copolymers. <i>Designed Monomers and Polymers</i> , 2017, 20, 66-73.	0.7	0
65	A novel radical polymerization system initiated by a redox reaction with NHPI and xanthone. <i>Polymer Chemistry</i> , 2017, 8, 6356-6361.	1.9	6
66	Hexamethylphosphoramide as a highly reactive catalyst for the reversible-deactivation radical polymerization of MMA with an in situ formed alkyl iodide initiator. <i>Polymer Chemistry</i> , 2017, 8, 6073-6085.	1.9	14
67	High-Glass-Transition-Temperature Hydrocarbon Polymers Produced through Cationic Cyclization of Diene Polymers with Various Microstructures. <i>Macromolecules</i> , 2017, 50, 7498-7508.	2.2	18
68	Synthesis of hypergrafted poly[4-(N,N-diphenylamino)methylstyrene] through tandem anionic-radical polymerization of radical-inimer. <i>Designed Monomers and Polymers</i> , 2017, 20, 476-484.	0.7	2
69	Highly Active Copolymerization of Ethylene and N-Acetyl-O-(1-Alkenyl)-L-Tyrosine Ethyl Esters Catalyzed by Titanium Complex. <i>Polymers</i> , 2016, 8, 64.	2.0	2
70	Study on Hydrogen Sensitivity of Ziegler-Natta Catalysts with Novel Cycloalkoxy Silane Compounds as External Electron Donor. <i>Polymers</i> , 2016, 8, 433.	2.0	7
71	Visible light-induced thiol-ene reaction: A new strategy to prepare 1,2-ethiol and 1,2-divinyl telechelic polythioether oligomers. <i>Journal of Polymer Science Part A</i> , 2016, 54, 740-749.	2.5	16
72	Electroactive biopolymer/graphene hydrogels prepared for high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2016, 211, 941-949.	2.6	42

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73	Emulsion copolymerization of substituted acetylenes for constructing optically active helical polymer nanoparticles. Synergistic effects and helicity inversion. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1679-1685.	2.5	4
74	Stabilizer-free precipitation copolymerization of renewable bio-based ϵ -methylene- δ -butyrolactone and styrene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 484-491.	1.2	14
75	Mechanochromic Switches: A Supramolecule-Triggered Mechanochromic Switch of Cyclodextrin- β -Jacketed Rhodamine and Spiropyran Derivatives (<i>Adv. Funct. Mater.</i> 3/2016). <i>Advanced Functional Materials</i> , 2016, 26, 467-467.	7.8	0
76	Effective approach towards Si-bilayer-IDA modified CoFe ₂ O ₄ magnetic nanoparticles for high efficient protein separation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 468-474.	2.5	26
77	Net-Immobilization of β -glucosidase on Nonwoven Fabrics to Lower the Cost of α -Cellulosic Ethanol and Increase Cellulose Conversions. <i>Scientific Reports</i> , 2016, 6, 23437.	1.6	9
78	Preparation of morphology-controllable polyaniline and polyaniline/graphene hydrogels for high performance binder-free supercapacitor electrodes. <i>Journal of Power Sources</i> , 2016, 319, 73-81.	4.0	177
79	Super-adsorbent material based on functional polymer particles with a multilevel porous structure. <i>NPG Asia Materials</i> , 2016, 8, e301-e301.	3.8	98
80	Hierarchical PEG-Based 3D Patterns Grafting from Polymer Substrate by Surface Initiated Visible Light Photolithography. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1611-1617.	2.0	4
81	Tunable Morphology of Spiropyran Assemblies: From Nanospheres to Nanorods. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3102-3106.	1.7	19
82	Structure of functionalized nitrogen-doped graphene hydrogels derived from isomers of phenylenediamine and graphene oxide based on their high electrochemical performance. <i>Electrochimica Acta</i> , 2016, 212, 828-838.	2.6	38
83	A Cyanine Dye Encapsulated Porous Fibrous Mat for Naked-Eye Ammonia Sensing. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2316-2321.	1.7	20
84	Visible-light induced controlled radical polymerization of methacrylates with Cu(dap) ₂ Cl as a photoredox catalyst. <i>Polymer Chemistry</i> , 2016, 7, 4226-4236.	1.9	22
85	Ammonium-Functionalized Hollow Polymer Particles As a pH-Responsive Adsorbent for Selective Removal of Acid Dye. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16690-16698.	4.0	126
86	A Supramolecule-Triggered Mechanochromic Switch of Cyclodextrin- β -Jacketed Rhodamine and Spiropyran Derivatives. <i>Advanced Functional Materials</i> , 2016, 26, 353-364.	7.8	81
87	Development of an Amino Acid-Functionalized Fluorescent Nanocarrier to Deliver a Toxin to Kill Insect Pests. <i>Advanced Materials</i> , 2016, 28, 1375-1380.	11.1	63
88	Copolymers of Ethylene and Vinyl Amino Acidic Ester with High Molecular Weight Prepared by Non-metallocene Catalysts. <i>Catalysis Letters</i> , 2016, 146, 609-619.	1.4	6
89	Control of cross-linking and reactions in one-step dispersion polymerization toward particles with combined anisotropies. <i>Polymer Chemistry</i> , 2016, 7, 2728-2739.	1.9	16
90	Synthesis and properties of non-isocyanate thermoplastic polyurethanes containing dibutylene terephthalate units. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	3

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91	Fluorescent supramolecular micelles for imaging-guided cancer therapy. <i>Nanoscale</i> , 2016, 8, 5302-5312.	2.8	32
92	Flexible /PET/batio₃/ layerâ€‘layer composite film with enhanced dielectric properties fabricated by highly loaded /batio₃/ coating with acrylic resin as binder. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	3
93	Optically active helical polymers with pendent thiourea groups: Chiral organocatalyst for asymmetric michael addition reaction. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1816-1823.	2.5	20
94	(Co)polymerization of ethylene via nonmetallocene catalysts with diphenyl phosphoroso schiffâ€‘base ligand. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	2
95	A novel polymer chain growing mode and styrene copolymer prepared with low molecular weight copolymer of Î±â€‘methylstyrene and styrene as macroinitiator. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	1
96	Copolymerization of Ethylene and Vinyl Amino Acidic Ester Catalyzed by Titanium and Zirconium Complexes. <i>Catalysts</i> , 2015, 5, 1831-1845.	1.6	5
97	Molecular Size, Shape, and Electric Charges: Essential for Perylene Bisimide-Based DNA Intercalator to Localize in Cell Nuclei and Inhibit Cancer Cell Growth. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9784-9791.	4.0	28
98	Influences for preparation of PMMA-b-PtBA block copolymer mediated by DPE-containing macroinitiator. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	3
99	Facile synthesis of core-shell, multiple compartment anisotropic particles via control of cross-linking and continuous phase separations in one-pot dispersion polymerization. <i>Colloid and Polymer Science</i> , 2015, 293, 523-532.	1.0	9
100	Facile synthesis of coreâ€‘shell/hollow anisotropic particles via control of cross-linking during one-pot dispersion polymerization. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 268-276.	5.0	16
101	Direct One-Pot Synthesis of Chemically Anisotropic Particles with Tunable Morphology, Dimensions, and Surface Roughness. <i>Langmuir</i> , 2015, 31, 925-936.	1.6	19
102	Aliphatic thermoplastic polyurethane-ureas and polyureas synthesized through a non-isocyanate route. <i>RSC Advances</i> , 2015, 5, 6843-6852.	1.7	36
103	Preparation of coreâ€‘shell particles by surface-initiated cycloketyl radical mediated living polymerization. <i>Polymer Chemistry</i> , 2015, 6, 6664-6670.	1.9	8
104	A supramolecular nanovehicle toward systematic, targeted cancer and tumor therapy. <i>Chemical Science</i> , 2015, 6, 5511-5518.	3.7	26
105	Visible Light-Controlled Radical Polymerization of Propargyl Methacrylate Activated by a Photoredox Catalyst<i>fac</i>-[Ir(ppy)₃]. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 761-769.	1.2	17
106	A General Strategy for Nanohybrids Synthesis via Coupled Competitive Reactions Controlled in a Hybrid Process. <i>Scientific Reports</i> , 2015, 5, 9189.	1.6	31
107	A Light-Triggered Switch Based on Spiropyran/Layered Double Hydroxide Ultrathin Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7428-7435.	1.5	16
108	Chiral, fluorescent microparticles constructed by optically active helical substituted polyacetylene: preparation and enantioselective recognition ability. <i>RSC Advances</i> , 2015, 5, 26236-26245.	1.7	18

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109	New Chemistries and Technologies Derived from a Common Reaction of \hat{I}^{\pm} -Methylstyrene at 61 \hat{A}° C. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 490-502.	0.9	2
110	Spiropyran-induced one-dimensional cyclodextrin microcrystals with light-driven fluorescence change. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8519-8525.	2.7	32
111	Polymerization Mechanism in the Presence of 1,1-Diphenylethylene Part 2: Synthesis and Characterization of PMA and PSt. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2202-2210.	1.1	4
112	Multiple levels hydrophobic modification of polymeric substrates by UV \hat{A} -grafting polymerization with TFEMA as monomer. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1059-1067.	2.5	15
113	Chemoselective Phototransformation of C \hat{I} H Bonds on a Polymer Surface through a Photoinduced Cerium Recycling Redox Reaction. <i>Chemistry - A European Journal</i> , 2014, 20, 11421-11427.	1.7	3
114	Optically active helical polyacetylene/Fe ₃ O ₄ composite microspheres: prepared by precipitation polymerization and used for enantioselective crystallization. <i>RSC Advances</i> , 2014, 4, 63611-63619.	1.7	22
115	Preparation of PMMA- <i>b</i> -PSt Block Copolymer via Seeded Emulsion Polymerization in the Presence of 1,1-Diphenylethylene. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 555-563.	0.9	4
116	A Mild Strategy To Encapsulate Enzyme into Hydrogel Layer Grafted on Polymeric Substrate. <i>Langmuir</i> , 2014, 30, 15229-15237.	1.6	32
117	Visible-Light-Induced Controlled Polymerization of Hydrophilic Monomers with Ir(ppy) ₃ as a Photoredox Catalyst in Anisole. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1012-1021.	1.1	32
118	Visible light-induced controlled radical polymerization of methacrylates with perfluoroalkyl iodide as the initiator in conjugation with a photoredox catalyst <i>ir(ppy)₃</i> . <i>Journal of Polymer Science Part A</i> , 2014, 52, 3283-3291.	2.5	30
119	Radical polymerization of methyl methacrylate with ethane-1,1,2-triyltribenzene as an initiator and ethane-1,1,2-triyltribenzene-end polymers as macroinitiators. <i>Colloid and Polymer Science</i> , 2014, 292, 257-265.	1.0	4
120	Hydroxylation of Organic Polymer Surface: Method and Application. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3759-3770.	4.0	42
121	A Facile Visible-Light-Induced Route to Functionalize Polymeric Substrates by Combining Controlled Radical Grafting Polymerization and Thiol \hat{Y} ne Click Chemistry with Photoredox Catalyst Ir(ppy) ₃ . <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1378-1387.	1.1	18
122	Reversible-deactivation radical polymerization of chloroprene and the synthesis of novel polychloroprene-based block copolymers by the RAFT approach. <i>RSC Advances</i> , 2014, 4, 55529-55538.	1.7	14
123	Radical Polymerization of TFEMA and Relationship Between Surface Hydrophobicity and Molecular Weight of Poly-TFEMA. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 263-270.	1.2	4
124	A multifunctional perylenediimide derivative (DTPDI) can be used as a recyclable specific Hg ²⁺ ion sensor and an efficient DNA delivery carrier. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2093-2096.	2.9	71
125	An extremely simple method for fabricating 3D protein microarrays with an anti-fouling background and high protein capacity. <i>Lab on A Chip</i> , 2014, 14, 2505-2514.	3.1	21
126	Spatiotemporal-resolved nanoparticle synthesis via simple programmed microfluidic processes. <i>RSC Advances</i> , 2014, 4, 34179.	1.7	33

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127	Facile Synthesis of Fluorescent Silica-Doped Polyvinylpyrrolidone Composites: From Cross-Linked Composite Film to Core-Shell Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 2872-2877.	1.8	2
128	Nucleophilic Substitution of Tetrachloroperylene Diimide in Fluorescent Polyvinylpyrrolidone Film. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 493-498.	1.1	5
129	Poly(divinylbenzene- <i>co</i> -maleic anhydride) nanoparticles as a novel stabilizer for Pickering polymerization of styrene. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2894-2898.	2.5	10
130	Crystallizable and tough aliphatic thermoplastic poly(ether urethane)s synthesized through a non-isocyanate route. <i>RSC Advances</i> , 2014, 4, 43406-43414.	1.7	42
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