

Jinying Yuan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

5,866
citations

41
h-index

74
g-index

120
ext. papers

6,541
ext. citations

6.2
avg, IF

6.09
L-index

#	Paper	IF	Citations
118	Voltage-responsive vesicles based on orthogonal assembly of two homopolymers. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9268-70	16.4	467
117	Redox-responsive polymers for drug delivery: from molecular design to applications. <i>Polymer Chemistry</i> , 2014 , 5, 1519-1528	4.9	419
116	CO ₂ -responsive polymeric vesicles that breathe. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4923-7	16.4	261
115	Schiff's base as a stimuli-responsive linker in polymer chemistry. <i>Polymer Chemistry</i> , 2012 , 3, 3045	4.9	250
114	CO ₂ -Responsive Nanofibrous Membranes with Switchable Oil/Water Wettability. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8934-8	16.4	232
113	Highly Efficient Self-Healable and Dual Responsive Cellulose-Based Hydrogels for Controlled Release and 3D Cell Culture. <i>Advanced Functional Materials</i> , 2017 , 27, 1703174	15.6	228
112	Osmotic Power Generation with Positively and Negatively Charged 2D Nanofluidic Membrane Pairs. <i>Advanced Functional Materials</i> , 2017 , 27, 1603623	15.6	209
111	Synthesis of cellulose-graft-poly(N,N-dimethylamino-2-ethyl methacrylate) copolymers via homogeneous ATRP and their aggregates in aqueous media. <i>Biomacromolecules</i> , 2008 , 9, 2615-20	6.9	176
110	Breathing polymersomes: CO ₂ -tuning membrane permeability for size-selective release, separation, and reaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5070-3	16.4	172
109	Graft copolymers prepared by atom transfer radical polymerization (ATRP) from cellulose. <i>Polymer</i> , 2009 , 50, 447-454	3.9	160
108	Core-shell structural iron oxide hybrid nanoparticles: from controlled synthesis to biomedical applications. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2823-2840		127
107	Light-controlled smart nanotubes based on the orthogonal assembly of two homopolymers. <i>Chemical Communications</i> , 2011 , 47, 9594-6	5.8	124
106	β-Cyclodextrin-modified hybrid magnetic nanoparticles for catalysis and adsorption. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3704		119
105	A CO ₂ - and temperature-switchable "schizophrenic" block copolymer: from vesicles to micelles. <i>Chemical Communications</i> , 2014 , 50, 8958-61	5.8	103
104	Smart nanocontainers: progress on novel stimuli-responsive polymer vesicles. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 767-79	4.8	101
103	Ferrocene-based supramolecular structures and their applications in electrochemical responsive systems. <i>Chemical Communications</i> , 2014 , 50, 13005-14	5.8	98
102	Direct Synthesis of Polymer Nanotubes by Aqueous Dispersion Polymerization of a Cyclodextrin/Styrene Complex. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16541-16545	16.4	93

101	Polymer Assemblies with Nanostructure-Correlated Aggregation-Induced Emission. <i>Macromolecules</i> , 2017 , 50, 1126-1133	5.5	87
100	Preparation of double-responsive SiO ₂ -g-PDMAEMA nanoparticles via ATRP. <i>Materials Letters</i> , 2008 , 62, 1372-1375	3.3	86
99	Redox-switchable supramolecular polymers for responsive self-healing nanofibers in water. <i>Polymer Chemistry</i> , 2013 , 4, 1216-1220	4.9	81
98	Polymeric Nanocarriers Based on Cyclodextrins for Drug Delivery: Host-Guest Interaction as Stimuli Responsive Linker. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2475-2486	5.6	80
97	CO-Responsive Cellulose Nanofibers Aerogels for Switchable Oil-Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9367-9373	9.5	78
96	Amphiphilic fluorescent copolymers via one-pot combination of chemoenzymatic transesterification and RAFT polymerization: synthesis, self-assembly and cell imaging. <i>Polymer Chemistry</i> , 2015 , 6, 607-612	4.9	77
95	Electrochemical redox responsive supramolecular self-healing hydrogels based on host-guest interaction. <i>Polymer Chemistry</i> , 2015 , 6, 3652-3659	4.9	75
94	Dual-sensing porphyrin-containing copolymer nanosensor as full-spectrum colorimeter and ultra-sensitive thermometer. <i>Chemical Communications</i> , 2010 , 46, 2781-3	5.8	72
93	Voltage-responsive micelles based on the assembly of two biocompatible homopolymers. <i>Polymer Chemistry</i> , 2014 , 5, 1751-1759	4.9	71
92	Morphology Evolution of Polymeric Assemblies Regulated with Fluoro-Containing Mesogen in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2017 , 50, 8192-8201	5.5	70
91	Tailoring the Multicompartment Nanostructures of Fluoro-Containing ABC Triblock Terpolymer Assemblies via Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2017 , 50, 8212-8220	5.5	69
90	Photoinduced Reversible Worm-to-Vesicle Transformation of Azo-Containing Block Copolymer Assemblies Prepared by Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2018 , 51, 3308-3314	5.5	65
89	CO ₂ -Responsive Polymeric Vesicles that Breathe. <i>Angewandte Chemie</i> , 2011 , 123, 5025-5029	3.6	59
88	Linear arrangements of polypyrrole microcontainers. <i>Chemical Communications</i> , 2004 , 994-5	5.8	58
87	Synthesis, characterization, and fluorescence of pyrene-containing eight-arm star-shaped dendrimer-like copolymer with pentaerythritol core. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 2788-2798	2.5	57
86	CO ₂ -Responsive Nanofibrous Membranes with Switchable Oil/Water Wettability. <i>Angewandte Chemie</i> , 2015 , 127, 9062-9066	3.6	54
85	Copolymer logical switches adjusted through core-shell micelles: from temperature response to fluorescence response. <i>Chemical Communications</i> , 2008 , 6188-90	5.8	53
84	Electrochemical Stimulated Pickering Emulsion for Recycling of Enzyme in Biocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29203-29207	9.5	49

83	Visible light-responsive micelles formed from dialkoxyanthracene-containing block copolymers. <i>Chemical Communications</i> , 2012 , 48, 1913-5	5.8	49
82	Hybrid nanoparticles with CO-responsive shells and fluorescence-labelled magnetic cores. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 437-442	7.3	44
81	Entangled Azobenzene-Containing Polymers with Photoinduced Reversible Solid-to-Liquid Transitions for Healable and Reprocessable Photoactuators. <i>Advanced Functional Materials</i> , 2020 , 30, 1906752	15.6	43
80	Cellulosic sponges with pH responsive wettability for efficient oil-water separation. <i>Carbohydrate Polymers</i> , 2020 , 237, 116133	10.3	41
79	One-pot synthesis and biological imaging application of an amphiphilic fluorescent copolymer via a combination of RAFT polymerization and Schiff base reaction. <i>Polymer Chemistry</i> , 2015 , 6, 2133-2138	4.9	41
78	Electrospinning of Cellulose-Based Fibers From NaOH/Urea Aqueous System. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 695-700	3.9	41
77	Controlling Vesicular Size via Topological Engineering of Amphiphilic Polymer in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2017 , 50, 9750-9759	5.5	37
76	Synthesis, characterization, and thermal properties of dendrimer-star, block-comb copolymers by ring-opening polymerization and atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6575-6586	2.5	37
75	CO ₂ -switchable drug release from magneto-polymeric nanohybrids. <i>Polymer Chemistry</i> , 2015 , 6, 2319-2326	4.9	36
74	Fabrication of thermo-responsive hydrogels from star-shaped copolymer with a biocompatible Cyclodextrin core. <i>Polymer</i> , 2012 , 53, 3719-3725	3.9	36
73	Synthesis of pH- and temperature-responsive chitosan-graft-poly[2-(N,N-dimethylamino) ethyl methacrylate] copolymer and gold nanoparticle stabilization by its micelles. <i>Polymer International</i> , 2011 , 60, 194-201	3.3	36
72	Topological engineering of amphiphilic copolymers via RAFT dispersion copolymerization of benzyl methacrylate and 2-(perfluorooctyl)ethyl methacrylate for polymeric assemblies with tunable nanostructures. <i>Polymer Chemistry</i> , 2018 , 9, 912-919	4.9	33
71	Semi-Fluorinated Methacrylates: A Class of Versatile Monomers for Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700840	4.8	31
70	Nonspherical Liquid Crystalline Assemblies with Programmable Shape Transformation. <i>ACS Macro Letters</i> , 2018 , 7, 956-961	6.6	30
69	Fabrication of gold nanocrystal-coated polypyrrole nanotubules. <i>Journal of Materials Chemistry</i> , 2005 , 15, 859		30
68	Schiff base interaction tuned mesoporous organosilica nanoplatfoms with pH-responsive degradability for efficient anti-cancer drug delivery in vivo. <i>Chemical Communications</i> , 2018 , 54, 9190-9193	5.8	28
67	Synthesis of amphiphilic fluorescent polymers via a one-pot combination of multicomponent Hantzsch reaction and RAFT polymerization and their cell imaging applications. <i>Polymer Chemistry</i> , 2017 , 8, 4805-4810	4.9	28
66	Dynamic supramacromolecular self-assembly: deformable polymer fabricated nanostructures through a host-controlled approach. <i>Polymer Chemistry</i> , 2010 , 1, 423-425	4.9	28

65	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8923-8931	16.4	26
64	Magnetic nanoparticles for the affinity adsorption of maltose binding protein (MBP) fusion enzymes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 6813		25
63	Star amphiphilic supramolecular copolymer based on host-guest interaction for electrochemical controlled drug delivery. <i>Polymer</i> , 2016 , 88, 112-122	3.9	23
62	CO ₂ -breathing and piercing polymersomes as tunable and reversible nanocarriers. <i>Scientific Reports</i> , 2016 , 6, 23624	4.9	22
61	Synthesis of amphiphilic fluorescent PEGylated AIE nanoparticles via RAFT polymerization and their cell imaging applications. <i>RSC Advances</i> , 2015 , 5, 89472-89477	3.7	19
60	Synthesis, characterization, and in vitro degradation of star-shaped P(Eaprolactone)-b-poly(L-lactide)-b-poly(D,L-lactide-co-glycolide) from hexakis [p-(hydroxymethyl)phenoxy]cyclotriphosphazene initiator. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 2310-2317	2.9	18
59	CO ₂ -Stimulated morphology transition of ABC miktoarm star terpolymer assemblies. <i>Polymer Chemistry</i> , 2017 , 8, 2833-2840	4.9	17
58	Synthesis of AB -type colloidal molecules by polymerization-induced particle-assembly (PIPA). <i>Chemical Science</i> , 2020 , 11, 2855-2860	9.4	17
57	CO -Breathing Polymer Assemblies via One-Pot Sequential RAFT Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800291	4.8	17
56	Direct affinity immobilization of recombinant heparinase I fused to maltose binding protein on maltose-coated magnetic nanoparticles. <i>Biochemical Engineering Journal</i> , 2014 , 90, 170-177	4.2	17
55	Enamine Approach for Versatile and Reversible Functionalization on Cellulose Related Porous Sponges. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9028-9036	8.3	17
54	Synthesis and self-assembly of CO ₂ -responsive dendronized triblock copolymers. <i>Polymer Chemistry</i> , 2015 , 6, 7427-7435	4.9	16
53	Direct electrochemical generation of conducting polymer microcontainers on silicon substrate. <i>Polymer International</i> , 2004 , 53, 2125-2129	3.3	16
52	An Adaptable Cryptosystem Enabled by Synergies of Luminogens with Aggregation-Induced-Emission Character. <i>Advanced Materials</i> , 2020 , 32, e2004616	24	16
51	Tailoring the droplet size of Pickering emulsions by PISA synthesized polymeric nanoparticles. <i>Polymer</i> , 2020 , 206, 122853	3.9	15
50	Biginelli reaction on cellulose acetoacetate: a new approach for versatile cellulose derivatives. <i>Carbohydrate Polymers</i> , 2019 , 209, 223-229	10.3	15
49	Electrochemically-responsive magnetic nanoparticles for reversible protein adsorption. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4009-4016	7.3	14
48	Multifunctional Organic Fluorescent Probe with Aggregation-Induced Emission Characteristics: Ultrafast Tumor Monitoring, Two-Photon Imaging, and Image-Guide Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7987-7996	9.5	14

47	A polymerizable aggregation-induced emission dye for fluorescent nanoparticles: synthesis, molecular structure and application in cell imaging. <i>Polymer Chemistry</i> , 2019 , 10, 2162-2169	4.9	13
46	Electrochemical Redox Switchable Dispersion of Single-Walled Carbon Nanotubes in Water. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11024-30	9.5	13
45	Non-thermally initiated RAFT polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2021 , 12, 3220-3232	4.9	13
44	Polymerization-induced self-assembly of liquid crystalline ABC triblock copolymers with long solvophilic chains. <i>Polymer Chemistry</i> , 2018 , 9, 3944-3951	4.9	13
43	Fabrication of amphiphilic fluorescent polylysine nanoparticles by atom transfer radical polymerization (ATRP) and their application in cell imaging. <i>RSC Advances</i> , 2015 , 5, 65884-65889	3.7	12
42	Carnosine-Modified Fullerene as a Highly Enhanced ROS Scavenger for Mitigating Acute Oxidative Stress. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16104-16113	9.5	12
41	Multifunctional hybrid magnetite nanoparticles with pH-responsivity, superparamagnetism and fluorescence. <i>Polymer International</i> , 2011 , 60, 1303-1308	3.3	12
40	Synthesis and direct assembly of linear/dendritic copolymers via CuAAC click polymerization-induced self-assembly (CPISA). <i>Polymer Chemistry</i> , 2020 , 11, 936-943	4.9	12
39	Cyclodextrin-based polymeric nano-receptor: the self-assembly of cyclodextrin-appended comb-copolymer. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 255-261	3.2	11
38	Direct Synthesis of Polymer Nanotubes by Aqueous Dispersion Polymerization of a Cyclodextrin/Styrene Complex. <i>Angewandte Chemie</i> , 2017 , 129, 16768-16772	3.6	10
37	Overcoming Kinetic Trapping for Morphology Evolution during Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900202	4.8	10
36	Amphiphilic fluorescent copolymers via one-pot synthesis of RAFT polymerization and multicomponent Biginelli reaction and their cells imaging applications. <i>Journal of Materials Research</i> , 2019 , 34, 3011-3019	2.5	10
35	Electrospun Sandwich-Structure Composite Membranes for Wound Dressing Scaffolds with High Antioxidant and Antibacterial Activity. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700270	3.9	10
34	Stimuli-Responsive Polymer Networks with Cyclodextrin and Ferrocene Reversible Linkage Based on Linker Chemistry. <i>Macromolecular Symposia</i> , 2013 , 329, 66-69	0.8	10
33	Multidimensional Information Encryption and Storage: When the Input Is Light. <i>Research</i> , 2021 , 2021, 7897849	7.8	10
32	Synthesis of Air-Stable Cyclopentadienyl Fe(CO) (Fp) Polymers by a Host-Guest Interaction of Cyclodextrin with Air-Sensitive Fp Pendant Groups. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6246-6250	16.4	8
31	An acrylate AIE-active dye with a two-photon fluorescent switch for fluorescent nanoparticles by RAFT polymerization: synthesis, molecular structure and application in cell imaging.. <i>RSC Advances</i> , 2020 , 10, 5704-5711	3.7	8
30	Synthesis and characterization of thermo-sensitive magnetite-Au nanocomposites. <i>Materials Letters</i> , 2012 , 78, 166-169	3.3	8

29	Solid Emulsion-Gas-Switchable Latex System with Reversible Coagulability and Redispersibility. <i>Advanced Sustainable Systems</i> , 2017 , 1, 1700051	5.9	8
28	Optically Active Polymer Via One-Pot Combination of Chemoenzymatic Transesterification and RAFT Polymerization: Synthesis and Its Application in Hybrid Silica Particles. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1483-1489	2.6	8
27	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie</i> , 2021 , 133, 9005-9013	3.6	8
26	Cellulose-based hydrogels regulated by supramolecular chemistry. <i>SusMat</i> , 2021 , 1, 266-284		8
25	Synthesis of amphiphilic fluorescent copolymers with smart pH sensitivity via RAFT polymerization and their application in cell imaging. <i>Polymer Bulletin</i> , 2017 , 74, 4525-4536	2.4	7
24	Breathing catalyst-supports: CO ₂ adjustable and magnetic recyclable "smart" hybrid nanoparticles. <i>RSC Advances</i> , 2016 , 6, 97030-97035	3.7	7
23	Study of structure-performance relationships of polymeric dispersants on particle dispersion and stabilisation. <i>RSC Advances</i> , 2017 , 7, 2513-2519	3.7	5
22	CO ₂ -responsive bowl-shaped polymersomes. <i>Macromolecular Research</i> , 2017 , 25, 635-639	1.9	5
21	Cylindrical PCL brushes on the surface of lanthanum hydroxide nanowires by ring-opening polymerization. <i>Science Bulletin</i> , 2010 , 55, 1376-1381		5
20	Recent advances in electrospinning supramolecular systems. <i>Journal of Materials Chemistry B</i> , 2021 ,	7.3	5
19	A novel AIE-active dye for fluorescent nanoparticles by one-pot combination of Hantzsch reaction and RAFT polymerization: synthesis, molecular structure and application in cell imaging.. <i>RSC Advances</i> , 2019 , 9, 32601-32607	3.7	5
18	Advances in enzyme-catalysis-mediated RAFT polymerization. <i>Cell Reports Physical Science</i> , 2021 , 1004876.1	7.1	5
17	Chain-Conformation-Directed Polymerization Cyclization for Effective Synthesis of Macrocycles in Bulk. <i>Chemistry - A European Journal</i> , 2018 , 24, 15380-15386	4.8	4
16	Formation and Photoluminescence of Fluorescent Polymers. <i>International Journal of Polymer Science</i> , 2010 , 2010, 1-2	2.4	4
15	Amphiphilic AIE-active copolymers with optical activity by chemoenzymatic transesterification and RAFT polymerization: Synthesis, self-assembly and biological imaging. <i>Dyes and Pigments</i> , 2021 , 184, 108829	4.6	4
14	Multifunctional Fluorescent Magnetic Nanoparticles: Synthesis, Characterization and Targeted Cell Imaging Applications. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 977-983	4.9	3
13	Polymeric nanostructures based on azobenzene and their biomedical applications: synthesis, self-assembly and stimuli-responsiveness.. <i>Organic and Biomolecular Chemistry</i> , 2021 ,	3.9	3
12	observation of heterogeneous catalytic organic reactions aggregation-induced emission luminogens.. <i>Chemical Communications</i> , 2022 ,	5.8	3

11	Ultrastable Near-Infrared Aggregation-Induced Emission Nanoparticles as a Fluorescent Probe: Long-Term Tumor Monitoring and Lipid Droplet Tracking. <i>CCS Chemistry</i> , 2021 , 3, 1569-1606	7.2	3
10	Enzymatic graft polymerization from cellulose acetoacetate: a versatile strategy for cellulose functionalization. <i>Cellulose</i> , 2021 , 28, 691-701	5.5	3
9	Renewable boronic acid affiliated glycerol nano-adsorbents for recycling enzymatic catalyst in biodiesel fuel production. <i>Chemical Communications</i> , 2018 , 54, 12475-12478	5.8	3
8	Effect of solvophilic chain length in PISA particles on Pickering emulsion. <i>Chinese Journal of Chemistry</i> ,	4.9	3
7	Host-guest complexation modulated aqueous polymerization-induced self-assembly for monodisperse hierarchical nanoflowers. <i>Chemical Communications</i> , 2021 ,	5.8	2
6	Excitation wavelength as additional dimension in cross-reactive sensor arrays. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130183	8.5	2
5	A polymerizable Aggregation Induced Emission (AIE)-active dye with remarkable pH fluorescence switching based on benzothiazole and its application in biological imaging. <i>Dyes and Pigments</i> , 2021 , 196, 109793	4.6	2
4	Synthesis of Air-Stable Cyclopentadienyl Fe(CO) ₂ (Fp) Polymers by a Host-Guest Interaction of Cyclodextrin with Air-Sensitive Fp Pendant Groups. <i>Angewandte Chemie</i> , 2017 , 129, 6342-6346	3.6	1
3	In Situ Visualization of Reversible Diels-Alder Reactions with Self-Reporting Aggregation-Induced Emission Luminogens.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 3485-3495	9.5	1
2	Gas-Responsive Self-Assemblies for Mimicking the Alveoli. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100019	4.8	1
1	Stimuli-responsive Pickering emulsions regulated via polymerization-induced self-assembly nanoparticles.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200010	4.8	0