Ji Young Chang

List of Publications by Year
in descending order

65	1,241	304743	395702
papers	citations	22 h-index	33 g-index

66	66	66	1682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CdSe quantum dot-encapsulated molecularly imprinted mesoporous silica particles for fluorescent sensing of bisphenol A. Journal of Materials Chemistry, 2012, 22, 24075.	6.7	89
2	Preparation of Microporous Polymers Based on 1,3,5â€Triazine Units Showing High CO₂ Adsorption Capacity. Macromolecular Chemistry and Physics, 2012, 213, 1385-1390.	2.2	73
3	Preparation of Clickable Microporous Hydrocarbon Particles Based on Adamantane. Macromolecules, 2010, 43, 6943-6945.	4.8	63
4	Organogels from 1H-Imidazole Amphiphiles:Â Entrapment of a Hydrophilic Drug into Strands of the Self-Assembled Amphiphiles. Chemistry of Materials, 2005, 17, 3249-3254.	6.7	61
5	Preparation of a Sulfur-Functionalized Microporous Polymer Sponge and In Situ Growth of Silver Nanoparticles: A Compressible Monolithic Catalyst. ACS Applied Materials & Interfaces, 2017, 9, 38081-38088.	8.0	57
6	Compressible and monolithic microporous polymer sponges prepared via one-pot synthesis. Scientific Reports, 2015, 5, 15957.	3.3	44
7	Synthesis of microporous polymers by Friedelâ€“Crafts reaction of 1-bromoadamantane with aromatic compounds and their surface modification. Polymer Chemistry, 2012, 3, 868.	3.9	38
8	A hierarchically porous catalytic monolith prepared from a Pickering high internal phase emulsion stabilized by microporous organic polymer particles. Chemical Engineering Journal, 2020, 381, 122767.	12.7	38
9	Designing Internal Hierarchical Porous Networks in Polymer Monoliths that Exhibit Rapid Removal and Photocatalytic Degradation of Aromatic Pollutants. Small, 2020, 16, e1907555.	10.0	35
10	Preparation of a compressible and hierarchically porous polyimide sponge via the solâ€“gel process of an aliphatic tetracarboxylic dianhydride and an aromatic triamine. Chemical Communications, 2016, 52, 10419-10422.	4.1	34
11	Homogenized electrospun nanofiber reinforced microporous polymer sponge. Chemical Engineering Journal, 2016, 306, 242-250.	12.7	32
12	Polymers for Luminescent Sensing Applications. Macromolecular Chemistry and Physics, 2014, 215, 1274-1285.	2.2	31
13	White light emission from a mixed organogel of lanthanide(<scp>iii</scp>)-containing organogelators. RSC Advances, 2013, 3, 1774-1780.	3.6	30
14	Pickering Emulsion Stabilized by Microporous Organic Polymer Particles for the Fabrication of a Hierarchically Porous Monolith. Langmuir, 2018, 34, 11843-11849.	3.5	29
15	Supramolecular discotic liquid crystals from wedge-shaped diacetylenes and their polymerization. Journal of Polymer Science Part A, 2003, 41, 1881-1891.	2.3	28
16	Embedding Nanofibers in a Polymer Matrix by Polymerization of Organogels Comprising Heterobifunctional Organogelators and Monomeric Solvents. Chemistry of Materials, 2008, 20, 5532-5540.	6.7	26
17	Constitutional isomers of a C₃-symmetric molecule showing different piezochromic behaviours: onâ€“off switching and colour tuning. Journal of Materials Chemistry C, 2014, 2, 5963-5968.	5.5	26
18	Lyotropic columnar liquid crystals based on polycatenar 1H-imidazole amphiphiles and their assembly into bundles at the surface of silicon. Soft Matter, 2006, 2, 886.	2.7	24

#	Article	IF	Citations
19	Synthesis and photopolymerization of photoreactive mesogens based on chalcone. Macromolecular Research, 2007, 15, 74-81.	2.4	24
20	Poly(4-vinylbenzoyl azide): A New Isocyanato Group Generating Polymer. Macromolecular Rapid Communications, 2007, 28, 718-724.	3.9	23
21	Rapid Accessible Fabrication and Engineering of Bilayered Hydrogels: Revisiting the Cross-Linking Effect on Superabsorbent Poly(acrylic acid). ACS Omega, 2018, 3, 3096-3103.	3.5	23
22	Preparation of discotic metallomesogens based on phenacylpyridines showing room temperature columnar phases. Liquid Crystals, 2009, 37, 85-92.	2.2	22
23	Preparation of Polymeric SWNTâ^'Liquid Crystal Composites Using a Polymerizable Surfactant. Macromolecules, 2010, 43, 5376-5381.	4.8	22
24	Selective De-Cross-Linking of Transformable, Double-Network Hydrogels: Preparation, Structural Conversion, and Controlled Release. ACS Applied Materials & Interfaces, 2018, 10, 42985-42991.	8.0	22
25	Thermally stable and flame retardant low dielectric polymers based on cyclotriphosphazenes. Journal of Materials Chemistry, 2010, 20, 749-754.	6.7	21
26	Rodlike mesogenic molecules consisting of two diacetylenic groups: mesomorphic behavior and photoimaging. Journal of Materials Chemistry, 2003, 13, 986-990.	6.7	20
27	Preparation of multifunctional mesoporous silica particles: the use of an amphiphilic silica precursor with latent amine functionality in selective functionalization of the inner surface. Journal of Materials Chemistry, 2011, 21, 8766.	6.7	20
28	Preparation of a molecularly imprinted polymer containing Europium(III) ions for luminescent sensing. Journal of Polymer Science Part A, 2012, 50, 4990-4994.	2.3	20
29	Fabrication of a conjugated microporous polymer membrane and its application for membrane catalysis. Scientific Reports, 2017, 7, 13568.	3.3	18
30	A Cobalt Tandem Catalyst Supported on a Compressible Microporous Polymer Monolith. ACS Omega, 2018, 3, 8745-8751.	3.5	18
31	Synthesis of a palladium acetylide-based tubular microporous polymer monolith via a self-template approach: a potential precursor of supported palladium nanoparticles for heterogeneous catalysis. RSC Advances, 2018, 8, 25277-25282.	3.6	16
32	Photoimaging through in-Situ Photopolymerization of Heterobifunctional Mesogenic Compounds in Liquid Crystalline State. Macromolecules, 2007, 40, 8349-8354.	4.8	15
33	Molecular imprinting into organogel nanofibers. Soft Matter, 2011, 7, 4160.	2.7	13
34	Preparation of a Yb(III)-Incorporated porous polymer by post-Coordination: Enhancement of gas adsorption and catalytic activity. Journal of Polymer Science Part A, 2013, 51, 5291-5297.	2.3	13
35	A hierarchically porous polyimide composite prepared by one-step condensation reaction inside a sponge for heterogeneous catalysis. Macromolecular Research, 2017, 25, 629-634.	2.4	13
36	Use of an Aromatic Polyimide as a Non-Cross-Linked Molecular Imprinting Material. Macromolecules, 2004, 37, 6-8.	4.8	12

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37	Synthesis of poly(ethylene glycol)/polypeptide/poly(<scp>D</scp>,<scp>L</scp>â€lactide) copolymers and their nanoparticles. Journal of Polymer Science Part A, 2011, 49, 2859-2865.	2.3	11
38	Preparation of mesoporous silica particles with carbon-coated pore walls: selective grafting of polyacrylonitrile onto the inner surface of a mesoporous silica particle and carbonization. Journal of Materials Chemistry, 2012, 22, 20713.	6.7	11
39	Synthesis and characterization of a polymethacrylate containing photoreactive abietic acid moiety. Macromolecular Research, 2005, 13, 545-548.	2.4	10
40	Dispersion of Single-Walled Carbon Nanotubes in Water with Polyphosphazene Polyelectrolyte. Journal of Inorganic and Organometallic Polymers and Materials, 2007, 16, 359-364.	3.7	9
41	Improvement of thermal stability of sulfonated polyphosphazenes by introducing a selfâ€crosslinkable group. Journal of Polymer Science Part A, 2008, 46, 5850-5858.	2.3	9
42	Synthesis of a film-forming europium(iii) complex and its organogelation and photoluminescent properties. Soft Matter, 2011, 7, 7952.	2.7	8
43	Preparation of microporous polymers consisting of tetraphenylethene and alkyne units. Macromolecular Research, 2013, 21, 1274-1280.	2.4	8
44	Preparation of microporous polymers in the form of particles and a thin film from hyperbranched polyphenylenes. Journal of Polymer Science Part A, 2015, 53, 2336-2342.	2.3	8
45	A versatile platform for lanthanide(<scp>iii</scp>)-containing organogelators: fabrication of the Er(<scp>iii</scp>)-incorporated polymer nanocomposite from an organogel template. New Journal of Chemistry, 2017, 41, 12366-12370.	2.8	8
46	Preparation of a Porous polymer by a catalystâ€free dielsâ€alder reaction and its structural modification by postâ€reaction. Journal of Polymer Science Part A, 2013, 51, 3646-3653.	2.3	7
47	Functional Hierarchical Pores in Polymer Monoliths: Macromolecular Synthesis and Selective Removal of Dyes. ACS Applied Polymer Materials, 2021, 3, 1385-1394.	4.4	7
48	Preparation of molecularly imprinted polymers using photocross-linkable polyphosphazene and selective rebinding of amino acids. Macromolecular Research, 2009, 17, 522-527.	2.4	6
49	Synthesis and polymerization mechanism of bisacetoacetamides. Journal of Polymer Science Part A, 2001, 39, 1456-1462.	2.3	5
50	Laser highlighting on a flat panel display coated with a double-layered anti-reflection film containing a europium(<scp>iii</scp>) complex. Journal of Materials Chemistry C, 2014, 2, 10184-10188.	5.5	5
51	Superhydrophobic and Flexible Microporous Polymer Paper. Macromolecular Chemistry and Physics, 2017, 218, 1700219.	2.2	5
52	Synthesis of polyhydrazones by diazo coupling reaction of bisacetoacetamides with diazonium salts. Polymer Bulletin, 2001, 46, 285-290.	3.3	4
53	Synthesis and characterization of soluble main-chain hydrazone polymers. Journal of Polymer Science Part A, 2002, 40, 4493-4497.	2.3	4
54	Photocatalytic Microporous Polymer-Hydrogel Composites for the Removal of a Dye in Water. Macromolecular Research, 2020, 28, 1282-1288.	2.4	4

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55	Synthesis of a triblock copolymer containing a diacetylene group and its use for preparation of carbon nanodots. Macromolecular Research, 2008, 16, 103-107.	2.4	3
56	Preparation of smectic layered polymer networks using dide chain liquid crystalline polymers having latent reactive monomeric units. Macromolecular Research, 2009, 17, 84-90.	2.4	3
57	Depyrimidination of synthetic poly(uridylic acid) analogue. Journal of Polymer Science Part A, 2000, 38, 423-429.	2.3	2
58	Implications of passivated conductive fillers on dielectric behavior of nanocomposites. Macromolecular Research, 2012, 20, 1191-1196.	2.4	2
59	Preparation of thermochromic polymer nanocomposite films from polymerizable organogels of oligothiophene-based organogelators. Macromolecular Research, 2016, 24, 1055-1061.	2.4	2
60	Synthesis and Functionalization of Ynone-Based Tubular Microporous Polymer Networks and Their Carbonized Products for CO2 Capture. Macromolecular Research, 2019, 27, 991-997.	2.4	2
61	Depurination of synthetic poly(inosinic acid) analogues. Journal of Polymer Science Part A, 1999, 37, 3361-3365.	2.3	1
62	Phosgen-free synthesis of oligoureas having amino end-groups: Their application to the synthesis of poly(urea-imide). Fibers and Polymers, 2002, 3, 55-59.	2.1	1
63	Imaging on a vapor deposited film by photopolymerization of a rod-like molecule consisting of two diacetylenic groups. Macromolecular Research, 2002, 10, 204-208.	2.4	1
64	Synthesis of the polysaccharide, (1â†'5)-Î±-D-ribofuranan and its catalytic activities for the hydrolysis of phosphates and the cleavage of nucleic acids. Macromolecular Research, 2004, 12, 359-366.	2.4	0
65	Back Cover: Macromol. Rapid Commun. 6/2007. Macromolecular Rapid Communications, 2007, 28, 800-800.	3.9	0