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	Functional Hierarchical Pores in Polymer Monoliths: Macromolecular Synthesis and Selective Removal of Dyes. ACS Applied Polymer Materials, 2021, 3, 1385-1394.	4.4	7
2	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
3	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
4	Photocatalytic Microporous Polymer-Hydrogel Composites for the Removal of a Dye in Water. Macromolecular Research, 2020, 28, 1282-1288.	2.4	4
5	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
6	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
7	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
8	Pickering Emulsion Stabilized by Microporous Organic Polymer Particles for the Fabrication of a Hierarchically Porous Monolith. Langmuir, 2018, 34, 11843-11849.	3.5	29
9	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
10	A Cobalt Tandem Catalyst Supported on a Compressible Microporous Polymer Monolith. ACS Omega, 2018, 3, 8745-8751.	3.5	18
11	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
12	Fabrication of a conjugated microporous polymer membrane and its application for membrane catalysis. Scientific Reports, 2017, 7, 13568.	3.3	18
13	Superhydrophobic and Flexible Microporous Polymer Paper. Macromolecular Chemistry and Physics, 2017, 218, 1700219.	2.2	5
14	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
15	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
16	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
17	Homogenized electrospun nanofiber reinforced microporous polymer sponge. Chemical Engineering Journal, 2016, 306, 242-250.	12.7	32
18	Preparation of thermochromic polymer nanocomposite films from polymerizable organogels of oligothiophene-based organogelators. Macromolecular Research, 2016, 24, 1055-1061.	2.4	2

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19	Compressible and monolithic microporous polymer sponges prepared via one-pot synthesis. Scientific Reports, 2015, 5, 15957.	3.3	44
20	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
21	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
22	Polymers for Luminescent Sensing Applications. Macromolecular Chemistry and Physics, 2014, 215, 1274-1285.	2.2	31
23	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
24	Preparation of microporous polymers consisting of tetraphenylethene and alkyne units. Macromolecular Research, 2013, 21, 1274-1280.	2.4	8
25	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
26	White light emission from a mixed organogel of lanthanide(<scp>iii</scp>)-containing organogelators. RSC Advances, 2013, 3, 1774-1780.	3.6	30
27	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
28	Implications of passivated conductive fillers on dielectric behavior of nanocomposites. Macromolecular Research, 2012, 20, 1191-1196.	2.4	2
29	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
30	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
31	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
32	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
33	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
34	Synthesis of a film-forming europium(iii) complex and its organogelation and photoluminescent properties. Soft Matter, 2011, 7, 7952.	2.7	8
35	Molecular imprinting into organogel nanofibers. Soft Matter, 2011, 7, 4160.	2.7	13
36	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

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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 Polymeric SWNTâ^'Liquid Crystal Composites Using a Polymerizable Surfactant. Macromolecules, 2010, 43, 5376-5381.	4.8	22
39	Thermally stable and flame retardant low dielectric polymers based on cyclotriphosphazenes. Journal of Materials Chemistry, 2010, 20, 749-754.	6.7	21
40	Preparation of Clickable Microporous Hydrocarbon Particles Based on Adamantane. Macromolecules, 2010, 43, 6943-6945.	4.8	63
41	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
42	Preparation of molecularly imprinted polymers using photocross-linkable polyphosphazene and selective rebinding of amino acids. Macromolecular Research, 2009, 17, 522-527.	2.4	6
43	Preparation of discotic metallomesogens based on phenacylpyridines showing room temperature columnar phases. Liquid Crystals, 2009, 37, 85-92.	2.2	22
44	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
45	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
46	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
47	Photoimaging through in-Situ Photopolymerization of Heterobifunctional Mesogenic Compounds in Liquid Crystalline State. Macromolecules, 2007, 40, 8349-8354.	4.8	15
48	Poly(4-vinylbenzoyl azide): A New Isocyanato Group Generating Polymer. Macromolecular Rapid Communications, 2007, 28, 718-724.	3.9	23
49	Back Cover: Macromol. Rapid Commun. 6/2007. Macromolecular Rapid Communications, 2007, 28, 800-800.	3.9	0
50	Synthesis and photopolymerization of photoreactive mesogens based on chalcone. Macromolecular Research, 2007, 15, 74-81.	2.4	24
51	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
52	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
53	Synthesis and characterization of a polymethacrylate containing photoreactive abietic acid moiety. Macromolecular Research, 2005, 13, 545-548.	2.4	10
54	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

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55	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
56	Use of an Aromatic Polyimide as a Non-Cross-Linked Molecular Imprinting Material. Macromolecules, 2004, 37, 6-8.	4.8	12
57	Supramolecular discotic liquid crystals from wedge-shaped diacetylenes and their polymerization. Journal of Polymer Science Part A, 2003, 41, 1881-1891.	2.3	28
58	Rodlike mesogenic molecules consisting of two diacetylenic groups: mesomorphic behavior and photoimaging. Journal of Materials Chemistry, 2003, 13, 986-990.	6.7	20
59	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
60	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
61	Synthesis and characterization of soluble main-chain hydrazone polymers. Journal of Polymer Science Part A, 2002, 40, 4493-4497.	2.3	4
62	Synthesis of polyhydrazones by diazo coupling reaction of bisacetoacetamides with diazonium salts. Polymer Bulletin, 2001, 46, 285-290.	3.3	4
63	Synthesis and polymerization mechanism of bisacetoacetamides. Journal of Polymer Science Part A, 2001, 39, 1456-1462.	2.3	5
64	Depyrimidination of synthetic poly(uridylic acid) analogue. Journal of Polymer Science Part A, 2000, 38, 423-429.	2.3	2
65	Depurination of synthetic poly(inosinic acid) analogues. Journal of Polymer Science Part A, 1999, 37, 3361-3365.	2.3	1