

Hou Chen

List of Publications by Year in descending order

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175
papers

4,157
citations

126708

33
h-index

161609

54
g-index

176
all docs

176
docs citations

176
times ranked

3596
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated LaB ₆ /gC ₃ N ₄ solar absorber for solving dye accumulation during solar steam generation. <i>Journal of the American Ceramic Society</i> , 2022, 105, 801-805.	1.9	4
2	Surface modification of cellulose nanocrystals via SI-AGET ATRP and application in waterborne coating for removing of formaldehyde. <i>Carbohydrate Polymers</i> , 2022, 277, 118851.	5.1	6
3	Ultra low-cost and bio-sustainable carbonized green algae for wastewater purification in gold smelting industry. <i>Environmental Science and Pollution Research</i> , 2022, 29, 22082-22092.	2.7	2
4	Visible light-driven acridone catalysis for atom transfer radical polymerization. <i>Journal of Polymer Science</i> , 2022, 60, 1588-1594.	2.0	4
5	Nanocomposite Hybrid Biomass Hydrogels as Flexible Strain Sensors with Self-Healing Ability in Harsh Environments. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1626-1635.	2.0	16
6	Wearable Flexible Sensors for Human Motion Detection with Self-Healing, Tough Guar Gum-Hydrogels of GO-P4VPBA/PDA Janus Nanosheets. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3394-3407.	2.0	9
7	Fabrication of Janus-type nanocomposites from cellulose nanocrystals for self-healing hydrogels TM flexible sensors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 216, 112554.	2.5	5
8	Synthesis of silica supported thiosemicarbazide for Cu(II) and Zn(II) adsorption from ethanol: A comparison with aqueous solution. <i>Fuel</i> , 2021, 286, 119287.	3.4	29
9	Recyclable Bio-Based Photoredox Catalyst in Metal-Free Atom Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000406.	1.1	5
10	Defect-Induced Self-Cleaning Solar Absorber with Full-Spectrum Light Absorption for Efficient Dye Wastewater Purification. <i>Solar Rrl</i> , 2021, 5, 2100105.	3.1	23
11	One-step synthesis of mixed valence FeOX nanoparticles supported on biomass activated carbon for degradation of bisphenol A by activating peroxydisulfate. <i>Journal of Hazardous Materials</i> , 2021, 409, 124990.	6.5	40
12	Self-healing and toughness cellulose nanocrystals nanocomposite hydrogels for strain-sensitive wearable flexible sensor. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 324-332.	3.6	38
13	Highly sensitive electrochemical immunosensor for the simultaneous detection of multiple tumor markers for signal amplification. <i>Talanta</i> , 2021, 226, 122133.	2.9	26
14	Engineering the Electronic Structure of Mo Sites in Mn-Mo-O Mixed-Metal Oxides for Efficient Aerobic Oxidative Desulfurization. <i>Energy & Fuels</i> , 2021, 35, 12310-12318.	2.5	19
15	Silica-based Janus nanosheets for self-healing nanocomposite hydrogels. <i>European Polymer Journal</i> , 2021, 155, 110580.	2.6	8
16	Self-healing nanocomposite hydrogels via Janus nanosheets: Multiple effects of metal-coordination and host-guest interactions. <i>Reactive and Functional Polymers</i> , 2021, 165, 104963.	2.0	10
17	Nanocomposite hydrogels enhanced by cellulose nanocrystal-stabilized Pickering emulsions with self-healing performance in subzero environment. <i>Cellulose</i> , 2021, 28, 9241-9252.	2.4	5
18	Fabrication of self-healing nanocomposite hydrogels with the cellulose nanocrystals-based Janus hybrid nanomaterials. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 259-270.	3.6	9

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19	Surface engineering of cellulose nanocrystals via SI-AGET ATRP of glycidyl methacrylate and ring-opening reaction for fabricating self-healing nanocomposite hydrogels. <i>Cellulose</i> , 2021, 28, 9785-9801.	2.4	5
20	Stretchable, rapid self-healing guar gum-poly(acrylic acid) hydrogels as wearable strain sensors for human motion detection based on Janus graphene oxide. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 627-636.	3.6	18
21	Co-Fe-Mo mixed metal oxides derived from layered double hydroxides for deep aerobic oxidative desulfurization. <i>Fuel</i> , 2021, 306, 121751.	3.4	28
22	A Low-Cost 3D Spherical Evaporator with Unique Surface Topology and Inner Structure for Solar Water Evaporation-Assisted Dye Wastewater Treatment. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000245.	2.7	48
23	Oxygen Vacancy Engineering of Molybdenum Oxide Nanobelts by Fe Ion Intercalation for Aerobic Oxidative Desulfurization. <i>ACS Applied Nano Materials</i> , 2021, 4, 13379-13387.	2.4	10
24	Fabrication of Janus graphene oxide hybrid nanosheets by Pickering emulsion template for self-healing nanocomposite hydrogels. <i>Chemical Engineering Journal</i> , 2020, 385, 123962.	6.6	54
25	Self-healing, sensitive and antifreezing biomass nanocomposite hydrogels based on hydroxypropyl guar gum and application in flexible sensors. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 1569-1577.	3.6	60
26	Preparation of a novel sandwich-type electrochemical immunosensor for AFP detection based on an ATRP and click chemistry technique. <i>Polymer Chemistry</i> , 2020, 11, 900-908.	1.9	18
27	Surface-initiated PET-ATRP and mussel-inspired chemistry for surface engineering of MWCNTs and application in self-healing nanocomposite hydrogels. <i>Materials Science and Engineering C</i> , 2020, 109, 110553.	3.8	16
28	Facile fabrication of a controlled polymer brush-type functional nanoprobe for highly sensitive determination of alpha fetoprotein. <i>Analytical Methods</i> , 2020, 12, 4438-4446.	1.3	9
29	Immobilization of monodisperse metal-oxo-cluster on graphene for aerobic oxidative desulfurization of fuel. <i>Chemical Engineering Research and Design</i> , 2020, 140, 26-33.	2.7	21
30	Surface-initiated photoinduced electron transfer ATRP and mussel-inspired chemistry: Surface engineering of graphene oxide for self-healing hydrogels. <i>Reactive and Functional Polymers</i> , 2020, 150, 104547.	2.0	14
31	Fabrication of novel electrochemical immunosensor by mussel-inspired chemistry and surface-initiated PET-ATRP for the simultaneous detection of CEA and AFP. <i>Reactive and Functional Polymers</i> , 2020, 154, 104632.	2.0	26
32	Tailoring LaB_6 nanoparticle-based self-healing film for heat-shielding window. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	2
33	Steam generation by LaB_6 nanoparticles through photothermal energy conversion. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3466-3472.	1.9	14
34	Eco-friendly extraction of cellulose nanocrystals from grape pomace and construction of self-healing nanocomposite hydrogels. <i>Cellulose</i> , 2020, 27, 2541-2553.	2.4	54
35	Cellulose Nanocrystals Extracted from Grape Pomace with Deep Eutectic Solvents and Application for Self-Healing Nanocomposite Hydrogels. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900673.	1.7	19
36	Morphology-Controlled Construction and Aerobic Oxidative Desulfurization of Hierarchical Hollow Co-Ni-Mo-O Mixed Metal-Oxide Nanotubes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6488-6496.	1.8	29

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37	Cellulose nanocrystal shelled with poly(ionic liquid)/polyoxometalate hybrid as efficient catalyst for aerobic oxidative desulfurization. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 572-579.	5.0	58
38	Pickering emulsion of metal-free photoinduced electron transfer-ATRP stabilized by cellulose nanocrystals. <i>Cellulose</i> , 2019, 26, 5947-5957.	2.4	21
39	Fabrication of self-healing hydrogels with surface functionalized microcapsules from stellate mesoporous silica. <i>Polymer Chemistry</i> , 2019, 10, 503-511.	1.9	35
40	Microwave-Assisted Reversible Coordination-Mediated Polymerization for Self-Healing Hybrid Materials: RGO@PDA Simultaneous as Catalyst and Nanocomposites in One-Pot. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900477.	1.7	4
41	One-pot synthesis of multi-functional and environmental friendly tannic acid polymer with Fe ³⁺ and formaldehyde as double crosslinking agents for selective removal of cation pollutants. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31834-31845.	2.7	14
42	Combined experimental and DFT study on the adsorption of Co(II) and Zn(II) from fuel ethanol by Schiff base decorated magnetic Fe ₃ O ₄ composites. <i>Microchemical Journal</i> , 2019, 151, 104220.	2.3	10
43	Surface Engineering of Porous Carbon for Self-Healing Nanocomposite Hydrogels by Mussel-Inspired Chemistry and PET-ATRP. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38126-38135.	4.0	30
44	A multiple signal amplification based on PEI and rGO nanocomposite for simultaneous multiple electrochemical immunoassay. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127071.	4.0	29
45	Self-healing and tough GO-supported hydrogels prepared via surface-initiated ATRP and photocatalytic modification. <i>New Journal of Chemistry</i> , 2019, 43, 3099-3110.	1.4	17
46	A label-free immunosensor based on PHEMA/graphene oxide nanocomposite for simultaneous electrochemical determination of alpha fetoprotein. <i>RSC Advances</i> , 2019, 9, 17187-17193.	1.7	11
47	Self-healing nanocomposite hydrogels based on modified cellulose nanocrystals by surface-initiated photoinduced electron transfer ATRP. <i>Cellulose</i> , 2019, 26, 5305-5319.	2.4	43
48	Efficient aerobic oxidative desulfurization over Co-Mo-O bimetallic oxide catalysts. <i>Catalysis Science and Technology</i> , 2019, 9, 2915-2922.	2.1	59
49	Adsorption behavior of PAMAM dendrimers functionalized silica for Cd(II) from aqueous solution: Experimental and theoretical calculation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 101, 80-91.	2.7	34
50	Removal of Cr(III) from aqueous solution by silica-gel/PAMAM dendrimer hybrid materials. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18098-18112.	2.7	21
51	Visible light-induced metal-free atom transfer radical polymerization: An efficient approach to polyacrylonitrile. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1265-1269.	2.5	12
52	Fabrication of nanoprobe via AGET ATRP and photocatalytic modification for highly sensitive detection of Hg(II). <i>Reactive and Functional Polymers</i> , 2019, 138, 70-78.	2.0	7
53	Feasible One-Pot Sequential Synthesis of Aminopyridine Functionalized Magnetic Fe ₃ O ₄ Hybrids for Robust Capture of Aqueous Hg(II) and Ag(I). <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7324-7337.	3.2	79
54	Rapid removal of anionic dye from water by poly(ionic liquid)-modified magnetic nanoparticles. <i>Journal of Molecular Liquids</i> , 2019, 284, 383-392.	2.3	47

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55	Fabrication of dual network self-healing alginate/guar gum hydrogels based on polydopamine-type microcapsules from mesoporous silica nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 916-926.	3.6	53
56	Preparation of Co ²⁺ /Mo ⁶⁺ ultrathin nanosheets with outstanding catalytic performance in aerobic oxidative desulfurization. <i>Chemical Communications</i> , 2019, 55, 13995-13998.	2.2	47
57	Label-free DNA Y junction for detection of Hg ²⁺ using exonuclease III or graphene oxide-assisted background reduction. <i>Microchemical Journal</i> , 2019, 145, 1086-1093.	2.3	6
58	Synthesis and Properties of Self-healing Metallopolymers with 5-Vinyltetrazole Units and Zn(II). <i>Macromolecular Research</i> , 2019, 27, 96-104.	1.0	5
59	A novel side-chain ferrocene-containing polymer by combination of Cu(0)-mediated SET-LRP of acrylonitrile and post-modification. <i>Polymer Bulletin</i> , 2019, 76, 2991-3002.	1.7	1
60	Fabrication of Microcapsules by the Combination of Biomass Porous Carbon and Polydopamine for Dual Self-Healing Hydrogels. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1061-1071.	2.4	58
61	Ionic self-assembly of poly(ionic liquid)-polyoxometalate hybrids for selective adsorption of anionic dyes. <i>Chemical Engineering Journal</i> , 2019, 358, 850-859.	6.6	103
62	Adsorption property and mechanism of PAMAM dendrimer/silica gel hybrids for Fe(III) and Ag(I) from N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2019, 273, 305-313.	2.3	26
63	Synthesis of PAN copolymer containing pendant 2-ureido-4[1H]-pyrimidone (UPy) units by RAFT polymerization and its adsorption behaviors of Hg ²⁺ . <i>Polymer Bulletin</i> , 2018, 75, 4327-4339.	1.7	5
64	Synthesis and electrospinning of well-defined polymer brushes by modification of polyacrylonitrile. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	9
65	Electrochemical immunosensor detection of tumor markers based on a GO composite nanoprobe for signal amplification. <i>Analytical Methods</i> , 2018, 10, 526-532.	1.3	14
66	An efficient method for the synthesis of a polymer brush via click chemistry and its ultrasensitive electrochemical detection of AFP. <i>Analytical Methods</i> , 2018, 10, 2390-2397.	1.3	4
67	Synthesis of Schiff base functionalized superparamagnetic Fe ₃ O ₄ composites for effective removal of Pb(II) and Cd(II) from aqueous solution. <i>Chemical Engineering Journal</i> , 2018, 347, 574-584.	6.6	215
68	Sensitive and simultaneous detection of tumor markers assisted by novel functional polymer brush/Au nanoparticles composite. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 998-1007.	4.0	26
69	A green Pickering emulsion stabilized by cellulose nanocrystals via RAFT polymerization. <i>Cellulose</i> , 2018, 25, 77-85.	2.4	31
70	A novel and convenient preparation of antibacterial polyacrylonitrile nanofibers via post-modification using nitrile click chemistry and electrospinning. <i>Chemical Papers</i> , 2018, 72, 191-200.	1.0	18
71	Surface-Initiated Metal-Free Photoinduced ATRP of 4-Vinylpyridine from SiO ₂ via Visible Light Photocatalysis for Self-Healing Hydrogels. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 17417-17429.	1.8	39
72	Removal of Cd(II) and Fe(III) from DMSO by silica gel supported PAMAM dendrimers: Equilibrium, thermodynamics, kinetics and mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 253-260.	2.9	29

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73	RAFT-mediated Pickering emulsion polymerization with cellulose nanocrystals grafted with random copolymer as stabilizer. <i>RSC Advances</i> , 2018, 8, 28660-28667.	1.7	14
74	Synthesis of novel polymer brushes of poly(acrylonitrile-g-N,N ¹ -dimethylaminoethyl methacrylate) by nitrile modification. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 355-364.	1.3	5
75	Label-free detection of Hg ²⁺ based on Hg ²⁺ -triggered toehold binding, Exonuclease III assisted target recycling and hybridization chain reaction. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 411-418.	4.0	28
76	Adsorption of Hg(II) and Ag(I) from fuel ethanol by silica gel supported sulfur-containing PAMAM dendrimers: Kinetics, equilibrium and thermodynamics. <i>Fuel</i> , 2017, 206, 80-88.	3.4	98
77	Facile one-pot synthesis and self-healing properties of tetrazole-based metallopolymers in the presence of iron salts. <i>RSC Advances</i> , 2017, 7, 47316-47323.	1.7	9
78	Microwave-assisted rapid fabrication of antibacterial polyacrylonitrile microfibers/nanofibers via nitrile click chemistry and electrospinning. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45490.	1.3	7
79	Use of apple seeds as new source for synthesis of polyacrylonitrile-based adsorbent to remove Pb(II). <i>Polymer Bulletin</i> , 2017, 74, 5231-5247.	1.7	5
80	Removal of trace As(V) from aqueous solution by Fe(III)-loaded porous amidoximated polyacrylonitrile. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 1603-1613.	1.0	4
81	PMDETA as an efficient catalyst for bulk reversible complexation mediated polymerization (RCMP) in the absence of additional metal salts and deoxygenation. <i>RSC Advances</i> , 2016, 6, 97455-97462.	1.7	19
82	Exonuclease III assisted and label-free detection of mercury ion based on toehold strand displacement amplification strategy. <i>Analytical Methods</i> , 2016, 8, 7054-7060.	1.3	7
83	Synthesis of PGMA/AuNPs amplification platform for the facile detection of tumor markers. <i>Materials Chemistry and Physics</i> , 2016, 183, 534-541.	2.0	14
84	Hg(II) adsorption using amidoximated porous acrylonitrile/itaconic copolymers prepared by suspended emulsion polymerization. <i>Water Science and Technology</i> , 2016, 73, 1709-1718.	1.2	6
85	Preparation of corn stalk-based adsorbents and their specific application in metal ions adsorption. <i>Chemical Papers</i> , 2016, 70, .	1.0	12
86	Synthesis of 2-phenoxyethanol/formaldehyde copolymer beads by dispersion polycondensation and their adsorption properties for copper ions after polyamine modification. <i>Desalination and Water Treatment</i> , 2016, 57, 13722-13732.	1.0	4
87	Synthesis of polyacrylonitrile mediated by manganese(III) acetylacetonate (Mn(acac) ₃) and 2-cyanopropyl dithionaphthalenoate. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1305-1309.	2.5	6
88	Iron-mediated activators generated by electron transfer for atom-transfer radical polymerization of methyl methacrylate using ionic liquid as ligand and Fe(0) wire as reducing agent. <i>Polymer International</i> , 2015, 64, 1754-1761.	1.6	4
89	Synthesis of peanut shell/polyacrylonitrile copolymer via Cu(0)-mediated RDRP and its adsorption behavior after modification. <i>Polymer Bulletin</i> , 2015, 72, 2455-2469.	1.7	8
90	Improved synthesis of silica-gel-based dendrimer-like highly branched polymer as the Au(III) adsorbents. <i>Chemical Engineering Journal</i> , 2015, 270, 110-121.	6.6	39

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91	Preparation and Characterization of Thiourea-Containing Silica Gel Hybrid Materials for Hg(II) Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 1656-1664.	1.8	26
92	Synthesis of Poly(n-butyl methacrylate-co- pentaerythritoltriacyrylate) Gel Mediated by Cu(0)/CPDN and Its Oil Absorbent Properties. <i>Separation Science and Technology</i> , 2015, , 150610065806005.	1.3	0
93	Facile iron(III)-mediated ATRP of MMA with phosphorus-containing ligands in the absence of any additional initiators. <i>RSC Advances</i> , 2015, 5, 62577-62584.	1.7	11
94	Synthesis of Polyvinyltetrazole Resin by Combination of RAFT Polymerization and Click Chemistry for Adsorption of Hg(II). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 707-712.	1.2	16
95	Investigations on the Structure and Properties of Neutral Polymer Bonding Agents (NPBA) Used for Composite Solid Propellant. I: Study of the Reactivity Ratios and Sequence Structure Control of Acrylonitrile (AN)/Methacrylate (MA)/Hydroxyethyl Acrylate (HEA) Terpolymer Type NPBA. <i>International Journal of Polymer Analysis and Characterization</i> . 2015. 20. 344-356.	0.9	4
96	Synthesis of polyacrylonitrile by reversible-deactivation radical polymerization and its application as electrode materials for electrochemical double layer capacitors. <i>RSC Advances</i> , 2015, 5, 37780-37788.	1.7	11
97	Reversible chain transfer catalyzed polymerization (RTCP) in nitrogen-based solvents without additional catalysts. <i>RSC Advances</i> , 2015, 5, 34769-34776.	1.7	7
98	Cobalt(III) acetylacetonate initiated RAFT polymerization of acrylonitrile and its application in removal of methyl orange after electrospinning. <i>RSC Advances</i> , 2015, 5, 58393-58402.	1.7	7
99	Triphenylphosphine as reducing agent for copper(II)-catalyzed AGET ATRP. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 1260-1270.	2.0	19
100	Thiol-functionalized polysilsesquioxane as efficient adsorbent for adsorption of Hg(II) and Mn(II) from aqueous solution. <i>Materials Research Bulletin</i> , 2014, 52, 134-142.	2.7	32
101	Synthesis and Properties of High Oil-Absorbing Resins with Long Chain by High Internal Phase Emulsions as Template. <i>Separation Science and Technology</i> , 2014, 49, 2518-2524.	1.3	12
102	Preparation of Wheat Straw Matrix- <i>g</i> -Polyacrylonitrile-Based Adsorbent by SET-LRP and Its Applications for Heavy Metal Ion Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1843-1848.	3.2	28
103	Preparation of Polyacrylonitrile Initiated by Modified Corn Starch and Adsorption for Mercury after Modification. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4871-4877.	1.8	16
104	Synthesis of Polyacrylonitrile by ARGET Atom Transfer Radical Polymerization in the Presence of Zinc Powder and Its Adsorption Properties after Modification. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 1632-1637.	1.8	4
105	Sweet Potato Starch Residue as Starting Material To Prepare Polyacrylonitrile Adsorbent via SI-SET-LRP. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1765-1770.	2.4	24
106	Nanoplates of cobalt phosphonate with two-dimensional structure and its competitive adsorption of Pb(II) and Hg(II) ions from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2568-2573.	2.9	11
107	Synthesis of silica gel supported salicylaldehyde modified PAMAM dendrimers for the effective removal of Hg(II) from aqueous solution. <i>Journal of Hazardous Materials</i> , 2014, 278, 267-278.	6.5	193
108	Preparation of polyacrylonitrile via SET-LRP catalyzed by lanthanum powder in the presence of VC. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4088-4094.	2.5	10

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109	Single electron transfer-living radical copolymerization of butyl methacrylate and divinylbenzene for preparation of oil-absorbing gel. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3233-3239.	2.5	6
110	Preparation of High Oil Absorption Resins by Suspended Emulsion Polymerization and Their Properties. <i>Separation Science and Technology</i> , 2013, 48, 1977-1981.	1.3	8
111	Living radical polymerization of acrylonitrile catalyzed by copper with a high concentration of radical initiator and its application in removal of Ag(I) after modification. <i>Journal of Polymer Science Part A</i> , 2013, 51, 340-346.	2.5	4
112	Cellulose-based macroinitiator for crosslinked poly(butyl methacrylate-co-pentaerythritol) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	19
113	Mercury adsorption by sulfur- and amidoxime-containing bifunctional silica gel based hybrid materials. <i>Chemical Engineering Journal</i> , 2013, 219, 51-61.	6.6	58
114	Adsorption of Pb(II) from aqueous solution by silica-gel supported hyperbranched polyamidoamine dendrimers. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 276-286.	6.5	169
115	Synthesis of high performance polyacrylonitrile by RASA SET-LRP in the presence of Mg powder. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3328-3332.	2.5	4
116	Synthesis of polyacrylonitrile using AGET-ATRP in emulsion. <i>Materials Science and Engineering C</i> , 2013, 33, 570-574.	3.8	7
117	Synthesis of Hexadecyl Methacrylate/Methyl Methacrylate Copolymer by High Internal Phase Emulsion Template and its High Oil-Absorbing Properties. <i>Separation Science and Technology</i> , 2013, 48, 2338-2344.	1.3	13
118	Poly(methyl methacrylate-co-pentaerythritol tetraacrylate-co-butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Science Part A, 2013, 51, 1963-1968.	2.5	12
119	Single electron transfer-living radical polymerization of acrylonitrile catalyzed by lanthanum powder. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3323-3327.	2.5	6
120	Preparation of silica gel supported amidoxime adsorbents for selective adsorption of Hg(II) from aqueous solution. <i>Chemical Engineering Journal</i> , 2012, 209, 235-244.	6.6	75
121	Use of Gd powder as catalyst for single electron transfer-living radical polymerization: Applications for synthesis of high molecular weight polymethyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4809-4813.	2.5	6
122	Synthesis of crosslinked poly(butyl methacrylate-co-pentaerythritol triacrylate) gel by single electron transfer-living radical polymerization and its oil-absorbing properties. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4871-4878.	2.5	10
123	SET-LRP of acrylonitrile catalyzed by tin powder. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4995-4999.	2.5	7
124	Production of Biodiesel by Esterification of Stearic Acid over Aminophosphonic Acid Resin D418. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 5402-5407.	1.8	14
125	SET-LRP of acrylonitrile in ionic liquids without any ligand. <i>Journal of Polymer Science Part A</i> , 2012, 50, 609-613.	2.5	20
126	Synthesis of novel high oil-absorption resins of poly(methyl methacrylate-co-butyl methacrylate) by surface-initiated atom transfer radical polymerization using activators regenerated by electron transfer for efficient removal of oil. <i>Polymer International</i> , 2012, 61, 1786-1791.	1.6	14

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127	Chemical modification of waste poly(p-phenylene terephthalamide) fibers and its binding behaviors to metal ions. <i>Chemical Engineering Journal</i> , 2012, 181-182, 458-466.	6.6	25
128	Synthesis of crosslinked polyacrylonitrile via atom transfer radical polymerization with activators regenerated by electron transfer and use of the resin in mercury removal after modification. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2179-2186.	1.3	11
129	Synthesis of monodisperse crosslinked poly(styrene- <i>i>co</i> -divinylbenzene) microspheres by precipitation polymerization in acetic acid. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3799-3806.	1.3	8
130	Samarium(III)-based AGET ATRP of Acrylonitrile Using Ascorbic Acid as Reducing Agent. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 284-290.	1.2	5
131	Adsorption of Silver(I) from Aqueous Solution by Chelating Resins with 3-Aminopyridine and Hydrophilic Spacer Arms: Equilibrium, Kinetic, Thermodynamic, and Mechanism Studies. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1001-1008.	1.0	10
132	Synthesis and characterization of phenolic-type beads by dispersion polymerization of 2-phenoxyethanol with formaldehyde using gum acacia powder as stabilizer. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1487-1493.	1.6	2
133	ARGET ATRP of acrylonitrile with ionic liquid as reaction media and 1,1,4,7,7-pentamethyldiethylenetriamine as both ligand and reducing agent in the presence of air. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1513-1517.	1.6	17
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