Bin Mu

List of Publications by Year in Descending Order

128 papers	3,658 citations	31 h-index	55 g-index
135 ext. papers	4,316 ext. citations	6.1 avg, IF	5.71 L-index

#	Paper	IF	Citations
128	Mechanochemical synthesis of multifunctional kaolin@ BiVO 4 hybrid pigments for coloring and reinforcing of acrylonitrile-butadiene-styrene. *Journal of Applied Polymer Science*, **2022**, 139, 52266	2.9	0
127	Recovering metal ions from oxalic acid leaching palygorskite-rich clay wastewater to fabricate layered mixed metal oxide/carbon composites for high-efficient removing Congo red. *Chemosphere* , **2021**, 132543	8.4	0
126	A stable metal□rganic framework with well-matched pore cavity for efficient acetylene separation. *AICHE Journal*, **2021**, 67, e17152	3.6	4
125	Facile fabrication of a stable fluorescent yellow X-10GFF/palygorskite hybrid pigment via semi-dry grinding. *Clay Minerals*, **2021**, 56, 37-45	1.3	
124	Preparation and Carbonization of Metal Organic Framework Zn(bdc)(ted)0.5 for Enhancing Moisture Resistance and Methane Storage Capacity. *Industrial & Engineering Chemistry Research*, **2021**, 60, 3809-3818	3.9	1
123	The Effects of Surface Modification of ATP on the Performance of CeO2□WO3/TiO2 Catalyst for the Selective Catalytic Reduction of NOx with NH3. *Catalysis Surveys From Asia*, **2021**, 25, 301-311	2.8	
122	From the Waste Semicoke to Superabsorbent Composite: Synthesis, Characterization and Performance Evaluation. *Journal of Polymers and the Environment*, **2021**, 29, 4017	4.5	0
121	Unusual positive effect of SO2 on Mn-Ce mixed-oxide catalyst for the SCR reaction of NOx with NH3. *Chemical Engineering Journal*, **2021**, 407, 127071	14.7	26
120	Removal of a cationic dye from aqueous solution by a porous adsorbent templated from eco-friendly Pickering MIPEs using chitosan-modified semi-coke particles. *New Journal of Chemistry*, **2021**, 45, 3848-3856	3.6	3
119	Reversible Thermochromic Superhydrophobic BiVO Hybrid Pigments Coatings with Self-Cleaning Performance and Environmental Stability Based on Kaolinite. *ACS Applied Materials & Interfaces*, **2021**, 13, 3228-3236	9.5	4
118	Electronic and catalytic engineering in two-dimensional vdW metal□rganic frameworks through alloying. *Applied Physics Reviews*, **2021**, 8, 031411	17.3	0
117	Incorporation of Different Metal Ion for Tuning Color and Enhancing Antioxidant Activity of Curcumin/Palygorskite Hybrid Materials.. *Frontiers in Chemistry*, **2021**, 9, 760941	5	1
116	Fabrication of Eco-Friendly Betanin Hybrid Materials Based on Palygorskite and Halloysite. *Materials*, **2020**, 13,	3.5	5
115	Preparation and Antibacterial Activity of ZnO/Palygorskite Nanocomposites Using Different Types of Surfactants. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 3808-3817	3.2	6
114	Incorporation of Lutein on Layered Double Hydroxide for Improving the Environmental Stability. *Molecules*, **2020**, 25,	4.8	9
113	Achieving Morphological Control over Lamellar Manganese Metal-Organic Framework through Modulated Bi-Phase Growth. *Angewandte Chemie - International Edition*, **2020**, 59, 9408-9413	16.4	3
112	Achieving Morphological Control over Lamellar Manganese Metal-Organic Framework through Modulated Bi-Phase Growth. *Angewandte Chemie*, **2020**, 132, 9494-9499	3.6	

111	Preparation of effective carvacrol/attapulgite hybrid antibacterial materials by mechanical milling. *Journal of Porous Materials*, **2020**, 27, 843-853	2.4	12
110	Core‐shell adsorbents by electrospun MOF-polymer composites with improved adsorption properties: Theory and experiments. *AICHE Journal*, **2020**, 66, e16816	3.6	3
109	A Decade of UiO-66 Research: A Historic Review of Dynamic Structure, Synthesis Mechanisms, and Characterization Techniques of an Archetypal Metal‐Organic Framework. *Crystal Growth and Design*, **2020**, 20, 1347-1362	3.5	130
108	Metal‐organic framework-based mixed-matrix membranes for gas separation: An overview. *Journal of Polymer Science*, **2020**, 58, 2518-2546	2.4	17
107	A Comparative Study on Color Stability of Anthocyanin Hybrid Pigments Derived from 1D and 2D Clay Minerals. *Materials*, **2019**, 12,	3.5	16
106	A Stable Amine-Functionalized Microporous Metal‐Organic Framework for Thermodynamically and Kinetically Selective Gas Separations. *ChemistrySelect*, **2019**, 4, 3841-3847	1.8	2
105	Comparative study on photocatalytic degradation of Congo red using different clay mineral/CdS nanocomposites. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 5383-5392	2.1	4
104	From waste hot-pot oil as carbon precursor to development of recyclable attapulgite/carbon composites for wastewater treatment. *Journal of Environmental Sciences*, **2019**, 75, 346-358	6.4	16
103	Effects of Activation Temperature and Densification on Adsorption Performance of MOF MIL-100(Cr). *Journal of Chemical & Engineering Data*, **2019**, 64, 5814-5823	2.8	13
102	Porous Fe@C Composites Derived from Silkworm Excrement for Effective Separation of Anisole Compounds. *ACS Omega*, **2019**, 4, 21204-21213	3.9	5
101	Rapid CO2 capture from ambient air by sorbent-containing porous electrospun fibers made with the solvothermal polymer additive removal technique. *AICHE Journal*, **2019**, 65, 214-220	3.6	8
100	Environmentally friendly synthesis of flexible MOFs M(NA)2 (M = Zn, Co, Cu, Cd) with large and regenerable ammonia capacity. *Journal of Materials Chemistry A*, **2018**, 6, 9922-9929	13	29
99	Modeling Nanoparticle Dispersion in Electrospun Nanofibers. *Langmuir*, **2018**, 34, 1340-1346	4	16
98	Influences of Deprotonation and Modulation on Nucleation and Growth of UiO-66: Intergrowth and Orientation. *Journal of Physical Chemistry C*, **2018**, 122, 2200-2206	3.8	28
97	Nanofiber-based Matrimid organogel membranes for battery separator. *Journal of Membrane Science*, **2018**, 546, 158-164	9.6	19
96	Monte Carlo Simulations to Examine the Role of Pore Structure on Ambient Air Separation in Metal‐Organic Frameworks. *Industrial & Engineering Chemistry Research*, **2018**, 57, 9240-9253	3.9	11
95	Nonprecious Nanoalloys Embedded in N-Enriched Mesoporous Carbons Derived from a Dual-MOF as Highly Active Catalyst towards Oxygen Reduction Reaction. *ChemistrySelect*, **2018**, 3, 7913-7920	1.8	7
94	Formation and Coloring Mechanism of Typical Aluminosilicate Clay Minerals for CoAlO Hybrid Pigment Preparation. *Frontiers in Chemistry*, **2018**, 6, 125	5	10

93	Prolonged HKUST-1 functionality under extreme hydrothermal conditions by electrospinning polystyrene fibers as a new coating method. *Microporous and Mesoporous Materials*, **2018**, 270, 34-39	5.3	19
92	CoAlO/Kaoline Hybrid Pigment Prepared via Solid-Phase Method for Anticorrosion Application. *Frontiers in Chemistry*, **2018**, 6, 586	5	6
91	Investigation of Missing-Cluster Defects in UiO-66 and Ferrocene Deposition into Defect-Induced Cavities. *Industrial & Engineering Chemistry Research*, **2018**, 57, 14233-14241	3.9	25
90	Ultimate Control over Hydrogen Bond Formation and Reaction Rates for Scalable Synthesis of Highly Crystalline vdW MOF Nanosheets with Large Aspect Ratio. *Advanced Materials*, **2018**, 30, e1802497	24	24
89	Bio-template synthesis of three-dimensional microtubular nickel-cobalt layered double hydroxide composites for energy storage. *Cellulose*, **2018**, 25, 4121-4131	5.5	4
88	Attapulgite/carbon composites as a recyclable adsorbent for antibiotics removal. *Korean Journal of Chemical Engineering*, **2018**, 35, 1650-1661	2.8	18
87	All-solid-state high-energy asymmetric supercapacitor based on natural tubular fibers. *Journal of Materials Science*, **2018**, 53, 11659-11670	4.3	10
86	Particle size studies to reveal crystallization mechanisms of the metal organic framework HKUST-1 during sonochemical synthesis. *Ultrasonics Sonochemistry*, **2017**, 34, 365-370	8.9	32
85	A cobalt metal-organic framework with small pore size for adsorptive separation of CO2 over N2 and CH4. *AICHE Journal*, **2017**, 63, 4532-4540	3.6	16
84	Microscopy Study of Morphology of Electrospun Fiber-MOF Composites with Secondary Growth. *MRS Advances*, **2017**, 2, 2457-2463	0.7	6
83	Adsorption and diffusion of carbon dioxide on the metal-organic framework CuBTB. *Chemical Engineering Science*, **2017**, 167, 10-17	4.4	16
82	Composite MOF mixture as volatile organic compound sensor □A new approach to LMOF sensors. *Materials Letters*, **2017**, 190, 33-36	3.3	7
81	Morphology control of polyaniline by dopant grown on hollow carbon fibers as high-performance supercapacitor electrodes. *Cellulose*, **2017**, 24, 5579-5592	5.5	10
80	Influence of Particle Size and Loading on Particle Accessibility in Electrospun Poly(ethylene oxide) and ZIF-8 Composite Fibers: Experiments and Theory. *Langmuir*, **2017**, 33, 9066-9072	4	15
79	Facile fabrication of superparamagnetic graphene/polyaniline/FeO nanocomposites for fast magnetic separation and efficient removal of dye. *Scientific Reports*, **2017**, 7, 5347	4.9	48
78	From adsorbents to electrode materials: facile hydrothermal synthesis of montmorillonite/polyaniline/metal oxide (hydroxide) composites. *New Journal of Chemistry*, **2016**, 40, 2687-2695	3.6	9
77	Porous carbon nanoflakes with a high specific surface area derived from a kapok fiber for high-performance electrode materials of supercapacitors. *RSC Advances*, **2016**, 6, 6967-6977	3.7	17
76	Palygorskite@Fe3O4@polyperfluoroalkylsilane nanocomposites for superoleophobic coatings and magnetic liquid marbles. *Journal of Materials Chemistry A*, **2016**, 4, 5859-5868	13	35

75	Facile fabrication of well-defined polyaniline microtubes derived from natural kapok fibers for supercapacitors with long-term cycling stability. *RSC Advances*, **2016**, 6, 68302-68311	3.7	17
74	Ag(I)-triggered one-pot synthesis of Ag nanoparticles onto natural nanorods as a multifunctional nanocomposite for efficient catalysis and adsorption. *Journal of Colloid and Interface Science*, **2016**, 473, 84-92	9.3	20
73	Fabrication of manganese dioxide/carbon/attapulgite composites derived from spent bleaching earth for adsorption of Pb(II) and Brilliant green. *RSC Advances*, **2016**, 6, 36534-36543	3.7	34
72	Hierarchical Pore Structures and High ZIF-8 Loading on Matrimid Electrospun Fibers by Additive Removal from a Blended Polymer Precursor. *Industrial & Engineering Chemistry Research*, **2016**, 55, 9944-9951	3.9	18
71	Halloysite nanotubes induced synthesis of carbon/manganese dioxide coaxial tubular nanocomposites as electrode materials for supercapacitors. *Journal of Solid State Electrochemistry*, **2015**, 19, 1257-1263	2.6	17
70	Facile hydrothermal synthesis of tubular kapok fiber/MnO2 composites and application in supercapacitors. *RSC Advances*, **2015**, 5, 64065-64075	3.7	24
69	One-Step Calcination of the Spent Bleaching Earth for the Efficient Removal of Heavy Metal Ions. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 1125-1135	8.3	54
68	Halloysite nanotubes template-induced fabrication of carbon/manganese dioxide hybrid nanotubes for supercapacitors. *Ionics*, **2015**, 21, 2329-2336	2.7	8
67	Fabrication of attapulgite/carbon composites from spent bleaching earth for the efficient adsorption of methylene blue. *RSC Advances*, **2015**, 5, 38443-38451	3.7	25
66	Effect of different clay minerals and calcination temperature on the morphology and color of clay/CoAl2O4 hybrid pigments. *RSC Advances*, **2015**, 5, 102674-102681	3.7	17
65	One-pot fabrication of multifunctional superparamagnetic attapulgite/Fe3O4/polyaniline nanocomposites served as an adsorbent and catalyst support. *Journal of Materials Chemistry A*, **2015**, 3, 281-289	13	131
64	Generating selective saccharide binding affinity of phenyl boronic acids by using single-walled carbon nanotube corona phases. *Chemistry - A European Journal*, **2015**, 21, 4523-8	4.8	11
63	UiO-66 MOF and Poly(vinyl cinnamate) Nanofiber Composite Membranes Synthesized by a Facile Three-Stage Process. *Industrial & Engineering Chemistry Research*, **2015**, 54, 12386-12392	3.9	40
62	Facile fabrication of polyaniline/kapok fiber composites via a semidry method and application in adsorption and catalyst support. *Cellulose*, **2015**, 22, 615-624	5.5	11
61	A graphene-based physiometer array for the analysis of single biological cells. *Scientific Reports*, **2014**, 4, 6865	4.9	29
60	Neurotransmitter detection using corona phase molecular recognition on fluorescent single-walled carbon nanotube sensors. *Journal of the American Chemical Society*, **2014**, 136, 713-24	16.4	205
59	Template synthesis of graphene/polyaniline hybrid hollow microspheres as electrode materials for high-performance supercapacitor. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	26
58	Magnetoadsorptive Particles Enabling the Centrifugation-Free, Preparative-Scale Separation, and Sorting of Single-Walled Carbon Nanotubes. *Particle and Particle Systems Characterization*, **2014**, 31, 1097-1104	3.1	3

57	Recent advances in molecular recognition based on nanoengineered platforms. *Accounts of Chemical Research*, **2014**, 47, 979-88	24.3	59
56	Facile preparation of magnetic 2-hydroxypropyltrimethyl ammonium chloride chitosan/Fe3O4/halloysite nanotubes microspheres for the controlled release of ofloxacin. *Carbohydrate Polymers*, **2014**, 102, 877-83	10.3	39
55	Glycol assisted synthesis of graphene-MnO2-polyaniline ternary composites for high performance supercapacitor electrodes. *Physical Chemistry Chemical Physics*, **2014**, 16, 7872-80	3.6	110
54	Superparamagnetic sandwich structured silver/halloysite nanotube/Fe3O4 nanocomposites for 4-nitrophenol reduction. *RSC Advances*, **2014**, 4, 39439-39445	3.7	27
53	Facile fabrication of superparamagnetic coaxial gold/halloysite nanotubes/Fe3O4 nanocomposites with excellent catalytic property for 4-nitrophenol reduction. *Journal of Materials Science*, **2014**, 49, 7181-7191	4.3	25
52	Attapulgite Modified with Silane Coupling Agent for Phosphorus Adsorption and Deep Bleaching of Refined Palm Oil. *Adsorption Science and Technology*, **2014**, 32, 37-48	3.6	16
51	Carbon nanotubes as optical biomedical sensors. *Advanced Drug Delivery Reviews*, **2013**, 65, 1933-50	18.5	245
50	Emergent properties of nanosensor arrays: applications for monitoring IgG affinity distributions, weakly affined hypermannosylation, and colony selection for biomanufacturing. *ACS Nano*, **2013**, 7, 7472-82	12.7	38
49	Preparation of manganese dioxide/multiwalled carbon nanotubes hybrid hollow microspheres via layer-by-layer assembly for supercapacitor. *Journal of Materials Science*, **2013**, 48, 7581-7586	4.3	12
48	Molecular recognition using corona phase complexes made of synthetic polymers adsorbed on carbon nanotubes. *Nature Nanotechnology*, **2013**, 8, 959-68	28.7	205
47	Preparation of a polyelectrolyte-coated magnetic attapulgite composite for the adsorption of precious metals. *Journal of Materials Chemistry A*, **2013**, 1, 4804	13	45
46	Metallized DNA nanolithography for encoding and transferring spatial information for graphene patterning. *Nature Communications*, **2013**, 4, 1663	17.4	126
45	Preparation of magnetic attapulgite nanocomposite for the adsorption of Ag+ and application for catalytic reduction of 4-nitrophenol. *Journal of Materials Chemistry A*, **2013**, 1, 7083	13	38
44	Polymeric nanocapsules with controllable crosslinking degree via combination of surface-initiated atom transfer radical polymerisation and photocrosslinking techniques. *IET Nanobiotechnology*, **2013**, 7, 63-8	2	2
43	Single-walled carbon nanotube-based near-infrared optical glucose sensors toward in vivo continuous glucose monitoring. *Journal of Diabetes Science and Technology*, **2013**, 7, 72-87	4.1	28
42	Encapsulation of drug microparticles with self-assembled Fe3O4/alginate hybrid multilayers for targeted controlled release. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2012**, 100, 825-31	3.5	22
41	A structure-function relationship for the optical modulation of phenyl boronic acid-grafted, polyethylene glycol-wrapped single-walled carbon nanotubes. *Journal of the American Chemical Society*, **2012**, 134, 17620-7	16.4	43
40	Temperature and pH dual responsive crosslinked polymeric nanocapsules via surface-initiated atom transfer radical polymerization. *Reactive and Functional Polymers*, **2012**, 72, 983-989	4.6	18

39	Nanoengineered glycan sensors enabling native glycoprofiling for medicinal applications: towards profiling glycoproteins without labeling or liberation steps. *Chemical Society Reviews*, **2012**, 41, 5744-79	58.5	47
38	Superparamagnetic Temperature-Responsive Ionic-Cross-Linked Polymeric Hybrid Nanocapsules via Self-Templating Approach. *Industrial & Engineering Chemistry Research*, **2012**, 51, 3350-3355	3.9	4
37	Aggregation-Resistant Superparamagnetic Noncovalent Hybrid Multilayer Hollow Microcapsules in High Ionic Strength Media. *Industrial & Engineering Chemistry Research*, **2012**, 51, 13875-13881	3.9	7
36	Structure and function of glucose binding protein-single walled carbon nanotube complexes. *Small*, **2012**, 8, 3510-6	11	8
35	Boronic acid library for selective, reversible near-infrared fluorescence quenching of surfactant suspended single-walled carbon nanotubes in response to glucose. *ACS Nano*, **2012**, 6, 819-30	16.7	63
34	Fabrication of flocculation-resistant pH/ionic strength/temperature multiresponsive hollow microspheres and their controlled release. *Molecular Pharmaceutics*, **2012**, 9, 91-101	5.6	42
33	Breathing effects of CO2 adsorption on a flexible 3D lanthanide metal□rganic framework. *Journal of Materials Chemistry*, **2012**, 22, 10172		61
32	Thermal Analysis and Heat Capacity Study of Metal□Organic Frameworks. *Journal of Physical Chemistry C*, **2011**, 115, 22748-22754	3.8	107
31	High-Pressure Adsorption Equilibrium of CO2, CH4, and CO on an Impregnated Activated Carbon. *Journal of Chemical & Engineering Data*, **2011**, 56, 390-397	2.8	15
30	Temperature and pH dual-responsive cross-linked polymeric nanocapsules with controllable structures via surface-initiated atom transfer radical polymerization from templates. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2011**, 7, 789-96	6	21
29	Adsorption equilibrium of methane and carbon dioxide on porous metal-organic framework Zn-BTB. *Adsorption*, **2011**, 17, 777-782	2.6	18
28	Magnetic-targeted pH-responsive drug delivery system via layer-by-layer self-assembly of polyelectrolytes onto drug-containing emulsion droplets and its controlled release. *Journal of Polymer Science Part A*, **2011**, 49, 1969-1976	2.5	32
27	A Porous Flexible Homochiral SrSi2 Array of Single-Stranded Helical Nanotubes Exhibiting Single-Crystal-to-Single-Crystal Oxidation Transformation. *Angewandte Chemie*, **2011**, 123, 456-460	3.6	13
26	A porous flexible homochiral SrSi2 array of single-stranded helical nanotubes exhibiting single-crystal-to-single-crystal oxidation transformation. *Angewandte Chemie - International Edition*, **2011**, 50, 436-40	16.4	61
25	Biocompatible and Biodegradable Polymeric Nanocapsules from Poly(□malic acid)-Grafted Nano-silica Templates. *Designed Monomers and Polymers*, **2011**, 14, 39-45	3.1	6
24	Disintegration-controllable stimuli-responsive polyelectrolyte multilayer microcapsules via covalent layer-by-layer assembly. *Colloids and Surfaces B: Biointerfaces*, **2011**, 82, 385-90	6	23
23	Temperature-responsive ionic-crosslinked polymeric nanocapsules via Sself-templatingSapproach. *Colloids and Surfaces B: Biointerfaces*, **2011**, 84, 267-71	6	5
22	Preparation of Photo-Sensitive Degradable Polymeric Nanocapsules from Dendrimer Grafted Nano-Silica Templates. *Soft Materials*, **2011**, 9, 382-392	1.7	5

21	Preparation and Characterization of PVC-based Photoresponsive Polymers Containing Azo-chromophores. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2010**, 47, 833-838	2.2	3
20	A metal–organic framework with coordinatively unsaturated metal centers and microporous structure. *CrystEngComm*, **2010**, 12, 2347	3.3	22
19	Photo-Sensitive and Degradable Polymeric Nanocapsules from Hyperbranched Poly(Amine Ester) Grafted Nano-Silica Templates. *Current Nanoscience*, **2010**, 6, 604-609	1.4	
18	Gas Adsorption Study on Mesoporous Metal–Organic Framework UMCM-1. *Journal of Physical Chemistry C*, **2010**, 114, 6464-6471	3.8	148
17	Novel temperature-sensitive crosslinked polymeric nanocapsules. *Materials Letters*, **2010**, 64, 1978-1980	3.3	4
16	A functional cross linked polymeric nanocapsule with pH-responsive brushes on its inner wall: Preparation, characterization and controlled release. *Reactive and Functional Polymers*, **2010**, 70, 578-584	4.6	15
15	Superparamagnetic pH-sensitive multilayer hybrid hollow microspheres for targeted controlled release. *Journal of Polymer Science Part A*, **2010**, 48, 3135-3144	2.5	65
14	Monodisperse superparamagnetic pH-sensitive single-layer chitosan hollow microspheres with controllable structure. *Journal of Polymer Science Part A*, **2010**, 48, 4981-4988	2.5	26
13	Facile Preparation of Crosslinked Polymeric Nanocapsules via Combination of Surface-Initiated Atom Transfer Radical Polymerization and Ultraviolet Irradiated Crosslinking Techniques. *Nanoscale Research Letters*, **2009**, 4, 773-7	5	22
12	Polymeric Nanocapsule from Silica Nanoparticle@Cross-linked Polymer Nanoparticles via One-Pot Approach. *Nanoscale Research Letters*, **2009**, 4, 1271-4	5	9
11	Crosslinked polymeric nanocapsules from polymer brushes grafted silica nanoparticles via surface-initiated atom transfer radical polymerization. *Colloids and Surfaces B: Biointerfaces*, **2009**, 74, 511-5	6	24
10	A novel metal-organic coordination polymer for selective adsorption of CO2 over CH4. *Chemical Communications*, **2009**, 2493-5	5.8	143
9	Diels–Alder Reactions of Benzyne with Indenyl and Fluorenyl Ruthenium Complexes. *Organometallics*, **2009**, 28, 4602-4605	3.8	4
8	Preparation of crosslinked polymeric nanocapsules by surface-initiated self-condensing vinyl polymerization on silica templates. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 484-9	1.3	15
7	Surface Analysis of Polystyrene-Grafted Keratin Fiber via Surface-Initiated Atom Transfer Radical Polymerization. *Designed Monomers and Polymers*, **2008**, 11, 97-104	3.1	2
6	Halloysite nanotubes grafted hyperbranched (co)polymers via surface-initiated self-condensing vinyl (co)polymerization. *Journal of Nanoparticle Research*, **2008**, 10, 831-838	2.3	43
5	Well-Defined Dendritic-Graft Copolymer Grafted Silica Nanoparticle by Consecutive Surface-Initiated Atom Transfer Radical Polymerizations. *Industrial & Engineering Chemistry Research*, **2007**, 46, 3069-3072	3.9	40
4	High efficiency synthesis of isotactic polypropylene and linear polyethylene using a new C2-symmetric carbon-bridged zirconocene catalyst. *Journal Wuhan University of Technology, Materials Science Edition*, **2007**, 22, 667-672	1	1

3	Diels–Alder Reactions of Benzyne with Indenyl Iron Complexes. *Organometallics*, **2004**, 23, 6225-6230	3.8	18
2	Calcined Oil Shale Semi-coke for Significantly Improved Performance Alginate-Based Film by Crosslinking with Ca2+. *Journal of Polymers and the Environment*,1	4.5	0
1	Synthesis, characterization, and swelling behaviors of sodium carboxymethyl cellulose-g-poly(acrylic acid)/semi-coke superabsorbent. *Polymer Bulletin*,1	2.4	3