

# Bin Mu

## List of Publications by Citations

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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	Carbon nanotubes as optical biomedical sensors. <i>Advanced Drug Delivery Reviews</i> , <b>2013</b> , 65, 1933-50	18.5	245
127	Neurotransmitter detection using corona phase molecular recognition on fluorescent single-walled carbon nanotube sensors. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 713-24	16.4	205
126	Molecular recognition using corona phase complexes made of synthetic polymers adsorbed on carbon nanotubes. <i>Nature Nanotechnology</i> , <b>2013</b> , 8, 959-68	28.7	205
125	Gas Adsorption Study on Mesoporous Metal-Organic Framework UMCM-1. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 6464-6471	3.8	148
124	A novel metal-organic coordination polymer for selective adsorption of CO <sub>2</sub> over CH <sub>4</sub> . <i>Chemical Communications</i> , <b>2009</b> , 2493-5	5.8	143
123	One-pot fabrication of multifunctional superparamagnetic attapulgite/Fe <sub>3</sub> O <sub>4</sub> /polyaniline nanocomposites served as an adsorbent and catalyst support. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 281-289	13	131
122	A Decade of UiO-66 Research: A Historic Review of Dynamic Structure, Synthesis Mechanisms, and Characterization Techniques of an Archetypal Metal-Organic Framework. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 1347-1362	3.5	130
121	Metallized DNA nanolithography for encoding and transferring spatial information for graphene patterning. <i>Nature Communications</i> , <b>2013</b> , 4, 1663	17.4	126
120	Glycol assisted synthesis of graphene-MnO <sub>2</sub> -polyaniline ternary composites for high performance supercapacitor electrodes. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 7872-80	3.6	110
119	Thermal Analysis and Heat Capacity Study of Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 22748-22754	3.8	107
118	Superparamagnetic pH-sensitive multilayer hybrid hollow microspheres for targeted controlled release. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 3135-3144	2.5	65
117	Boronic acid library for selective, reversible near-infrared fluorescence quenching of surfactant suspended single-walled carbon nanotubes in response to glucose. <i>ACS Nano</i> , <b>2012</b> , 6, 819-30	16.7	63
116	Breathing effects of CO <sub>2</sub> adsorption on a flexible 3D lanthanide metal-organic framework. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 10172		61
115	A porous flexible homochiral SrSi <sub>2</sub> array of single-stranded helical nanotubes exhibiting single-crystal-to-single-crystal oxidation transformation. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 436-40	16.4	61
114	Recent advances in molecular recognition based on nanoengineered platforms. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 979-88	24.3	59
113	One-Step Calcination of the Spent Bleaching Earth for the Efficient Removal of Heavy Metal Ions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 1125-1135	8.3	54
112	Facile fabrication of superparamagnetic graphene/polyaniline/FeO nanocomposites for fast magnetic separation and efficient removal of dye. <i>Scientific Reports</i> , <b>2017</b> , 7, 5347	4.9	48

111	Nanoengineered glycan sensors enabling native glycoprofiling for medicinal applications: towards profiling glycoproteins without labeling or liberation steps. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5744-79	58.5	47
110	Preparation of a polyelectrolyte-coated magnetic attapulgite composite for the adsorption of precious metals. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 4804	13	45
109	A structure-function relationship for the optical modulation of phenyl boronic acid-grafted, polyethylene glycol-wrapped single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17620-7	16.4	43
108	Halloysite nanotubes grafted hyperbranched (co)polymers via surface-initiated self-condensing vinyl (co)polymerization. <i>Journal of Nanoparticle Research</i> , <b>2008</b> , 10, 831-838	2.3	43
107	Fabrication of flocculation-resistant pH/ionic strength/temperature multiresponsive hollow microspheres and their controlled release. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 91-101	5.6	42
106	UiO-66 MOF and Poly(vinyl cinnamate) Nanofiber Composite Membranes Synthesized by a Facile Three-Stage Process. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 12386-12392	3.9	40
105	Well-Defined Dendritic-Graft Copolymer Grafted Silica Nanoparticle by Consecutive Surface-Initiated Atom Transfer Radical Polymerizations. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 3069-3072	3.9	40
104	Facile preparation of magnetic 2-hydroxypropyltrimethyl ammonium chloride chitosan/Fe <sub>3</sub> O <sub>4</sub> /halloysite nanotubes microspheres for the controlled release of ofloxacin. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 877-83	10.3	39
103	Emergent properties of nanosensor arrays: applications for monitoring IgG affinity distributions, weakly affined hypermannosylation, and colony selection for biomanufacturing. <i>ACS Nano</i> , <b>2013</b> , 7, 7472-7482	16.7	38
102	Preparation of magnetic attapulgite nanocomposite for the adsorption of Ag <sup>+</sup> and application for catalytic reduction of 4-nitrophenol. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 7083	13	38
101	Palygorskite@Fe <sub>3</sub> O <sub>4</sub> @polyperfluoroalkylsilane nanocomposites for superoleophobic coatings and magnetic liquid marbles. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5859-5868	13	35
100	Fabrication of manganese dioxide/carbon/attapulgite composites derived from spent bleaching earth for adsorption of Pb(II) and Brilliant green. <i>RSC Advances</i> , <b>2016</b> , 6, 36534-36543	3.7	34
99	Particle size studies to reveal crystallization mechanisms of the metal organic framework HKUST-1 during sonochemical synthesis. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 34, 365-370	8.9	32
98	Magnetic-targeted pH-responsive drug delivery system via layer-by-layer self-assembly of polyelectrolytes onto drug-containing emulsion droplets and its controlled release. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 1969-1976	2.5	32
97	A graphene-based physiometer array for the analysis of single biological cells. <i>Scientific Reports</i> , <b>2014</b> , 4, 6865	4.9	29
96	Environmentally friendly synthesis of flexible MOFs M(NA) <sub>2</sub> (M = Zn, Co, Cu, Cd) with large and regenerable ammonia capacity. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 9922-9929	13	29
95	Influences of Deprotonation and Modulation on Nucleation and Growth of UiO-66: Intergrowth and Orientation. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 2200-2206	3.8	28
94	Single-walled carbon nanotube-based near-infrared optical glucose sensors toward in vivo continuous glucose monitoring. <i>Journal of Diabetes Science and Technology</i> , <b>2013</b> , 7, 72-87	4.1	28

93	Superparamagnetic sandwich structured silver/halloysite nanotube/Fe <sub>3</sub> O <sub>4</sub> nanocomposites for 4-nitrophenol reduction. <i>RSC Advances</i> , <b>2014</b> , 4, 39439-39445	3.7	27
92	Template synthesis of graphene/polyaniline hybrid hollow microspheres as electrode materials for high-performance supercapacitor. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	26
91	Monodisperse superparamagnetic pH-sensitive single-layer chitosan hollow microspheres with controllable structure. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 4981-4988	2.5	26
90	Unusual positive effect of SO <sub>2</sub> on Mn-Ce mixed-oxide catalyst for the SCR reaction of NO <sub>x</sub> with NH <sub>3</sub> . <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127071	14.7	26
89	Fabrication of attapulgite/carbon composites from spent bleaching earth for the efficient adsorption of methylene blue. <i>RSC Advances</i> , <b>2015</b> , 5, 38443-38451	3.7	25
88	Facile fabrication of superparamagnetic coaxial gold/halloysite nanotubes/Fe <sub>3</sub> O <sub>4</sub> nanocomposites with excellent catalytic property for 4-nitrophenol reduction. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 7184-7191 <sup>25</sup>	4.3	25
87	Investigation of Missing-Cluster Defects in UiO-66 and Ferrocene Deposition into Defect-Induced Cavities. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 14233-14241	3.9	25
86	Facile hydrothermal synthesis of tubular kapok fiber/MnO <sub>2</sub> composites and application in supercapacitors. <i>RSC Advances</i> , <b>2015</b> , 5, 64065-64075	3.7	24
85	Crosslinked polymeric nanocapsules from polymer brushes grafted silica nanoparticles via surface-initiated atom transfer radical polymerization. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 74, 511-5	6	24
84	Ultimate Control over Hydrogen Bond Formation and Reaction Rates for Scalable Synthesis of Highly Crystalline vdW MOF Nanosheets with Large Aspect Ratio. <i>Advanced Materials</i> , <b>2018</b> , 30, e180249 <sup>24</sup>	7.4	24
83	Disintegration-controllable stimuli-responsive polyelectrolyte multilayer microcapsules via covalent layer-by-layer assembly. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 82, 385-90	6	23
82	Encapsulation of drug microparticles with self-assembled Fe <sub>3</sub> O <sub>4</sub> /alginate hybrid multilayers for targeted controlled release. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2012</b> , 100, 825-31	3.5	22
81	A metal-organic framework with coordinatively unsaturated metal centers and microporous structure. <i>CrystEngComm</i> , <b>2010</b> , 12, 2347	3.3	22
80	Facile Preparation of Crosslinked Polymeric Nanocapsules via Combination of Surface-Initiated Atom Transfer Radical Polymerization and Ultraviolet Irradiated Crosslinking Techniques. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 773-7	5	22
79	Temperature and pH dual-responsive cross-linked polymeric nanocapsules with controllable structures via surface-initiated atom transfer radical polymerization from templates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2011</b> , 7, 789-96	6	21
78	Ag(I)-triggered one-pot synthesis of Ag nanoparticles onto natural nanorods as a multifunctional nanocomposite for efficient catalysis and adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 473, 84-92	9.3	20
77	Nanofiber-based Matrimid organogel membranes for battery separator. <i>Journal of Membrane Science</i> , <b>2018</b> , 546, 158-164	9.6	19
76	Prolonged HKUST-1 functionality under extreme hydrothermal conditions by electrospinning polystyrene fibers as a new coating method. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 270, 34-39	5.3	19

75	Temperature and pH dual responsive crosslinked polymeric nanocapsules via surface-initiated atom transfer radical polymerization. <i>Reactive and Functional Polymers</i> , <b>2012</b> , 72, 983-989	4.6	18
74	Adsorption equilibrium of methane and carbon dioxide on porous metal-organic framework Zn-BTB. <i>Adsorption</i> , <b>2011</b> , 17, 777-782	2.6	18
73	Diels-Alder Reactions of Benzyne with Indenyl Iron Complexes. <i>Organometallics</i> , <b>2004</b> , 23, 6225-6230	3.8	18
72	Hierarchical Pore Structures and High ZIF-8 Loading on Matrimid Electrospun Fibers by Additive Removal from a Blended Polymer Precursor. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 9944-9951	3.9	18
71	Attapulgite/carbon composites as a recyclable adsorbent for antibiotics removal. <i>Korean Journal of Chemical Engineering</i> , <b>2018</b> , 35, 1650-1661	2.8	18
70	Halloysite nanotubes induced synthesis of carbon/manganese dioxide coaxial tubular nanocomposites as electrode materials for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 1257-1263	2.6	17
69	Effect of different clay minerals and calcination temperature on the morphology and color of clay/CoAl <sub>2</sub> O <sub>4</sub> hybrid pigments. <i>RSC Advances</i> , <b>2015</b> , 5, 102674-102681	3.7	17
68	Porous carbon nanoflakes with a high specific surface area derived from a kapok fiber for high-performance electrode materials of supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 6967-6977	3.7	17
67	Metal-organic framework-based mixed-matrix membranes for gas separation: An overview. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 2518-2546	2.4	17
66	Facile fabrication of well-defined polyaniline microtubes derived from natural kapok fibers for supercapacitors with long-term cycling stability. <i>RSC Advances</i> , <b>2016</b> , 6, 68302-68311	3.7	17
65	A cobalt metal-organic framework with small pore size for adsorptive separation of CO <sub>2</sub> over N <sub>2</sub> and CH <sub>4</sub> . <i>AIChE Journal</i> , <b>2017</b> , 63, 4532-4540	3.6	16
64	Adsorption and diffusion of carbon dioxide on the metal-organic framework CuBTB. <i>Chemical Engineering Science</i> , <b>2017</b> , 167, 10-17	4.4	16
63	A Comparative Study on Color Stability of Anthocyanin Hybrid Pigments Derived from 1D and 2D Clay Minerals. <i>Materials</i> , <b>2019</b> , 12,	3.5	16
62	Modeling Nanoparticle Dispersion in Electrospun Nanofibers. <i>Langmuir</i> , <b>2018</b> , 34, 1340-1346	4	16
61	From waste hot-pot oil as carbon precursor to development of recyclable attapulgite/carbon composites for wastewater treatment. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 75, 346-358	6.4	16
60	Attapulgite Modified with Silane Coupling Agent for Phosphorus Adsorption and Deep Bleaching of Refined Palm Oil. <i>Adsorption Science and Technology</i> , <b>2014</b> , 32, 37-48	3.6	16
59	Influence of Particle Size and Loading on Particle Accessibility in Electrospun Poly(ethylene oxide) and ZIF-8 Composite Fibers: Experiments and Theory. <i>Langmuir</i> , <b>2017</b> , 33, 9066-9072	4	15
58	High-Pressure Adsorption Equilibrium of CO <sub>2</sub> , CH <sub>4</sub> , and CO on an Impregnated Activated Carbon. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 390-397	2.8	15

57	Preparation of crosslinked polymeric nanocapsules by surface-initiated self-condensing vinyl polymerization on silica templates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 484-9	1.3	15
56	A functional cross linked polymeric nanocapsule with pH-responsive brushes on its inner wall: Preparation, characterization and controlled release. <i>Reactive and Functional Polymers</i> , <b>2010</b> , 70, 578-584	4.6	15
55	Effects of Activation Temperature and Densification on Adsorption Performance of MOF MIL-100(Cr). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 5814-5823	2.8	13
54	A Porous Flexible Homochiral SrSi <sub>2</sub> Array of Single-Stranded Helical Nanotubes Exhibiting Single-Crystal-to-Single-Crystal Oxidation Transformation. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 456-460	3.6	13
53	Preparation of manganese dioxide/multiwalled carbon nanotubes hybrid hollow microspheres via layer-by-layer assembly for supercapacitor. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 7581-7586	4.3	12
52	Preparation of effective carvacrol/attapulgitite hybrid antibacterial materials by mechanical milling. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 843-853	2.4	12
51	Monte Carlo Simulations to Examine the Role of Pore Structure on Ambient Air Separation in Metal-Organic Frameworks. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 9240-9253	3.9	11
50	Generating selective saccharide binding affinity of phenyl boronic acids by using single-walled carbon nanotube corona phases. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4523-8	4.8	11
49	Facile fabrication of polyaniline/kapok fiber composites via a semidry method and application in adsorption and catalyst support. <i>Cellulose</i> , <b>2015</b> , 22, 615-624	5.5	11
48	Morphology control of polyaniline by dopant grown on hollow carbon fibers as high-performance supercapacitor electrodes. <i>Cellulose</i> , <b>2017</b> , 24, 5579-5592	5.5	10
47	Formation and Coloring Mechanism of Typical Aluminosilicate Clay Minerals for CoAlO Hybrid Pigment Preparation. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 125	5	10
46	All-solid-state high-energy asymmetric supercapacitor based on natural tubular fibers. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 11659-11670	4.3	10
45	Incorporation of Lutein on Layered Double Hydroxide for Improving the Environmental Stability. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
44	From adsorbents to electrode materials: facile hydrothermal synthesis of montmorillonite/polyaniline/metal oxide (hydroxide) composites. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 2687-2695	3.6	9
43	Polymeric Nanocapsule from Silica Nanoparticle@Cross-linked Polymer Nanoparticles via One-Pot Approach. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 1271-4	5	9
42	Halloysite nanotubes template-induced fabrication of carbon/manganese dioxide hybrid nanotubes for supercapacitors. <i>Ionics</i> , <b>2015</b> , 21, 2329-2336	2.7	8
41	Structure and function of glucose binding protein-single walled carbon nanotube complexes. <i>Small</i> , <b>2012</b> , 8, 3510-6	11	8
40	Rapid CO <sub>2</sub> capture from ambient air by sorbent-containing porous electrospun fibers made with the solvothermal polymer additive removal technique. <i>AIChE Journal</i> , <b>2019</b> , 65, 214-220	3.6	8

39	Composite MOF mixture as volatile organic compound sensor [A new approach to LMOF sensors. <i>Materials Letters</i> , <b>2017</b> , 190, 33-36	3.3	7
38	Nonprecious Nanoalloys Embedded in N-Enriched Mesoporous Carbons Derived from a Dual-MOF as Highly Active Catalyst towards Oxygen Reduction Reaction. <i>ChemistrySelect</i> , <b>2018</b> , 3, 7913-7920	1.8	7
37	Aggregation-Resistant Superparamagnetic Noncovalent Hybrid Multilayer Hollow Microcapsules in High Ionic Strength Media. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 13875-13881	3.9	7
36	Microscopy Study of Morphology of Electrospun Fiber-MOF Composites with Secondary Growth. <i>MRS Advances</i> , <b>2017</b> , 2, 2457-2463	0.7	6
35	Preparation and Antibacterial Activity of ZnO/Palygorskite Nanocomposites Using Different Types of Surfactants. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 3808-3817	3.2	6
34	Biocompatible and Biodegradable Polymeric Nanocapsules from Poly(malic acid)-Grafted Nano-silica Templates. <i>Designed Monomers and Polymers</i> , <b>2011</b> , 14, 39-45	3.1	6
33	CoAlO/Kaoline Hybrid Pigment Prepared via Solid-Phase Method for Anticorrosion Application. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 586	5	6
32	Fabrication of Eco-Friendly Betanin Hybrid Materials Based on Palygorskite and Halloysite. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
31	Temperature-responsive ionic-crosslinked polymeric nanocapsules via Self-templating Approach. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 84, 267-71	6	5
30	Preparation of Photo-Sensitive Degradable Polymeric Nanocapsules from Dendrimer Grafted Nano-Silica Templates. <i>Soft Materials</i> , <b>2011</b> , 9, 382-392	1.7	5
29	Porous Fe@C Composites Derived from Silkworm Excrement for Effective Separation of Anisole Compounds. <i>ACS Omega</i> , <b>2019</b> , 4, 21204-21213	3.9	5
28	Comparative study on photocatalytic degradation of Congo red using different clay mineral/CdS nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 5383-5392	2.1	4
27	Superparamagnetic Temperature-Responsive Ionic-Cross-Linked Polymeric Hybrid Nanocapsules via Self-Templating Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 3350-3355	3.9	4
26	Diels-Alder Reactions of Benzyne with Indenyl and Fluorenyl Ruthenium Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 4602-4605	3.8	4
25	Novel temperature-sensitive crosslinked polymeric nanocapsules. <i>Materials Letters</i> , <b>2010</b> , 64, 1978-1980	3.3	4
24	A stable metal-organic framework with well-matched pore cavity for efficient acetylene separation. <i>AIChE Journal</i> , <b>2021</b> , 67, e17152	3.6	4
23	Reversible Thermochromic Superhydrophobic BiVO Hybrid Pigments Coatings with Self-Cleaning Performance and Environmental Stability Based on Kaolinite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 3228-3236	9.5	4
22	Bio-template synthesis of three-dimensional microtubular nickel-cobalt layered double hydroxide composites for energy storage. <i>Cellulose</i> , <b>2018</b> , 25, 4121-4131	5.5	4

21	Achieving Morphological Control over Lamellar Manganese Metal-Organic Framework through Modulated Bi-Phase Growth. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9408-9413	16.4	3
20	Magnetoadsorptive Particles Enabling the Centrifugation-Free, Preparative-Scale Separation, and Sorting of Single-Walled Carbon Nanotubes. <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 1097-1104	3.1	3
19	Preparation and Characterization of PVC-based Photoresponsive Polymers Containing Azo-chromophores. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2010</b> , 47, 833-838	2.2	3
18	Core-shell adsorbents by electrospun MOF-polymer composites with improved adsorption properties: Theory and experiments. <i>AIChE Journal</i> , <b>2020</b> , 66, e16816	3.6	3
17	Removal of a cationic dye from aqueous solution by a porous adsorbent templated from eco-friendly Pickering MIPEs using chitosan-modified semi-coke particles. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 3848-3856	3.6	3
16	Synthesis, characterization, and swelling behaviors of sodium carboxymethyl cellulose-g-poly(acrylic acid)/semi-coke superabsorbent. <i>Polymer Bulletin</i> , 1	2.4	3
15	A Stable Amine-Functionalized Microporous Metal-Organic Framework for Thermodynamically and Kinetically Selective Gas Separations. <i>ChemistrySelect</i> , <b>2019</b> , 4, 3841-3847	1.8	2
14	Polymeric nanocapsules with controllable crosslinking degree via combination of surface-initiated atom transfer radical polymerisation and photocrosslinking techniques. <i>IET Nanobiotechnology</i> , <b>2013</b> , 7, 63-8	2	2
13	Surface Analysis of Polystyrene-Grafted Keratin Fiber via Surface-Initiated Atom Transfer Radical Polymerization. <i>Designed Monomers and Polymers</i> , <b>2008</b> , 11, 97-104	3.1	2
12	High efficiency synthesis of isotactic polypropylene and linear polyethylene using a new C <sub>2</sub> -symmetric carbon-bridged zirconocene catalyst. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2007</b> , 22, 667-672	1	1
11	Preparation and Carbonization of Metal Organic Framework Zn(bdc)(ted) <sub>0.5</sub> for Enhancing Moisture Resistance and Methane Storage Capacity. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 3809-3818	3.9	1
10	Incorporation of Different Metal Ion for Tuning Color and Enhancing Antioxidant Activity of Curcumin/Palygorskite Hybrid Materials.. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 760941	5	1
9	Calcined Oil Shale Semi-coke for Significantly Improved Performance Alginate-Based Film by Crosslinking with Ca <sup>2+</sup> . <i>Journal of Polymers and the Environment</i> , 1	4.5	0
8	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. <i>Chemosphere</i> , <b>2021</b> , 132543	8.4	0
7	From the Waste Semicoke to Superabsorbent Composite: Synthesis, Characterization and Performance Evaluation. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 4017	4.5	0
6	Electronic and catalytic engineering in two-dimensional vdW metal-organic frameworks through alloying. <i>Applied Physics Reviews</i> , <b>2021</b> , 8, 031411	17.3	0
5	Mechanochemical synthesis of multifunctional kaolin@ BiVO <sub>4</sub> hybrid pigments for coloring and reinforcing of acrylonitrile-butadiene-styrene. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 52266	2.9	0
4	Achieving Morphological Control over Lamellar Manganese Metal-Organic Framework through Modulated Bi-Phase Growth. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 9494-9499	3.6	



- 3 Photo-Sensitive and Degradable Polymeric Nanocapsules from Hyperbranched Poly(Amine Ester) Grafted Nano-Silica Templates. *Current Nanoscience*, **2010**, 6, 604-609 1.4
- 2 Facile fabrication of a stable fluorescent yellow X-10GFF/palygorskite hybrid pigment via semi-dry grinding. *Clay Minerals*, **2021**, 56, 37-45 1.3
- 1 The Effects of Surface Modification of ATP on the Performance of CeO<sub>2</sub>WO<sub>3</sub>/TiO<sub>2</sub> Catalyst for the Selective Catalytic Reduction of NO<sub>x</sub> with NH<sub>3</sub>. *Catalysis Surveys From Asia*, **2021**, 25, 301-311 2.8