

Zhiping Zhou

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162
papers

2,724
citations

27
h-index

43
g-index

166
ext. papers

3,167
ext. citations

3.7
avg, IF

5.43
L-index

#	Paper	IF	Citations
162	Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. <i>Chemical Engineering Journal</i> , 2016 , 304, 609-620	14.7	111
161	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , 2019 , 573, 226-233	9.6	111
160	Bio-inspired fabrication of superhydrophilic nanocomposite membrane based on surface modification of SiO ₂ anchored by polydopamine towards effective oil-water emulsions separation. <i>Separation and Purification Technology</i> , 2019 , 209, 434-442	8.3	107
159	Molecular Weight Distribution of Hyperbranched Polymers Generated by Self-Condensing Vinyl Polymerization in Presence of a Multifunctional Initiator. <i>Macromolecules</i> , 1999 , 32, 245-250	5.5	83
158	Molecular Weight Distribution of Hyperbranched Polymers Generated from Polycondensation of AB ₂ Type Monomers in the Presence of Multifunctional Core Moieties. <i>Macromolecules</i> , 1999 , 32, 819-824	5.5	82
157	An eco-friendly molecularly imprinted fluorescence composite material based on carbon dots for fluorescent detection of 4-nitrophenol. <i>Mikrochimica Acta</i> , 2016 , 183, 2197-2203	5.8	80
156	Highly-controllable imprinted polymer nanoshell at the surface of magnetic halloysite nanotubes for selective recognition and rapid adsorption of tetracycline. <i>RSC Advances</i> , 2014 , 4, 7967	3.7	58
155	Synthesis of magnetic molecularly imprinted polymer particles for selective adsorption and separation of dibenzothiophene. <i>Mikrochimica Acta</i> , 2012 , 179, 123-130	5.8	58
154	Synthesis and characterization of fluorescence molecularly imprinted polymers as sensor for highly sensitive detection of dibutyl phthalate from tap water samples. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 1114-1122	8.5	57
153	Development of composite membranes with irregular rod-like structure via atom transfer radical polymerization for efficient oil-water emulsion separation. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 278-286	9.3	54
152	Kinetic analysis of the polycondensation of AB _g type monomer with a multifunctional core. <i>Polymer</i> , 2000 , 41, 4549-4558	3.9	49
151	Synthesis of surface molecular imprinting polymer on SiO ₂ -coated CdTe quantum dots as sensor for selective detection of sulfadimidine. <i>Applied Surface Science</i> , 2017 , 404, 188-196	6.7	48
150	Surface molecular imprinting on hybrid SiO ₂ -coated CdTe nanocrystals for selective optosensing of bisphenol A and its optimal design. <i>Applied Surface Science</i> , 2015 , 345, 405-417	6.7	48
149	Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of Erythrothrin. <i>Journal of Luminescence</i> , 2014 , 153, 326-332	3.8	48
148	Facile polymerizable surfactant inspired synthesis of fluorescent molecularly imprinted composite sensor via aqueous CdTe quantum dots for highly selective detection of Erythrothrin. <i>Sensors and Actuators B: Chemical</i> , 2016 , 224, 315-324	8.5	44
147	Highly-controllable imprinted polymer nanoshell at the surface of silica nanoparticles based room-temperature phosphorescence probe for detection of 2,4-dichlorophenol. <i>Analytica Chimica Acta</i> , 2015 , 870, 83-91	6.6	41
146	Nucleation details of nanohybrid shish-kebabs in polymer solutions studied by molecular simulations. <i>Polymer</i> , 2015 , 76, 1-7	3.9	40

145	Preparation and evaluation of hollow molecular imprinted polymer for adsorption of dibenzothiophene. <i>Applied Surface Science</i> , 2012 , 258, 6583-6589	6.7	40
144	Synthesis and Characterization of a Surface Molecular Imprinted Polymer as a New Adsorbent for the Removal of Dibenzothiophene. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1713-1720	2.8	40
143	A tailored molecular imprinting ratiometric fluorescent sensor based on red/blue carbon dots for ultrasensitive tetracycline detection. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 72, 100-106	6.3	40
142	Distribution function of hyperbranched polymers formed by AB ₂ type polycondensation with substitution effect. <i>Polymer</i> , 2006 , 47, 1473-1479	3.9	38
141	Design of Self-Healing Rubber by Introducing Ionic Interaction To Construct a Network Composed of Ionic and Covalent Cross-Linking. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 14848-14858	3.9	36
140	A General Model for the Kinetics of Self-Condensing Vinyl Polymerization. <i>Macromolecules</i> , 2008 , 41, 4429-4434	5.5	35
139	Dynamic Monte Carlo simulations of effects of nanoparticle on polymer crystallization in polymer solutions. <i>Computational Materials Science</i> , 2018 , 147, 217-226	3.2	34
138	Features of strain-induced crystallization of natural rubber revealed by experiments and simulations. <i>Polymer Journal</i> , 2017 , 49, 309-317	2.7	32
137	Molecularly imprinted polymer nanospheres based on Mn-doped ZnS QDs via precipitation polymerization for room-temperature phosphorescence probing of 2,6-dichlorophenol. <i>RSC Advances</i> , 2015 , 5, 19799-19806	3.7	28
136	Relaxation and Crystallization of Oriented Polymer Melts with Anisotropic Filler Networks. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 1426-1437	3.4	27
135	Constructing carbon dots and CdTe quantum dots multi-functional composites for ultrasensitive sensing and rapid degrading ciprofloxacin. <i>Sensors and Actuators B: Chemical</i> , 2019 , 289, 242-251	8.5	27
134	Specific recognition and fluorescent determination of aspirin by using core-shell CdTe quantum dot-imprinted polymers. <i>Mikrochimica Acta</i> , 2015 , 182, 1527-1534	5.8	26
133	Simple synthesis of thioglycolic acid-coated CdTe quantum dots as probes for Norfloxacin lactate detection. <i>Journal of Luminescence</i> , 2015 , 161, 47-53	3.8	26
132	Kinetic model of star-branched polycondensation. <i>Macromolecular Theory and Simulations</i> , 1998 , 7, 13-18.5	1.5	26
131	A novel molecularly imprinted polymer thin film at surface of ZnO nanorods for selective fluorescence detection of para-nitrophenol. <i>RSC Advances</i> , 2015 , 5, 44088-44095	3.7	25
130	Controllability of Polymer Crystal Orientation Using Heterogeneous Nucleation of Deformed Polymer Loops Grafted on Two-Dimensional Nanofiller. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 6685-6690	3.4	25
129	Molecular simulations of crystallization behaviors of polymers grafted on two-dimensional filler. <i>Polymer</i> , 2016 , 100, 10-18	3.9	25
128	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. <i>New Journal of Chemistry</i> , 2018 , 42, 118-128	3.6	24

127	Versatile Method To Obtain Homogeneous Imprinted Polymer Thin Film at Surface of Superparamagnetic Nanoparticles for Tetracycline Binding. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 7157-7166	3.9	23
126	Mean-square radius of gyration of polymer chains. <i>Macromolecular Theory and Simulations</i> , 1997 , 6, 597-611	1.5	23
125	Rational preparation of dibenzothiophene-imprinted polymers by surface imprinting technique combined with atom transfer radical polymerization. <i>Applied Surface Science</i> , 2013 , 282, 809-819	6.7	22
124	Mean-Square Radius of Gyration and Degree of Branching of Highly Branched Copolymers Resulting from the Copolymerization of AB ₂ With AB Monomers. <i>Macromolecular Theory and Simulations</i> , 2004 , 13, 724-730	1.5	22
123	Theoretical investigation on the polyaddition of A ₂ and CB ₂ monomers with non-equal reactivity. <i>Polymer</i> , 2009 , 50, 5608-5612	3.9	20
122	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li. <i>Carbohydrate Polymers</i> , 2019 , 205, 492-499	10.3	20
121	Effect of the polymer-substrate interactions on crystal nucleation of polymers grafted on a flat solid substrate as studied by molecular simulations. <i>Polymer</i> , 2017 , 123, 169-178	3.9	19
120	Fabrication of acrylamide decorated superhydrophilic and underwater superoleophobic poly(vinylidene fluoride) membranes for oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 95, 300-307	5.3	18
119	Intrinsic correlations between dynamic heterogeneity and conformational transition in polymers during glass transition. <i>Journal of Chemical Physics</i> , 2014 , 141, 074901	3.9	18
118	A mesoporous fluorescent sensor based on ZnO nanorods for the fluorescent detection and selective recognition of tetracycline. <i>RSC Advances</i> , 2016 , 6, 71061-71069	3.7	17
117	Temperature Dependence of Structural Properties and Chain Configurational Study: A Molecular Dynamics Simulation of Polyethylene Chains. <i>Macromolecular Theory and Simulations</i> , 2015 , 24, 335-343	1.5	17
116	Selective Adsorption of Dibenzothiophene Using Magnetic Molecularly Imprinted Polymers. <i>Adsorption Science and Technology</i> , 2012 , 30, 331-343	3.6	17
115	Dynamic Monte Carlo simulations of competition in crystallization of mixed polymers grafted on a substrate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 89-97	2.6	17
114	Blocked crystallization in capped ultrathin polymer films studied by molecular simulations. <i>Polymer International</i> , 2019 , 68, 218-224	3.3	17
113	Polymer crystal nucleation with confinement-enhanced orientation dominating the formation of nanohybrid shish-kebabs with multiple shish. <i>RSC Advances</i> , 2016 , 6, 50451-50459	3.7	16
112	Formation mechanism of reverse kebab structure inside hollow nanotubes studied by molecular simulations. <i>Computational Materials Science</i> , 2018 , 153, 348-355	3.2	16
111	Effect of Multifunctional Initiator on Self-Condensing Vinyl Polymerization with Nonequal Molar Ratio of Stimulus to Monomer. <i>Macromolecules</i> , 2009 , 42, 4047-4052	5.5	16
110	Molecular simulations of microscopic mechanism of the effects of chain length on stereocomplex formation in polymer blends. <i>Computational Materials Science</i> , 2020 , 172, 109297	3.2	16

109	Monte Carlo simulations of stereocomplex formation in multiblock copolymers. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 13296-13303	3.6	15
108	Interface engineered 2D/2D Ni(OH) ₂ /Bi ₄ Ti ₃ O ₁₂ nanocomposites with higher charge transfer towards improving photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2020 , 816, 152530	5.7	15
107	Self-healing Polyurethane Elastomer Based on Molecular Design: Combination of Reversible Hydrogen Bonds and High Segment Mobility. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 683-694	3.2	15
106	Ratiometric fluorescence nanosensors based on core-shell structured carbon/CdTe quantum dots and surface molecularly imprinted polymers for the detection of sulfadiazine. <i>Journal of Separation Science</i> , 2018 , 41, 4394-4401	3.4	15
105	SiO ₂ -MIP core-shell nanoparticles containing gold nanoclusters for sensitive fluorescence detection of the antibiotic erythromycin. <i>Mikrochimica Acta</i> , 2017 , 184, 2241-2248	5.8	14
104	Narrowly dispersed imprinted microspheres with hydrophilic polymer brushes for the selective removal of sulfamethazine. <i>RSC Advances</i> , 2014 , 4, 1965-1973	3.7	14
103	Kinetic theory of self-condensing vinyl polymerization. <i>Science China Chemistry</i> , 2010 , 53, 2429-2439	7.9	14
102	The Distribution of Glass Transition Temperatures in Ultrathin Polymer Films Controlled by Segment Density or Interfacial Interaction. <i>Macromolecular Theory and Simulations</i> , 2016 , 25, 187-195	1.5	13
101	Synthesis of cauliflower-like ion imprinted polymers for selective adsorption and separation of lithium ion. <i>New Journal of Chemistry</i> , 2018 , 42, 14502-14509	3.6	13
100	Kinetic analysis of AB ₂ polycondensation in the presence of multifunctional cores with various reactivities. <i>Polymer</i> , 2012 , 53, 3386-3391	3.9	13
99	Preparation and characterization of magnetic molecularly imprinted polymers for selective recognition of 3-methylindole. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 2859-2866	2.9	13
98	The effect of molecular weight of polymers grafted in two-dimensional filler on crystallization behaviors studied by dynamic Monte Carlo simulations. <i>Computational Materials Science</i> , 2018 , 155, 144-150	3.2	13
97	Segmental dynamics in interfacial region of composite materials. <i>Monatshefte für Chemie</i> , 2017 , 148, 1285-1293	1.4	12
96	Role of oxygen vacancies in V-doped ZnO diluted magnetic semiconductors. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 2466-2470	2.1	12
95	Magnetic and hydrophilic imprinted particles via ATRP at room temperature for selective separation of sulfamethazine. <i>Colloid and Polymer Science</i> , 2014 , 292, 333-342	2.4	12
94	Preparation of silica-based surface-imprinted core-shell nanoadsorbents for the selective recognition of sulfamethazine via reverse atom transfer radical precipitation polymerization. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	12
93	Effect of slow monomer addition on molecular parameters of hyperbranched polymers synthesized in the presence of multifunctional core molecules. <i>Science China Chemistry</i> , 2010 , 53, 891-897	7.9	12
92	Epitaxial orientation and localized microphase separation prior to formation of nanohybrid shish-kebabs induced by one-dimensional nanofiller in miscible diblock copolymers with selective interaction. <i>Polymer</i> , 2019 , 166, 72-80	3.9	12

91	One-dimensional nanofiller induced crystallization in random copolymers studied by dynamic Monte Carlo simulations. <i>Molecular Simulation</i> , 2020 , 46, 669-677	2	12
90	Correlation between molecular weight and confined crystallization behavior of polymers grafted onto a zero-dimensional filler. <i>CrystEngComm</i> , 2020 , 22, 1779-1788	3.3	11
89	Effect of interface on bulk polymer: control of glass transition temperature of rubber. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	11
88	Preparation and application of sulfadiazine surface molecularly imprinted polymers with temperature-responsive properties. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	11
87	Configurational-conformational statistics of atactic polypropylene. <i>Polymer</i> , 1993 , 34, 2830-2835	3.9	11
86	Superhydrophobic sponge with the rod-spherical microstructure via palygorskite-catalyzed hydrolysis and condensation of vinyltriethoxysilane for oil-water separation. <i>Applied Clay Science</i> , 2020 , 199, 105872	5.2	11
85	Stereocomplex formation in mixed polymers filled with two-dimensional nanofillers. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 6443-6452	3.6	10
84	Visual monitoring of trace water in organic solvents based on ecofriendly b/r-CDs ratiometric fluorescence test paper. <i>Talanta</i> , 2020 , 216, 120958	6.2	10
83	Molecular dynamics simulations of nucleation details in stretched polyethylene. <i>Polymer</i> , 2020 , 195, 122442	3.9	10
82	Synthesis and evaluation of a molecularly imprinted polymer with high-efficiency recognition for dibutyl phthalate based on Mn-doped ZnS quantum dots. <i>RSC Advances</i> , 2016 , 6, 54615-54622	3.7	10
81	A biomimetic <i>Setaria viridis</i> -inspired imprinted nanoadsorbent: green synthesis and application to the highly selective and fast removal of sulfamethazine. <i>RSC Advances</i> , 2016 , 6, 9619-9630	3.7	10
80	Surface hydrophilic imprinted particles via a green precipitation polymerization for selective removal of tetracycline from aqueous solution. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 489-497 ²		10
79	The Length of Hydrophobic Chain in Amphiphilic Polypeptides Regulates the Efficiency of Gene Delivery. <i>Polymers</i> , 2018 , 10,	4.5	10
78	Construction of superhydrophilic and underwater superoleophobic membranes via in situ oriented NiCo-LDH growth for gravity-driven oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 104, 240-249	5.3	10
77	Kinetic analysis of co-polycondensation of AB ₂ and AB type monomers in presence of multi-functional cores. <i>Polymer</i> , 2010 , 51, 2763-2768	3.9	10
76	Third-order interaction approximation for linear polymer chains. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991 , 29, 877-882	2.6	10
75	Structural characteristics of a cooperatively rearranging region during the glass transition of a polymer system. <i>RSC Advances</i> , 2015 , 5, 17726-17731	3.7	9
74	Development of surface imprinting polymer as a selective adsorbent for adsorbing and separating dibenzothiophene from fuel oil. <i>Research on Chemical Intermediates</i> , 2015 , 41, 2619-2633	2.8	9

73	Surface molecularly imprinted polymers based ZnO quantum dots as fluorescence sensors for detection of diethylhexyl phthalate with high sensitivity and selectivity. <i>Polymer International</i> , 2018 , 67, 1003-1010	3.3	9
72	Magnetic organic/inorganic nanocomposite with ultrathin imprinted polymers via an in situ surface-initiated approach for specific separation of chloramphenicol. <i>RSC Advances</i> , 2016 , 6, 70383-70397	3.7	9
71	Kinetic analysis of self-condensing vinyl polymerization with unequal reactivities. <i>Science Bulletin</i> , 2008 , 53, 3516-3521	10.6	9
70	Molecular simulation of crystallization of polymers confined in cylindrical nanodomain. <i>Polymer</i> , 2020 , 206, 122818	3.9	9
69	The influences of grafting density and polymer/nanoparticle interaction on crystallisation of polymer composites. <i>Molecular Simulation</i> , 2020 , 46, 678-688	2	9
68	Core-Shell Magnetic Molecularly Imprinted Polymer Prepared for Selectively Removed Indole from Fuel Oil. <i>Advances in Polymer Technology</i> , 2017 , 36, 168-176	1.9	8
67	Surface imprinted polymers for oil denitrification with the combination of computational simulation and multi-template molecular imprinting. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 476-486	3.2	8
66	Core-shell emulsion polymerization of styrene and butyl acrylate in the presence of polymerizable emulsifier. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	8
65	One-pot method for obtaining hydrophilic tetracycline-imprinted particles via precipitation polymerization in ethanol. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	8
64	Rational design and preparation for novel denitrogenation adsorbents by computational simulation and improved atom transfer radical polymerization. <i>New Journal of Chemistry</i> , 2013 , 37, 2758	3.6	8
63	Rational design and preparation of dibenzothiophene-targeting molecularly imprinted polymers with molecular dynamics approaches and surface-initiated activators regenerated by electron-transfer atom-transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	7
62	Mean-square radius of gyration of polysiloxanes. <i>Macromolecular Theory and Simulations</i> , 1997 , 6, 161-168	5	7
61	Improved expression of mean-square radius of gyration. I. Vinyl polymers. <i>Journal of Chemical Physics</i> , 1992 , 96, 4792-4800	3.9	7
60	The Effect of Grafting Density on the Crystallization Behaviors of Polymer Chains Grafted onto One-Dimensional Nanorod. <i>Advances in Polymer Technology</i> , 2019 , 2019, 1-10	1.9	7
59	Robust, fluorine-free and superhydrophobic composite melamine sponge modified with dual silanized SiO ₂ microspheres for oil/water separation. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 33, 50-60	3.2	7
58	A smart gene delivery platform: Cationic oligomer. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 105, 33-40	5.1	6
57	Swelling technique inspired synthesis of a fluorescent composite sensor for highly selective detection of bifenthrin. <i>RSC Advances</i> , 2015 , 5, 79511-79518	3.7	6
56	Carbon dots incorporated metal-organic framework for enhancing fluorescence detection performance. <i>Journal of Materials Science</i> , 2020 , 55, 14153-14165	4.3	6

55	Preparation and properties study of waterborne polyurethane synthesized by mixing polyester diols and isocyanates. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49314	2.9	6
54	Competition Between Interfacial Interaction and Microphase Separation in Crystallization of Filled Block Copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 1516-1526	2.6	6
53	Kinetic treatment for the copolycondensation of A2 and CB2 monomers with non-equal reactivity. <i>Polymer</i> , 2011 , 52, 5387-5392	3.9	6
52	Configurational-conformational statistics of stereoirregular poly(methyl methacrylate)s. <i>Journal of Macromolecular Science - Physics</i> , 1999 , 38, 217-225	1.4	6
51	The orientational orders of poly(α -phenethyl L-aspartate) in two opposite helical form: a molecular dynamic simulation. <i>Monatshefte für Chemie</i> , 2017 , 148, 1251-1258	1.4	5
50	Preparation and fluid drag reduction properties of superhydrophobic paper-based films comprising carbon nanotubes and fluoropolymers. <i>Science and Engineering of Composite Materials</i> , 2017 , 24, 177-184	1.5	5
49	Multilayer onion-like vesicles self-assembled from amphiphilic hyperbranched multiarm copolymers via simulation. <i>Journal of Polymer Science</i> , 2020 , 58, 704-715	2.4	5
48	Temperature Dependence of Polypropylene Configurations. <i>Macromolecular Theory and Simulations</i> , 2014 , 23, 76-83	1.5	5
47	Kinetic analysis of A2+B3 hyperbranched polymerization approach. <i>Polymer</i> , 2014 , 55, 2952-2958	3.9	5
46	Improved expression of the mean-square radius of gyration, 2. Poly(1,1-disubstituted ethylene)s. <i>Macromolecular Theory and Simulations</i> , 1995 , 4, 155-164	1.5	5
45	Molecularly imprinted polymers-captivity ZnO nanorods for sensitive and selective detecting environmental pollutant. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117785	4.4	5
44	Insights into the Crystallization of Polymer Nanocomposite Systems Blended with Grafted and Free Chains Studied by Molecular Simulation. <i>Crystal Growth and Design</i> , 2021 , 21, 2243-2254	3.5	5
43	Reinforcement and Toughening of Rubber by Bridging Graphene and Nanosilica. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 337-348	3.2	5
42	The effect of grafting density on the crystallization behavior of one-dimensional confined polymers. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50064	2.9	5
41	Fluorometric determination of sulfadiazine by using molecularly imprinted poly(methyl methacrylate) nanobeads doped with manganese(II)-doped ZnS quantum dots. <i>Mikrochimica Acta</i> , 2019 , 186, 625	5.8	4
40	The Radius of Gyration of the Products of Hyperbranched Polymerization. <i>Macromolecular Theory and Simulations</i> , 2014 , 23, 218-226	1.5	4
39	Preparation of a novel magnetic and thermo-responsive composite and its application in drug release. <i>Monatshefte für Chemie</i> , 2017 , 148, 1205-1213	1.4	4
38	Optimal design of an imprinted preassembled system by quantum chemical calculations and preparation of a surface-imprinted material for the selective removal of quinoline. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	4

37	Kinetic Analysis of the Amphiphilic Star Block Copolymerization. <i>Macromolecular Theory and Simulations</i> , 2012 , 21, 83-89	1.5	4
36	Synthesis of Hyperbranched Multiarm Star Block Copolymers and Their Application as a Drug-Delivery System. <i>Advances in Polymer Technology</i> , 2013 , 32,	1.9	4
35	Kinetic Theory of Hyperbranched Polymerization 2011 , 333-367		4
34	Theoretical study on the linking process of divinyl compounds with living precursors, 1. Uniform precursor chains. <i>Macromolecular Theory and Simulations</i> , 1997 , 6, 1211-1235	1.5	4
33	Configurational-conformational statistics of stereoirregular polystyrene. <i>Macromolecular Theory and Simulations</i> , 1996 , 5, 939-945	1.5	4
32	Comparative Study on Dynamical Heterogeneity of Ring and Linear Polymers. <i>Macromolecular Theory and Simulations</i> , 2016 , 25, 9-15	1.5	4
31	Preparation and Properties of Magnetic Molecularly Imprinted Polymers and Their Use as Adsorbents for Selective Adsorption of Indole. <i>Adsorption Science and Technology</i> , 2014 , 32, 509-519	3.6	3
30	Polymer Nanocomposites: Role of modified filler content and interfacial interaction on crystallization. <i>European Polymer Journal</i> , 2022 , 162, 110894	5.2	3
29	Kinetic theory of A2+B3+B2 type hyperbranched polymerization. <i>Polymer</i> , 2019 , 185, 121985	3.9	3
28	Molecular simulations of fragility of linear and ring polymers. <i>Computational Materials Science</i> , 2018 , 142, 200-205	3.2	3
27	The Orientational Order of the Helical Backbone of Poly(Benzyl L-Glutamate) Molecular Dynamics Simulation. <i>Polymers and Polymer Composites</i> , 2015 , 23, 51-58	0.8	2
26	CONFIGURATIONAL-CONFORMATIONAL STATISTICS OF POLY(ETHYLENE-PROPYLENE)S. <i>Journal of Macromolecular Science - Physics</i> , 2001 , 40, 231-237	1.4	2
25	One-step Condensation/copolymerization of VTES and DVB for Self-assembly Bionic Superhydrophobic Surface Coating and Study on Oil-water Separation. <i>Journal of Bionic Engineering</i> , 2021 , 18, 559-573	2.7	2
24	Preparation of Epoxidized Natural Rubbers with Improved Aging Resistance by Covalently Bridging Graphene and Antioxidants. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 1553-1565	3.2	2
23	Theoretical Methods of the Size Distribution Function for the Products of Hyperbranched Polymerization. <i>Macromolecular Theory and Simulations</i> , 2021 , 30, 2000039	1.5	2
22	Molecular simulation of polymer crystallization under chain and space confinement. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 17382-17391	3.6	2
21	Laminate design, optimization, and testing of an innovative carbon fiber-reinforced composite sandwich panel for high-speed train. <i>Polymer Composites</i> , 2021 , 42, 5811	3	2
20	Coordination-driven in-situ self-assembled prussian blue/alginate hydrogels composite mesh with underwater superoleophobicity for oil/water separation and self-cleaning performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 126, 341-350	5.3	2

19	Kinetic Model of the Amphiphilic Copolymers with Hyperbranched Core Formed by AB ₂ Monomer and BF Initiator. <i>Macromolecular Theory and Simulations</i> , 2015 , 24, 271-278	1.5	1
18	Preparation of Surface Molecularly Imprinted Polymers for Selective Removal and Determination of Sulphamethoxazole from Aqueous Media. <i>Adsorption Science and Technology</i> , 2015 , 33, 45-62	3.6	1
17	Synthesis of self-crosslinking soap-free emulsion with ketone and hydrazine to modify the properties of corrugated paper. <i>Journal of the Chinese Advanced Materials Society</i> , 2015 , 3, 188-201		1
16	Surface imprinted core-shell nanorod with ultrathin water-compatible polymer brushes for specific recognition and adsorption of sulfamethazine in water medium. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	1
15	Synthesis of functional emulsions with core-shell structures as surface sizing agents for paper. <i>Journal of the Chinese Advanced Materials Society</i> , 2014 , 2, 284-293		1
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