Zhiping Zhou

List of Publications by Year in Descending Order

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	Novel Electrochemical Sensor Based on Molecularly Imprinted Polymers with MWCNTs-SiO2 for Selective and Sensitive Detecting 2,4-D. *Journal of Inorganic and Organometallic Polymers and Materials*, **2022**, 32, 572-582	3.2	1
161	Polymer Nanocomposites: Role of modified filler content and interfacial interaction on crystallization. *European Polymer Journal*, **2022**, 162, 110894	5.2	3
160	Precursor formation and crystal nucleation in stretched polyethylene/carbon nanotube nanocomposites. *Polymer*, **2022**, 239, 124438	3.9	0
159	Blending polar rubber with polyurethane to construct self-healing rubber with multiple hydrogen bond networks. *Polymer*, **2022**, 246, 124768	3.9	0
158	Stretching-induced Nucleation and Crystallization of Cyclic Polyethylene: Insights from Molecular Dynamics Simulation. *European Polymer Journal*, **2022**, 111232	5.2	0
157	Simulations on polymer nanocomposite crystallization. *Polymer Crystallization*, **2021**, 4, e10214	0.9	0
156	Insights into the Crystallization of Polymer Nanocomposite Systems Blended with Grafted and Free Chains Studied by Molecular Simulation. *Crystal Growth and Design*, **2021**, 21, 2243-2254	3.5	5
155	One-step Condensation/copolymerization of VTES and DVB for Self-assembly Bionic Superhydrophobic Surface Coating and Study on Oil-water Separation. *Journal of Bionic Engineering* , **2021**, 18, 559-573	2.7	2
154	Robust, fluorine-free and superhydrophobic composite melamine sponge modified with dual silanized SiO2 microspheres for oil–water separation. *Chinese Journal of Chemical Engineering*, **2021** , 33, 50-60	3.2	7
153	Self-healing Polyurethane Elastomer Based on Molecular Design: Combination of Reversible Hydrogen Bonds and High Segment Mobility. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 683-694	3.2	15
152	Theoretical Methods of the Size Distribution Function for the Products of Hyperbranched Polymerization. *Macromolecular Theory and Simulations*, **2021**, 30, 2000039	1.5	2
151	The effect of grafting density on the crystallization behavior of one-dimensional confined polymers. *Journal of Applied Polymer Science*, **2021**, 138, 50064	2.9	5
150	Molecular simulation of polymer crystallization under chain and space confinement. *Physical Chemistry Chemical Physics*, **2021**, 23, 17382-17391	3.6	2
149	Laminate design, optimization, and testing of an innovative carbon fiber-reinforced composite sandwich panel for high-speed train. *Polymer Composites*, **2021**, 42, 5811	3	2
148	Coordination-driven in-situ self-assembled prussian blue/alginate hydrogels composite mesh with underwater superoleophobicity for oil/water separation and self-cleaning performance. *Journal of the Taiwan Institute of Chemical Engineers*, **2021**, 126, 341-350	5.3	2
147	Visual monitoring of trace water in organic solvents based on ecofriendly b/r-CDs ratiometric fluorescence test paper. *Talanta*, **2020**, 216, 120958	6.2	10
146	Carbon dots incorporated metal–organic framework for enhancing fluorescence detection performance. *Journal of Materials Science*, **2020**, 55, 14153-14165	4.3	6

145	Multilayer onion-like vesicles self-assembled from amphiphilic hyperbranched multiarm copolymers via simulation. *Journal of Polymer Science*, **2020**, 58, 704-715	2.4	5
144	Correlation between molecular weight and confined crystallization behavior of polymers grafted onto a zero-dimensional filler. *CrystEngComm*, **2020**, 22, 1779-1788	3.3	11
143	Molecular dynamics simulations of nucleation details in stretched polyethylene. *Polymer*, **2020**, 195, 122442	3.9	10
142	Preparation and properties study of waterborne polyurethane synthesized by mixing polyester diols and isocyanates. *Journal of Applied Polymer Science*, **2020**, 137, 49314	2.9	6
141	Molecularly imprinted polymers-captivity ZnO nanorods for sensitive and selective detecting environmental pollutant. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 228, 117785	4.4	5
140	Superhydrophobic sponge with the rod-spherical microstructure via palygorskite-catalyzed hydrolysis and condensation of vinyltriethoxysilane for oil-water separation. *Applied Clay Science*, **2020**, 199, 105872	5.2	11
139	N-doped graphene quantum dots for enhancing multi-level Bi2Ti2O7 spheres photocatalytic activity via electronic trapping. *Journal of Dispersion Science and Technology*, **2020**, 1-10	1.5	0
138	Molecular simulation of crystallization of polymers confined in cylindrical nanodomain. *Polymer*, **2020**, 206, 122818	3.9	9
137	One-dimensional nanofiller induced crystallization in random copolymers studied by dynamic Monte Carlo simulations. *Molecular Simulation*, **2020**, 46, 669-677	2	12
136	Reinforcement and Toughening of Rubber by Bridging Graphene and Nanosilica. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 337-348	3.2	5
135	The influences of grafting density and polymer–nanoparticle interaction on crystallisation of polymer composites. *Molecular Simulation*, **2020**, 46, 678-688	2	9
134	Interface engineered 2D/2D Ni(OH)2/Bi4Ti3O12 nanocomposites with higher charge transfer towards improving photocatalytic activity. *Journal of Alloys and Compounds*, **2020**, 816, 152530	5.7	15
133	Molecular simulations of microscopic mechanism of the effects of chain length on stereocomplex formation in polymer blends. *Computational Materials Science*, **2020**, 172, 109297	3.2	16
132	Preparation of Epoxidized Natural Rubbers with Improved Aging Resistance by Covalently Bridging Graphene and Antioxidants. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 1553-1565	3.2	2
131	Study on the fluorescence of double-emission carbon quantum dots by improved intercept method. *Methods and Applications in Fluorescence*, **2020**,	3.1	1
130	Monte Carlo simulations of stereocomplex formation in multiblock copolymers. *Physical Chemistry Chemical Physics*, **2019**, 21, 13296-13303	3.6	15
129	Stereocomplex formation in mixed polymers filled with two-dimensional nanofillers. *Physical Chemistry Chemical Physics*, **2019**, 21, 6443-6452	3.6	10
128	Constructing carbon dots and CdTe quantum dots multi-functional composites for ultrasensitive sensing and rapid degrading ciprofloxacin. *Sensors and Actuators B: Chemical*, **2019**, 289, 242-251	8.5	27

127	Fabrication of acrylamide decorated superhydrophilic and underwater superoleophobic poly(vinylidene fluoride) membranes for oil/water emulsion separation. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 95, 300-307	5.3	18
126	Development of composite membranes with irregular rod-like structure via atom transfer radical polymerization for efficient oil-water emulsion separation. *Journal of Colloid and Interface Science*, **2019**, 533, 278-286	9.3	54
125	Fluorometric determination of sulfadiazine by using molecularly imprinted poly(methyl methacrylate) nanobeads doped with manganese(II)-doped ZnS quantum dots. *Mikrochimica Acta*, **2019**, 186, 625	5.8	4
124	Design of Self-Healing Rubber by Introducing Ionic Interaction To Construct a Network Composed of Ionic and Covalent Cross-Linking. *Industrial & Engineering Chemistry Research*, **2019**, 58, 14848-14858	3.9	36
123	Competition Between Interfacial Interaction and Microphase Separation in Crystallization of Filled Block Copolymers. *Journal of Polymer Science, Part B: Polymer Physics*, **2019**, 57, 1516-1526	2.6	6
122	Construction of superhydrophilic and underwater superoleophobic membranes via in situ oriented NiCo-LDH growth for gravity-driven oil/water emulsion separation. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 104, 240-249	5.3	10
121	The Effect of Grafting Density on the Crystallization Behaviors of Polymer Chains Grafted onto One-Dimensional Nanorod. *Advances in Polymer Technology*, **2019**, 2019, 1-10	1.9	7
120	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. *Polymer*, **2019**, 166, 72-80	3.9	12
119	Kinetic theory of A2+B3+B2 type hyperbranched polymerization. *Polymer*, **2019**, 185, 121985	3.9	3
118	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil□water emulsion separation. *Journal of Membrane Science*, **2019**, 573, 226-233	9.6	111
117	A tailored molecular imprinting ratiometric fluorescent sensor based on red/blue carbon dots for ultrasensitive tetracycline detection. *Journal of Industrial and Engineering Chemistry*, **2019**, 72, 100-106	6.3	40
116	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li. *Carbohydrate Polymers*, **2019**, 205, 492-499	10.3	20
115	Dynamic Monte Carlo simulations of competition in crystallization of mixed polymers grafted on a substrate. *Journal of Polymer Science, Part B: Polymer Physics*, **2019**, 57, 89-97	2.6	17
114	Bio-inspired fabrication of superhydrophilic nanocomposite membrane based on surface modification of SiO2 anchored by polydopamine towards effective oil-water emulsions separation. *Separation and Purification Technology*, **2019**, 209, 434-442	8.3	107
113	Blocked crystallization in capped ultrathin polymer films studied by molecular simulations. *Polymer International*, **2019**, 68, 218-224	3.3	17
112	Surface molecularly imprinted polymers based ZnO quantum dots as fluorescence sensors for detection of diethylhexyl phthalate with high sensitivity and selectivity. *Polymer International*, **2018**, 67, 1003-1010	3.3	9
111	Dynamic Monte Carlo simulations of effects of nanoparticle on polymer crystallization in polymer solutions. *Computational Materials Science*, **2018**, 147, 217-226	3.2	34
110	Formation mechanism of reverse kebab structure inside hollow nanotubes studied by molecular simulations. *Computational Materials Science*, **2018**, 153, 348-355	3.2	16

109	The Length of Hydrophobic Chain in Amphiphilic Polypeptides Regulates the Efficiency of Gene Delivery. *Polymers*, **2018**, 10,	4.5	10
108	Effect of interface on bulk polymer: control of glass transition temperature of rubber. *Journal of Polymer Research*, **2018**, 25, 1	2.7	11
107	Synthesis of cauliflower-like ion imprinted polymers for selective adsorption and separation of lithium ion. *New Journal of Chemistry*, **2018**, 42, 14502-14509	3.6	13
106	Molecular simulations of fragility of linear and ring polymers. *Computational Materials Science*, **2018**, 142, 200-205	3.2	3
105	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. *New Journal of Chemistry*, **2018**, 42, 118-128	3.6	24
104	Ratiometric fluorescence nanosensors based on core-shell structured carbon/CdTe quantum dots and surface molecularly imprinted polymers for the detection of sulfadiazine. *Journal of Separation Science*, **2018**, 41, 4394-4401	3.4	15
103	The effect of molecular weight of polymers grafted in two-dimensional filler on crystallization behaviors studied by dynamic Monte Carlo simulations. *Computational Materials Science*, **2018**, 155, 144-150	3.2	13
102	Core-Shell Magnetic Molecularly Imprinted Polymer Prepared for Selectively Removed Indole from Fuel Oil. *Advances in Polymer Technology*, **2017**, 36, 168-176	1.9	8
101	The orientational orders of poly(□phenethyl l-aspartate) in two opposite □helical form: a molecular dynamic simulation. *Monatshefte F□ Chemie*, **2017**, 148, 1251-1258	1.4	5
100	Features of strain-induced crystallization of natural rubber revealed by experiments and simulations. *Polymer Journal*, **2017**, 49, 309-317	2.7	32
99	Synthesis of surface molecular imprinting polymer on SiO2-coated CdTe quantum dots as sensor for selective detection of sulfadimidine. *Applied Surface Science*, **2017**, 404, 188-196	6.7	48
98	Segmental dynamics in interfacial region of composite materials. *Monatshefte F□ Chemie*, **2017**, 148, 1285-1293	1.4	12
97	Relaxation and Crystallization of Oriented Polymer Melts with Anisotropic Filler Networks. *Journal of Physical Chemistry B*, **2017**, 121, 1426-1437	3.4	27
96	A smart gene delivery platform: Cationic oligomer. *European Journal of Pharmaceutical Sciences*, **2017**, 105, 33-40	5.1	6
95	SiO2-MIP core-shell nanoparticles containing gold nanoclusters for sensitive fluorescence detection of the antibiotic erythromycin. *Mikrochimica Acta*, **2017**, 184, 2241-2248	5.8	14
94	Preparation and fluid drag reduction properties of superhydrophobic paper-based films comprising carbon nanotubes and fluoropolymers. *Science and Engineering of Composite Materials*, **2017**, 24, 177-184	1.5	5
93	Effect of the polymer-substrate interactions on crystal nucleation of polymers grafted on a flat solid substrate as studied by molecular simulations. *Polymer*, **2017**, 123, 169-178	3.9	19
92	Controllability of Polymer Crystal Orientation Using Heterogeneous Nucleation of Deformed Polymer Loops Grafted on Two-Dimensional Nanofiller. *Journal of Physical Chemistry B*, **2017**, 121, 6685-6690	3.4	25

91	Preparation of a novel magnetic and thermo-responsive composite and its application in drug release. *Monatshefte Fü Chemie*, **2017**, 148, 1205-1213	1.4	4
90	Preparation of Paper-Based Hydrophobic Composite Films Using Fluoropolymers Grafted Carbon Nanotubes. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 95-104	3.2	1
89	Synthesis and characterization of fluorescence molecularly imprinted polymers as sensor for highly sensitive detection of dibutyl phthalate from tap water samples. *Sensors and Actuators B: Chemical*, **2017**, 240, 1114-1122	8.5	57
88	Magnetic organic□inorganic nanocomposite with ultrathin imprinted polymers via an in situ surface-initiated approach for specific separation of chloramphenicol. *RSC Advances*, **2016**, 6, 70383-70393	3.7	9
87	Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. *Chemical Engineering Journal*, **2016**, 304, 609-620	14.7	111
86	A mesoporous fluorescent sensor based on ZnO nanorods for the fluorescent detection and selective recognition of tetracycline. *RSC Advances*, **2016**, 6, 71061-71069	3.7	17
85	Core□shell emulsion polymerization of styrene and butyl acrylate in the presence of polymerizable emulsifier. *Journal of Applied Polymer Science*, **2016**, 133, n/a-n/a	2.9	8
84	The Distribution of Glass Transition Temperatures in Ultrathin Polymer Films Controlled by Segment Density or Interfacial Interaction. *Macromolecular Theory and Simulations*, **2016**, 25, 187-195	1.5	13
83	Synthesis and evaluation of a molecularly imprinted polymer with high-efficiency recognition for dibutyl phthalate based on Mn-doped ZnS quantum dots. *RSC Advances*, **2016**, 6, 54615-54622	3.7	10
82	Polymer crystal nucleation with confinement-enhanced orientation dominating the formation of nanohybrid shish-kebabs with multiple shish. *RSC Advances*, **2016**, 6, 50451-50459	3.7	16
81	A biomimetic Setaria viridis-inspired imprinted nanoadsorbent: green synthesis and application to the highly selective and fast removal of sulfamethazine. *RSC Advances*, **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. *Journal of the Iranian Chemical Society*, **2016**, 13, 489-497	2	10
79	Facile polymerizable surfactant inspired synthesis of fluorescent molecularly imprinted composite sensor via aqueous CdTe quantum dots for highly selective detection of □-cyhalothrin. *Sensors and Actuators B: Chemical*, **2016**, 224, 315-324	8.5	44
78	Effect of Catalyst Film Thickness on Growth Morphology, Surface Wettability and Drag Reduction Property of Carbon Nanotubes. *High Temperature Materials and Processes*, **2016**, 35, 857-863	0.9	1
77	An eco-friendly molecularly imprinted fluorescence composite material based on carbon dots for fluorescent detection of 4-nitrophenol. *Mikrochimica Acta*, **2016**, 183, 2197-2203	5.8	80
76	Molecular simulations of crystallization behaviors of polymers grafted on two-dimensional filler. *Polymer*, **2016**, 100, 10-18	3.9	25
75	Comparative Study on Dynamical Heterogeneity of Ring and Linear Polymers. *Macromolecular Theory and Simulations*, **2016**, 25, 9-15	1.5	4
74	Role of oxygen vacancies in V-doped ZnO diluted magnetic semiconductors. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 2466-2470	2.1	12

73	Kinetic Model of the Amphiphilic Copolymers with Hyperbranched Core Formed by AB2 Monomer and Bf Initiator. *Macromolecular Theory and Simulations*, **2015**, 24, 271-278	1.5	1
72	Preparation of Surface Molecularly Imprinted Polymers for Selective Removal and Determination of Sulphamethoxazole from Aqueous Media. *Adsorption Science and Technology*, **2015**, 33, 45-62	3.6	1
71	Structural characteristics of a cooperatively rearranging region during the glass transition of a polymer system. *RSC Advances*, **2015**, 5, 17726-17731	3.7	9
70	Surface imprinted polymers for oil denitrification with the combination of computational simulation and multi-template molecular imprinting. *Polymers for Advanced Technologies*, **2015**, 26, 476-486	3.2	8
69	A novel molecularly imprinted polymer thin film at surface of ZnO nanorods for selective fluorescence detection of para-nitrophenol. *RSC Advances*, **2015**, 5, 44088-44095	3.7	25
68	Specific recognition and fluorescent determination of aspirin by using core-shell CdTe quantum dot-imprinted polymers. *Mikrochimica Acta*, **2015**, 182, 1527-1534	5.8	26
67	Surface molecular imprinting on hybrid SiO2-coated CdTe nanocrystals for selective optosensing of bisphenol A and its optimal design. *Applied Surface Science*, **2015**, 345, 405-417	6.7	48
66	Synthesis of self-crosslinking soap-free emulsion with ketone and hydrazine to modify the properties of corrugated paper. *Journal of the Chinese Advanced Materials Society*, **2015**, 3, 188-201		1
65	Nucleation details of nanohybrid shish-kebabs in polymer solutions studied by molecular simulations. *Polymer*, **2015**, 76, 1-7	3.9	40
64	Swelling technique inspired synthesis of a fluorescent composite sensor for highly selective detection of bifenthrin. *RSC Advances*, **2015**, 5, 79511-79518	3.7	6
63	Development of surface imprinting polymer as a selective adsorbent for adsorbing and separating dibenzothiophene from fuel oil. *Research on Chemical Intermediates*, **2015**, 41, 2619-2633	2.8	9
62	Temperature Dependence of Structural Properties and Chain Configurational Study: A Molecular Dynamics Simulation of Polyethylene Chains. *Macromolecular Theory and Simulations*, **2015**, 24, 335-343	1.5	17
61	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. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	7
60	The Orientational Order of the Helical Backbone of Poly(Benzyl L-Glutamate) a Molecular Dynamics Simulation. *Polymers and Polymer Composites*, **2015**, 23, 51-58	0.8	2
59	Highly-controllable imprinted polymer nanoshell at the surface of silica nanoparticles based room-temperature phosphorescence probe for detection of 2,4-dichlorophenol. *Analytica Chimica Acta*, **2015**, 870, 83-91	6.6	41
58	Optimal design of an imprinted preassembled system by quantum chemical calculations and preparation of a surface-imprinted material for the selective removal of quinoline. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	4
57	Molecularly imprinted polymer nanospheres based on Mn-doped ZnS QDs via precipitation polymerization for room-temperature phosphorescence probing of 2,6-dichlorophenol. *RSC Advances*, **2015**, 5, 19799-19806	3.7	28
56	Preparation and application of sulfadiazine surface molecularly imprinted polymers with temperature-responsive properties. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	11

55	Simple synthesis of thioglycolic acid-coated CdTe quantum dots as probes for Norfloxacin lactate detection. *Journal of Luminescence*, **2015**, 161, 47-53	3.8	26
54	Temperature Dependence of Polypropylene Configurations. *Macromolecular Theory and Simulations*, **2014**, 23, 76-83	1.5	5
53	Surface imprinted core-shell nanorod with ultrathin water-compatible polymer brushes for specific recognition and adsorption of sulfamethazine in water medium. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	1
52	Magnetic and hydrophilic imprinted particles via ATRP at room temperature for selective separation of sulfamethazine. *Colloid and Polymer Science*, **2014**, 292, 333-342	2.4	12
51	Highly-controllable imprinted polymer nanoshell at the surface of magnetic halloysite nanotubes for selective recognition and rapid adsorption of tetracycline. *RSC Advances*, **2014**, 4, 7967	3.7	58
50	Narrowly dispersed imprinted microspheres with hydrophilic polymer brushes for the selective removal of sulfamethazine. *RSC Advances*, **2014**, 4, 1965-1973	3.7	14
49	Versatile Method To Obtain Homogeneous Imprinted Polymer Thin Film at Surface of Superparamagnetic Nanoparticles for Tetracycline Binding. *Industrial & Engineering Chemistry Research*, **2014**, 53, 7157-7166	3.9	23
48	One-pot method for obtaining hydrophilic tetracycline-imprinted particles via precipitation polymerization in ethanol. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	8
47	The Radius of Gyration of the Products of Hyperbranched Polymerization. *Macromolecular Theory and Simulations*, **2014**, 23, 218-226	1.5	4
46	Preparation of silica-based surface-imprinted core–shell nanoadsorbents for the selective recognition of sulfamethazine via reverse atom transfer radical precipitation polymerization. *Journal of Polymer Research*, **2014**, 21, 1	2.7	12
45	Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of λ-cyhalothrin. *Journal of Luminescence*, **2014**, 153, 326-332	3.8	48
44	Synthesis of functional emulsions with core–shell structures as surface sizing agents for paper. *Journal of the Chinese Advanced Materials Society*, **2014**, 2, 284-293		1
43	Preparation and Properties of Magnetic Molecularly Imprinted Polymers and Their Use as Adsorbents for Selective Adsorption of Indole. *Adsorption Science and Technology*, **2014**, 32, 509-519	3.6	3
42	Intrinsic correlations between dynamic heterogeneity and conformational transition in polymers during glass transition. *Journal of Chemical Physics*, **2014**, 141, 074901	3.9	18
41	Kinetic analysis of A2 + AB + B3 hyperbranched polymerization approach. *Polymer*, **2014**, 55, 2952-2958	3.9	5
40	Rational preparation of dibenzothiophene-imprinted polymers by surface imprinting technique combined with atom transfer radical polymerization. *Applied Surface Science*, **2013**, 282, 809-819	6.7	22
39	Rational design and preparation for novel denitrogenation adsorbents by computational simulation and improved atom transfer radical polymerization. *New Journal of Chemistry*, **2013**, 37, 2758	3.6	8
38	Preparation and characterization of magnetic molecularly imprinted polymers for selective recognition of 3-methylindole. *Journal of Applied Polymer Science*, **2013**, 130, 2859-2866	2.9	13

37	Synthesis of Hyperbranched Multiarm Star Block Copolymers and Their Application as a Drug-Delivery System. *Advances in Polymer Technology*, **2013**, 32,	1.9	4
36	Kinetic Analysis of A2 + AB2 Polymerization Approach. *Macromolecular Theory and Simulations*, **2012**, 21, 648-655	1.5	1
35	Kinetic analysis of AB2 polycondensation in the presence of multifunctional cores with various reactivities. *Polymer*, **2012**, 53, 3386-3391	3.9	13
34	Preparation and evaluation of hollow molecular imprinted polymer for adsorption of dibenzothiophene. *Applied Surface Science*, **2012**, 258, 6583-6589	6.7	40
33	Synthesis and Characterization of a Surface Molecular Imprinted Polymer as a New Adsorbent for the Removal of Dibenzothiophene. *Journal of Chemical & Engineering Data*, **2012**, 57, 1713-1720	2.8	40
32	Synthesis of magnetic molecularly imprinted polymer particles for selective adsorption and separation of dibenzothiophene. *Mikrochimica Acta*, **2012**, 179, 123-130	5.8	58
31	Kinetic Analysis of the Amphiphilic Star Block Copolymerization. *Macromolecular Theory and Simulations*, **2012**, 21, 83-89	1.5	4
30	Selective Adsorption of Dibenzothiophene Using Magnetic Molecularly Imprinted Polymers. *Adsorption Science and Technology*, **2012**, 30, 331-343	3.6	17
29	Kinetic Theory of Hyperbranched Polymerization **2011**, 333-367		4
28	Kinetic treatment for the copolycondensation of A2 and CB2 monomers with non-equal reactivity. *Polymer*, **2011**, 52, 5387-5392	3.9	6
27	Effect of slow monomer addition on molecular parameters of hyperbranched polymers synthesized in the presence of multifunctional core molecules. *Science China Chemistry*, **2010**, 53, 891-897	7.9	12
26	Kinetic theory of self-condensing vinyl polymerization. *Science China Chemistry*, **2010**, 53, 2429-2439	7.9	14
25	Kinetic analysis of co-polycondensation of AB2 and AB type monomers in presence of multi-functional cores. *Polymer*, **2010**, 51, 2763-2768	3.9	10
24	Theoretical investigation on the polyaddition of A2 and CB2 monomers with non-equal reactivity. *Polymer*, **2009**, 50, 5608-5612	3.9	20
23	Effect of Multifunctional Initiator on Self-Condensing Vinyl Polymerization with Nonequal Molar Ratio of Stimulus to Monomer. *Macromolecules*, **2009**, 42, 4047-4052	5.5	16
22	A General Model for the Kinetics of Self-Condensing Vinyl Polymerization. *Macromolecules*, **2008**, 41, 4429-4434	5.5	35
21	Kinetic analysis of self-condensing vinyl polymerization with unequal reactivities. *Science Bulletin*, **2008**, 53, 3516-3521	10.6	9
20	Distribution function of hyperbranched polymers formed by AB2 type polycondensation with substitution effect. *Polymer*, **2006**, 47, 1473-1479	3.9	38

19	Mean-Square Radius of Gyration and Degree of Branching of Highly Branched Copolymers Resulting from the Copolymerization of AB2 With AB Monomers. *Macromolecular Theory and Simulations*, **2004**, 13, 724-730	1.5	22
18	CONFIGURATIONAL-CONFORMATIONAL STATISTICS OF POLY(ETHYLENE-PROPYLENE)S. *Journal of Macromolecular Science - Physics*, **2001**, 40, 231-237	1.4	2
17	Kinetic analysis of the polycondensation of ABg type monomer with a multifunctional core. *Polymer* , **2000**, 41, 4549-4558	3.9	49
16	General kinetic model of imperfect living polymerization (IV). *Science Bulletin*, **1999**, 44, 426-431		1
15	Configurational-conformational statistics of stereoirregular poly(methyl methacrylate)s. *Journal of Macromolecular Science - Physics*, **1999**, 38, 217-225	1.4	6
14	Molecular Weight Distribution of Hyperbranched Polymers Generated by Self-Condensing Vinyl Polymerization in Presence of a Multifunctional Initiator. *Macromolecules*, **1999**, 32, 245-250	5.5	83
13	Molecular Weight Distribution of Hyperbranched Polymers Generated from Polycondensation of AB2 Type Monomers in the Presence of Multifunctional Core Moieties. *Macromolecules*, **1999**, 32, 819-824	5.5	82
12	Kinetic model of star-branched polycondensation. *Macromolecular Theory and Simulations*, **1998**, 7, 13-18	1.5	26
11	Conformations of fold part in isotactic polypropylene lamella with diamond lattice model. *Science in China Series B: Chemistry*, **1998**, 41, 142-148		1
10	Mean-square radius of gyration of polysiloxanes. *Macromolecular Theory and Simulations*, **1997**, 6, 161-168	1.5	7
9	Mean-square radius of gyration of polymer chains. *Macromolecular Theory and Simulations*, **1997**, 6, 597-611	1.5	23
8	Theoretical study on the linking process of divinyl compounds with living precursors, 1. Uniform precursor chains. *Macromolecular Theory and Simulations*, **1997**, 6, 1211-1235	1.5	4
7	Mean-square Radius of Gyration of Poly[oxy(1-alkylethylenes)]. *Polymers for Advanced Technologies*, **1997**, 8, 270-274	3.2	1
6	Configurational-conformational statistics of stereoirregular polystyrene. *Macromolecular Theory and Simulations*, **1996**, 5, 939-945	1.5	4
5	Improved expression of the mean-square radius of gyration, 2. Poly(1,1-disubstituted ethylene)s. *Macromolecular Theory and Simulations*, **1995**, 4, 155-164	1.5	5
4	Configurational-conformational statistics of atactic polypropylene. *Polymer*, **1993**, 34, 2830-2835	3.9	11
3	Improved expression of mean-square radius of gyration. I. Vinyl polymers. *Journal of Chemical Physics*, **1992**, 96, 4792-4800	3.9	7
2	Third-order interaction approximation for linear polymer chains. *Journal of Polymer Science, Part B: Polymer Physics*, **1991**, 29, 877-882	2.6	10

List of Publications

1	Research on NCF fabric CFRP pultrusion beam mechanical performance and laminate design for railway vehicle application. *Journal of Composite Materials*,002199832210946	2.7