

Xiaoyu Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

5,022
citations

39
h-index

63
g-index

177
ext. papers

5,600
ext. citations

5.3
avg, IF

6.01
L-index

#	Paper	IF	Citations
171	Facile synthesis of MnO ₂ @C@Ni(OH) ₂ core-shell nanowires for high-performance supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 5192	2.1	0
170	Effect of Phosphotungstic Acid on Self-seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine)?. <i>Acta Chimica Sinica</i> , 2022 , 80, 297	3.3	
169	Functionalized nanographene oxide/PEG/rhodamine B/gold nanocomposite for electrochemical determination of glucose. <i>Journal of Materials Science and Technology</i> , 2022 , 122, 141-147	9.1	2
168	Double-bond-containing polyallene-based composite nanofibers. <i>Composites Communications</i> , 2022 , 32, 101189	6.7	0
167	Conjugated-polymer-based nanofibers through living crystallization-driven self-assembly: preparation, properties and applications. <i>Chemical Communications</i> , 2021 , 57, 13259-13274	5.8	5
166	Uniform Nanowires Containing a Heterogeneous Conjugated Core of Controlled Length, Composition and Morphology. <i>Chemistry - A European Journal</i> , 2021 , 27, 8479-8483	4.8	4
165	Uniform fiber-like polymeric micelles of controlled length containing a photo-cleavable core: Versatile templates toward functional nanotubes. <i>European Polymer Journal</i> , 2021 , 153, 110496	5.2	1
164	Self-Seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine) Micelles: Effect of Metal Ions. <i>Macromolecules</i> , 2021 , 54, 6705-6717	5.5	8
163	Radical polymer-grafted carbon nanotubes as high-performance cathode materials for lithium organic batteries with promoted n-/p-type redox reactions. <i>Journal of Power Sources</i> , 2021 , 483, 229136	8.9	11
162	Supramolecular-micelle-directed preparation of uniform magnetic nanofibers with length tunability, colloidal stability and capacity for surface functionalization. <i>Polymer Chemistry</i> , 2021 , 12, 1924-1930	4.9	1
161	Mercapto-responsive polymeric nano-carrier capable of releasing sulfur dioxide. <i>Polymer Chemistry</i> , 2021 , 12, 939-946	4.9	0
160	First polyallene-based well-defined amphiphilic diblock copolymer via RAFT polymerization. <i>Polymer Chemistry</i> , 2021 , 12, 3088-3095	4.9	3
159	Au-covered nanographene oxide/PEG/PAMAM for surface-enhanced Raman scattering detection. <i>Composites Communications</i> , 2021 , 23, 100598	6.7	2
158	Extending Conjugation and Integrating Multi-Redox Centers into One Molecule for High-Capacity Organic Cathodes. <i>ChemSusChem</i> , 2021 , 14, 3858-3866	8.3	3
157	Co-Self-Seeding Approach toward Uniform Fiber-Like Comicelles: Regulating Length and Distribution of Corona-Forming Chains of Comicelles by Metal Ions. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2100213	2.6	2
156	Evaluating Microbial Interactions of Autotrophs and Heterotrophs in Partial Nitrification/Anammox (PN/A) Process by Experimental and Simulation Analyses. <i>Water (Switzerland)</i> , 2021 , 13, 324	3	2
155	Construction of well-defined difluoromethylthio-containing amphiphilic homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2020 , 11, 7542-7550	4.9	4

- 154 Sulfur dioxide signaling molecule-responsive polymeric nanoparticles. *Biomaterials Science*, **2020**, 8, 2306-2307 5
- 153 A facile PEG/thiol-functionalized nanographene oxide carrier with an appropriate glutathione-responsive switch. *Polymer Chemistry*, **2020**, 11, 2194-2204 4.9 3
- 152 How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. *Macromolecules*, **2020**, 53, 1831-1841 5.5 15
- 151 Fluorinated vesicles embedded with Ru-based catalysts as efficient and recyclable nanoreactors for photo-mediated aerobic oxidation. *Polymer Chemistry*, **2020**, 11, 1727-1734 4.9 2
- 150 Biomimetic Asymmetric Polymer Brush Coatings Bearing Fencilike Conformation Exhibit Superior Protection and Antifouling Performance. *ACS Applied Materials & Interfaces*, **2020**, 12, 1588-1596 9.5 20
- 149 Low-dose Ultraviolet-A irradiation selectively eliminates nitrite oxidizing bacteria for mainstream nitrification. *Chemosphere*, **2020**, 261, 128172 8.4 5
- 148 Ordered Honeycomb-Pattern Membrane *Chinese Journal of Chemistry*, **2020**, 38, 1767-1779 4.9 9
- 147 Uniform Continuous and Segmented Nanofibers Containing a π -Conjugated Oligo(p-phenylene ethynylene) Core via π -Living π -Crystallization-Driven Self-Assembly: Importance of Oligo(p-phenylene ethynylene) Chain Length. *Macromolecules*, **2020**, 53, 6299-6313 5.5 17
- 146 The difluoromethylthio moiety lowers the LCST of oligo(ethylene glycol)-based homopolymers. *Polymer Chemistry*, **2020**, 11, 5833-5843 4.9 2
- 145 Covalent Organic Frameworks as Electrode Materials for Metal Ion Batteries: A Current Review. *Chemical Record*, **2020**, 20, 1198-1219 6.6 19
- 144 Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a π -Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. *Macromolecules*, **2020**, 53, 8009-8019 5.5 9
- 143 Gold/SH-functionalized nanographene oxide/polyamidamine/poly(ethylene glycol) nanocomposites for enhanced non-enzymatic hydrogen peroxide detection. *Biomaterials Science*, **2020**, 8, 6037-6044 7.4 6
- 142 Fragmentation of Fiber-like Micelles with a π -Conjugated Crystalline Oligo(p-phenylenevinylene) Core and a Photocleavable Corona in Water: A Matter of Density of Corona-Forming Chains. *Macromolecules*, **2020**, 53, 8631-8641 5.5 7
- 141 PEGylated graphene oxide as a nanocarrier of the disulfide prodrug of podophyllotoxin for cancer therapy. *Journal of Nanoparticle Research*, **2020**, 22, 1 2.3 3
- 140 Mechanistic study of the formation of fiber-like micelles with a π -conjugated oligo(p-phenylenevinylene) core. *Journal of Colloid and Interface Science*, **2020**, 560, 50-58 9.3 8
- 139 Gold nanoparticles standing on PEG/PAMAM/thiol-functionalized nanographene oxide as aqueous catalysts. *Polymer Chemistry*, **2020**, 11, 4094-4104 4.9 12
- 138 Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. *Angewandte Chemie*, **2020**, 132, 8309-8316 3.6 10
- 137 Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. *Angewandte Chemie - International Edition*, **2020**, 59, 8232-8239 16.4 31

136	Self-Assembled Helical and Twisted Nanostructures of a Preferred Handedness from Achiral π -Conjugated Oligo(p-phenylenevinylene) Derivatives. <i>Langmuir</i> , 2019 , 35, 3134-3142	4	9
135	Delivery of Oridonin and Methotrexate via PEGylated Graphene Oxide. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22915-22924	9.5	29
134	Advances in Halloysite Nanotubes-Polysaccharide Nanocomposite Preparation and Applications. <i>Polymers</i> , 2019 , 11,	4.5	22
133	Thermo-Responsive Graphene Oxide/Poly(Ethyl Ethylene Phosphate) Nanocomposite via Ring Opening Polymerization. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
132	Graphene Oxide/Ferrocene-Containing Polymer/Gold Nanoparticle Triple Nanocomposite. <i>Nanomaterials</i> , 2019 , 9,	5.4	4
131	A rapid and operator-safe powder approach for latent fingerprint detection using hydrophilic Fe ₃ O ₄ @SiO ₂ -CdTe nanoparticles. <i>Science China Chemistry</i> , 2019 , 62, 889-896	7.9	38
130	Synthesis and self-seeding behavior of oligo(p-phenylene vinylene)-b-poly(N-(2-hydroxypropyl)methacrylamide). <i>Polymer Chemistry</i> , 2019 , 10, 4718-4731	4.9	9
129	A new ferrocene/disulfide-containing methacrylate monomer: Synthesis, ATRP and nanocomposite. <i>European Polymer Journal</i> , 2019 , 119, 8-13	5.2	6
128	New perfluorocyclobutyl aryl ether-containing methacrylates: Synthesis and radical polymerization. <i>European Polymer Journal</i> , 2019 , 120, 109250	5.2	
127	Few layer covalent organic frameworks with graphene sheets as cathode materials for lithium-ion batteries. <i>Nanoscale</i> , 2019 , 11, 5330-5335	7.7	75
126	Antifouling Surfaces Based on Fluorine-Containing Asymmetric Polymer Brushes: Effect of Chain Length of Fluorinated Side Chain. <i>Langmuir</i> , 2019 , 35, 1235-1241	4	17
125	Self-Seeding of Block Copolymers with a π -Conjugated Oligo(p-phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , 2018 , 51, 2065-2075	5.5	52
124	Construction of semi-fluorinated polyimides with perfluorocyclobutyl aryl ether-based side chains. <i>Polymer Chemistry</i> , 2018 , 9, 920-930	4.9	28
123	(PtBA-co-PPEGMEMMA-co-PDOMA)-g-PPFA polymer brushes synthesized by sequential RAFT polymerization and ATRP. <i>Polymer Chemistry</i> , 2018 , 9, 2821-2829	4.9	19
122	A fluorescence and UV/vis absorption dual-signaling probe with aggregation-induced emission characteristics for specific detection of cysteine.. <i>RSC Advances</i> , 2018 , 8, 24346-24354	3.7	19
121	Polymer Brushes: Efficient Synthesis and Applications. <i>Accounts of Chemical Research</i> , 2018 , 51, 2314-2323	7.3	167
120	Preparation of graphene/poly(2-acryloxyethyl ferrocenecarboxylate) nanocomposite via a grafting-onto strategy. <i>Polymer Chemistry</i> , 2018 , 9, 184-192	4.9	9
119	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , 2018 , 69, 217-226	6.4	14

118	A new difluoromethoxyl-containing acrylate monomer for PEG-b-PDFMOEA amphiphilic diblock copolymers. <i>Polymer Chemistry</i> , 2018 , 9, 5032-5042	4.9	3
117	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , 2017 , 7, 43706	4.9	6
116	Synthesis of PS-b-PPOA-b-PS triblock copolymer via sequential free radical polymerization and ATRP. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1366-1372	2.5	6
115	Polymer-Coated Ultrastable and Biofunctionalizable Lanthanide Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14647-14655	9.5	32
114	Semifluorinated Synergistic Nonfouling/Fouling-Release Surface. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16517-16523	9.5	88
113	PAA-g-PLA amphiphilic graft copolymer: synthesis, self-assembly, and drug loading ability. <i>Polymer Chemistry</i> , 2017 , 8, 4098-4107	4.9	10
112	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via "Living" Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7136-7139	16.4	141
111	Triple-stimuli-responsive ferrocene-containing homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 2773-2784	4.9	30
110	Oxygen and carbon dioxide dual gas-responsive homopolymers and diblock copolymers synthesized via RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 1163-1176	4.9	23
109	Fluorographene as a Mass Spectrometry Probe for High-Throughput Identification and Screening of Emerging Chemical Contaminants in Complex Samples. <i>Analytical Chemistry</i> , 2017 , 89, 1307-1314	7.8	43
108	PHEA-g-PMMA Well-Defined Graft Copolymer: ATRP Synthesis, Self-Assembly, and Synchronous Encapsulation of Both Hydrophobic and Hydrophilic Guest Molecules. <i>Scientific Reports</i> , 2017 , 7, 12601	4.9	10
107	PDMAEMA-b-PPOA-b-PDMAEMA double-bond-containing amphiphilic triblock copolymer: synthesis, characterization, and pH-responsive self-assembly. <i>Polymer Chemistry</i> , 2017 , 8, 6628-6635	4.9	15
106	Fiber-like micelle with a π -conjugated polymer core: a potential building block for organic electronics. <i>Science Bulletin</i> , 2017 , 62, 1229-1230	10.6	3
105	A versatile platform for precise synthesis of asymmetric molecular brush in one shot. <i>Nature Communications</i> , 2017 , 8, 333	17.4	104
104	GSH-Activated NIR Fluorescent Prodrug for Podophyllotoxin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29496-29504	9.5	48
103	Synthesis of an amphiphilic graft copolymer bearing a hydrophilic poly(acrylate acid) backbone for drug delivery of methotrexate. <i>RSC Advances</i> , 2017 , 7, 54562-54569	3.7	4
102	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7537-7545	4.9	11
101	Construction of catechol-containing semi-fluorinated asymmetric polymer brush via successive RAFT polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7499-7506	4.9	19

100	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017 , 8, 6997-7008	4.9	11
99	A PHEA-g-PEO well-defined graft copolymer exhibiting the synchronous encapsulation of both hydrophobic pyrene and hydrophilic Rhodamine 6G. <i>Polymer Chemistry</i> , 2017 , 8, 431-440	4.9	6
98	Soluble Perfluorocyclobutyl Aryl Ether-Based Polyimide for High-Performance Dielectric Material. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26352-26358	9.5	54
97	Photoredox-Mediated ATRP: A Facile Method for Modification of Graphite Fluoride and Graphene Fluoride without Deoxygenation. <i>ACS Macro Letters</i> , 2016 , 5, 1339-1343	6.6	22
96	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , 2016 , 6, 25508	4.9	27
95	PHEA-g-PDMAEA well-defined graft copolymers: SET-LRP synthesis, self-catalyzed hydrolysis, and quaternization. <i>Polymer Chemistry</i> , 2016 , 7, 6973-6979	4.9	18
94	Covalently Functionalized Graphene by Radical Polymers for Graphene-Based High-Performance Cathode Materials. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17352-9	9.5	72
93	Enhancing Photodynamic Therapy Efficacy by Using Fluorinated Nanoplatfrom. <i>ACS Macro Letters</i> , 2016 , 5, 168-173	6.6	107
92	(PAA-g-PS)-co-PPEGMEMA asymmetric polymer brushes: synthesis, self-assembly, and encapsulating capacity for both hydrophobic and hydrophilic agents. <i>Polymer Chemistry</i> , 2016 , 7, 613-624	4.9	39
91	Perfluorocyclobutyl Aryl Ether-Based ABC Amphiphilic Triblock Copolymer. <i>Scientific Reports</i> , 2016 , 6, 39504	4.9	10
90	Direct functionalization of poly(vinyl chloride) by photo-mediated ATRP without a deoxygenation procedure. <i>Polymer Chemistry</i> , 2016 , 7, 3034-3045	4.9	34
89	First double hydrophilic graft copolymer bearing a poly(2-hydroxyethyl acrylate) backbone synthesized by sequential RAFT polymerization and SET-LRP. <i>Polymer Chemistry</i> , 2016 , 7, 3156-3164	4.9	21
88	Spin-Casting Polymer Brush Films for Stimuli-Responsive and Anti-Fouling Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6685-92	9.5	86
87	Construction of PEG-based amphiphilic brush polymers bearing hydrophobic poly(lactic acid) side chains via successive RAFT polymerization and ROP. <i>Polymer Chemistry</i> , 2016 , 7, 3300-3310	4.9	25
86	Application of named reactions in polymer synthesis. <i>Science China Chemistry</i> , 2015 , 58, 1695-1709	7.9	10
85	Synthesis of temperature and pH/CO ₂ responsive homopolymer bearing oligo(ethylene glycol) unit and N,N-diethylamino ethyl group and its solution property. <i>Polymer</i> , 2015 , 64, 268-276	3.9	23
84	Constructing semi-fluorinated PDEAEMA-b-PBTFVBP-b-PDEAEMA amphiphilic triblock copolymer via successive thermal step-growth cycloaddition polymerization and ATRP. <i>Polymer Chemistry</i> , 2015 , 6, 7881-7892	4.9	9
83	Pyrrolidine-functionalized fluorine-containing graphene sheets. <i>New Journal of Chemistry</i> , 2015 , 39, 9586-9590	6.5	9

82	Main-chain PPEGMEMA-b-PBTFVPP-b-PPEGMEMA perfluorocyclobutyl aryl ether-based amphiphilic ABA triblock copolymer: synthesis and self-assembly. <i>RSC Advances</i> , 2015 , 5, 77388-77398	3.7	5
81	Preparation of graphene/poly(2-hydroxyethyl acrylate) nanohybrid materials via an ambient temperature grafting-from strategy. <i>Polymer Chemistry</i> , 2015 , 6, 311-321	4.9	35
80	Synthesis and self-assembly of PMBTFVB-g-PNIPAM fluorine-containing amphiphilic graft copolymer. <i>RSC Advances</i> , 2015 , 5, 74947-74952	3.7	6
79	Synthesis and self-assembly of a fluorine-containing amphiphilic graft copolymer bearing a perfluorocyclobutyl aryl ether-based backbone and poly(acrylic acid) side chains. <i>Polymer Chemistry</i> , 2015 , 6, 4309-4318	4.9	8
78	Construction of semi-fluorinated amphiphilic graft copolymer bearing a poly(2-methyl-1,4-bistrifluorovinylbenzene) backbone and poly(ethylene glycol) side chains via the grafting-onto strategy. <i>RSC Advances</i> , 2015 , 5, 39668-39676	3.7	10
77	Delivery of paclitaxel using PEGylated graphene oxide as a nanocarrier. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1355-63	9.5	118
76	Polyisobutylene-b-Poly(N,N-diethylacrylamide) well-defined amphiphilic diblock copolymer: Synthesis and thermo-responsive phase behavior. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1143-1150 ^{2.5}		10
75	Stability and Catalytic Activity of PEG-b-PS-Capped Gold Nanoparticles: A Matter of PS Chain Length. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 1960-1970	3.8	48
74	Derivation of Oridonin with Bioreduction-Responsive Disulfide Bond. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 448-453	4.9	4
73	Construction of PIB-b-PDEAEMA well-defined amphiphilic diblock copolymers via sequential living carbocationic and RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1478-1486	2.5	11
72	Click synthesis of graphene/poly(N-(2-hydroxypropyl) methacrylamide) nanocomposite via grafting-onto strategy at ambient temperature. <i>RSC Advances</i> , 2014 , 4, 60920-60928	3.7	12
71	Fluorinated poly(meth)acrylate: Synthesis and properties. <i>Polymer</i> , 2014 , 55, 6197-6211	3.9	114
70	tBCPMA: a new trifunctional acrylic monomer for convenient synthesis of a well-defined amphiphilic graft copolymer by successive RDRP. <i>Polymer Chemistry</i> , 2014 , 5, 6027-6038	4.9	9
69	The first amphiphilic graft copolymer bearing a hydrophilic poly(2-hydroxyethyl acrylate) backbone synthesized by successive RAFT and ATRP. <i>Polymer Chemistry</i> , 2014 , 5, 4915-4925	4.9	20
68	Synthesis of amphiphilic ABA triblock copolymer bearing PIB and perfluorocyclobutyl aryl ether-containing segments via sequential living carbocationic polymerization and ATRP. <i>Polymer Chemistry</i> , 2014 , 5, 6334-6343	4.9	17
67	Covalent functionalization of graphene oxide with biocompatible poly(ethylene glycol) for delivery of paclitaxel. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17268-76	9.5	187
66	PEGylated graphene oxide as a nanocarrier for podophyllotoxin. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	20
65	Thermoresponsive Homopolymer Tunable by pH and CO ₂ . <i>ACS Macro Letters</i> , 2014 , 3, 1121-1125	6.6	70

64	Synthesis of a sun-shaped amphiphilic copolymer consisting of a cyclic perfluorocyclobutyl aryl ether-based backbone and lateral PMAA side chains. <i>RSC Advances</i> , 2014 , 4, 52105-52116	3.7	6
63	Synthesis of PAA-g-PNVCL Graft Copolymer and Studies on Its Loading of Ornidazole. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 1049-1056	4.9	7
62	Synthesis of Helix-containing PPEGMEA-g-PBLG, well-defined amphiphilic graft copolymer, by sequential SET-LRP and ROP. <i>Polymer Chemistry</i> , 2013 , 4, 4134	4.9	26
61	tBHBMA: a novel trifunctional acrylic monomer for the convenient synthesis of PAA-g-PCL well-defined amphiphilic graft copolymer. <i>Polymer Chemistry</i> , 2013 , 4, 2864	4.9	28
60	ATNRC/SET-NRC synthesis of graphene/polyisobutylene nanocomposites. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4505-4514	2.5	13
59	One-step preparation of fluorographene: a highly efficient, low-cost, and large-scale approach of exfoliating fluorographite. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 13478-83	9.5	49
58	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , 2013 , 4, 3132	4.9	23
57	SET-LRP synthesis of PMHDO-g-PNIPAM well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1091-1098	2.5	17
56	Synthesis of PMHDO-g-PDEAEA well-defined amphiphilic graft copolymer via successive living coordination polymerization and SET-LRP. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1099-1106	2.5	14
55	A novel poly(N-vinylcaprolactam)-based well-defined amphiphilic graft copolymer synthesized by successive RAFT and ATRP. <i>Polymer Chemistry</i> , 2013 , 4, 1402-1411	4.9	69
54	Poly(acrylic acid)-graft-poly(N-vinylcaprolactam): a novel pH and thermo dual-stimuli responsive system. <i>Polymer Chemistry</i> , 2013 , 4, 3876	4.9	71
53	Self-assembly of amphiphilic homopolymers bearing ferrocene and carboxyl functionalities: effect of polymer concentration, cyclodextrin, and length of alkyl linker. <i>Langmuir</i> , 2013 , 29, 10922-31	4	50
52	Constructing well-defined star graft copolymers. <i>Polymer Chemistry</i> , 2013 , 4, 1289-1299	4.9	69
51	Constructing novel double-bond-containing well-defined amphiphilic graft copolymers via successive Ni-catalyzed living coordination polymerization and SET-LRP. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1942-1949	2.5	8
50	Synthesis of a well-defined polyallene-based amphiphilic graft copolymer via sequential living coordination polymerization and SET-LRP. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1880-1886	2.5	10
49	Unprecedented diverse nanostructures formed by amphiphilic graft copolymer bearing PEO side chains synthesized by ATNRC. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4783-4789	2.5	3
48	Successive SET-LRP and ATRP synthesis of ferrocene-based PPEGMEA-g-PAEFC well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 811-820	2.5	45
47	ATNRC and SET-NRC synthesis of PtBA-g-PEO well-defined amphiphilic graft copolymers. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1890-1899	2.5	17

46	Thermoresponsive graphene oxide-PNIPAM nanocomposites with controllable grafting polymer chains via moderate in situ SET-LRP. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4451-4458	2.5	69
45	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , 2011 , 40, 1282-95	58.5	309
44	A novel fluorine-containing graft copolymer bearing perfluorocyclobutyl aryl ether-based backbone and poly(methyl methacrylate) side chains. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 11-22	2.5	15
43	Synthesis of starlike PtBA-g-PEO amphiphilic graft copolymer via highly efficient Cu-catalyzed SET-NRC reaction at ambient temperature. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 23-34	2.5	32
42	An efficient way to functionalize graphene sheets with presynthesized polymer via ATNRC chemistry. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1582-1590	2.5	106
41	Convenient synthesis of thermo-responsive PtBA-g-PPEGMEMA well-defined amphiphilic graft copolymer without polymeric functional group transformation. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3328-3337	2.5	32
40	Synthesis of well-defined pH-responsive PPEGMEA-g-P2VP double hydrophilic graft copolymer via sequential SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4055-4064	2.5	33
39	Novel perfluorocyclobutyl aryl ether-based well-defined amphiphilic block copolymer. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4433-4440	2.5	15
38	Functionalization of graphene oxide towards thermo-sensitive nanocomposites via moderate in situ SET-LRP. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4747-4755	2.5	73
37	Well-Defined Triblock Copolymer Containing Perfluorocyclobutyl Aryl Ether and Poly(acrylic acid) Segments. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 2791-2797	4.9	1
36	PAA-g-PPO Amphiphilic Graft Copolymer: Synthesis and Diverse Micellar Morphologies. <i>Macromolecules</i> , 2010 , 43, 262-270	5.5	90
35	Convenient Synthesis of PtBA-g-PMA Well-Defined Graft Copolymer with Tunable Grafting Density. <i>Macromolecules</i> , 2010 , 43, 117-125	5.5	82
34	Synthesis of well-defined PNIPAM-b-(PEA-g-P2VP) double hydrophilic graft copolymer via sequential SET-LRP and ATRP and its Schizophrenic Micellization behavior in aqueous media. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 15-23	2.5	46
33	Thermoresponsive PPEGMEA-g-PPEGEEMA well-defined double hydrophilic graft copolymer synthesized by successive SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 647-655	2.5	50
32	Star-like PAA-g-PPO well-defined amphiphilic graft copolymer synthesized by ATNRC and SET-NRC reaction. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2084-2097	2.5	36
31	An efficient way to tune grafting density of well-defined copolymers via an unusual Br-containing acrylate monomer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2622-2630	2.5	12
30	Synthesis and characterization of fluorine-containing PAA-b-PTPFCBPMA amphiphilic block copolymer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 5419-5429	2.5	22
29	PNIPAM-b-(PEA-g-PDMAEA) double-hydrophilic graft copolymer: Synthesis and its application for preparation of gold nanoparticles in aqueous media. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1811-1824	2.5	118

28	PPEGMEA-g-PDEAEMA: Double hydrophilic double-grafted copolymer stimuli-responsive to both pH and salinity. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3142-3153	2.5	38
27	Synthesis of well-defined amphiphilic graft copolymer bearing poly(2-acryloyloxyethyl ferrocenecarboxylate) side chains via successive SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 4346-4357	2.5	75
26	Well-defined amphiphilic graft copolymer consisting of hydrophilic poly(acrylic acid) backbone and hydrophobic poly(vinyl acetate) side chains. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 6032-6043	2.5	30
25	Perfluorocyclobutyl-based methacrylate monomers: Synthesis and radical polymerization. <i>Journal of Fluorine Chemistry</i> , 2009 , 130, 354-360	2.1	21
24	Synthesis and characterization of new polymethacrylates bearing perfluorocyclobutyl and sulfonyl units. <i>Polymer</i> , 2009 , 50, 5192-5199	3.9	19
23	PMHDO-g-PEG Double-Bond-Based Amphiphilic Graft Copolymer: Synthesis and Diverse Self-Assembled Nanostructures. <i>Macromolecules</i> , 2009 , 42, 4249-4256	5.5	57
22	Synthesis of PPEGMEA-g-PMAA densely grafted double hydrophilic copolymer and its use as a template for the preparation of size-controlled superparamagnetic Fe ₃ O ₄ /polymer nano-composites. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4332		39
21	Synthesis of double hydrophilic graft copolymer containing poly(ethylene glycol) and poly(methacrylic acid) side chains via successive ATRP. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4056-4069	2.5	38
20	Synthesis and characterization of PNIPAM-b-(PEA-g-PDEA) double hydrophilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 5638-5651	2.5	46
19	A starlike amphiphilic graft copolymer with hydrophilic poly(acrylic acid) backbones and hydrophobic polystyrene side chains. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3687-3697	2.5	21
18	Synthesis of polyallene-based graft copolymer via 6-methyl-1,2-heptadien-4-ol and styrene. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5509-5517	2.5	11
17	Novel Amphiphilic Centipede-Like Copolymer Bearing Polyacrylate Backbone and Poly(ethylene glycol) and Polystyrene Side Chains. <i>Macromolecules</i> , 2007 , 40, 4486-4493	5.5	108
16	Novel Starlike Amphiphilic Graft Copolymers with Hydrophilic Poly(acrylic acid) Backbone and Hydrophobic Poly(methyl methacrylate) Side Chains. <i>Macromolecules</i> , 2006 , 39, 4945-4947	5.5	44
15	Synthesis and characterization of a novel ABA triblock copolymer via 4,4'-bis(trifluorovinyloxy)biphenyl and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5438-5444	2.5	22
14	Novel amphiphilic graft copolymers bearing hydrophilic poly(acrylic acid) backbones and hydrophobic poly(butyl methacrylate) side chains. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6857-6868	2.5	15
13	Novel graft copolymer containing a polyallene backbone and poly(tert-butyl acrylate) side chains. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6888-6893	2.5	13
12	Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. <i>Macromolecules</i> , 2005 , 38, 7299-7305	5.5	30
11	Copolymerization of styrene and vinyl acetate by successive photoinduced charge-transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 914-920	2.5	10

10	Synthesis and characterization of linear ABC triblock copolymer of ethylene oxide, methyl methacrylate, and styrene. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 825-833	2.5	14
9	Synthesis, characterization, and hydrolysis of PVAc-PS-PVAc via charge transfer polymerization. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 2595-2600	2.5	12
8	Synthesis and characterization of amphiphilic diblock copolymer of polystyrene and polyvinyl alcohol using ethanamine-Benzophenone as photochemical binary initiation system. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 109-115	2.5	18
7	Synthesis of a novel diblock copolymer of isoprene and methacrylic acid. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 527-531	4.8	5
6	Polyfunctional Initiation System for Preparation of Block Copolymer of Ethylene Oxide and Methyl Methacrylate by Sequential Initiation of Anion and Charge Transfer Complex and the Effect of Polymerization Conditions on the Copolymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997 , 34, 685-694	2.2	
5	Preparation and identification of di-block copolymer composed of crystalline poly(ethylene oxide) and noncrystalline poly(vinyl acetate) with well-defined structure. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 2101-2109	2.6	3
4	Effects of poly(methyl methacrylate)-block-poly(vinyl acetate) copolymer on the spinodal decomposition of corresponding homopolymer blends. <i>Macromolecular Rapid Communications</i> , 1997 , 18, 197-205	4.8	13
3	Photochemical-induced polymerization kinetics of styrene and methyl methacrylate by initiation of binary system composed of polyethylene oxide with aniline end group and benzophenone. <i>Journal of Applied Polymer Science</i> , 1997 , 65, 2095-2103	2.9	5
2	Block copolymerization of ethylene oxide and acrylonitrile and the influence of block length of polyacrylonitrile on the thermal behavior and morphology of block copolymer. <i>Journal of Polymer Science Part A</i> , 1996 , 34, 1317-1324	2.5	7
1	Synthesis of double-bond-containing diblock copolymers via RAFT polymerization. <i>Polymer Chemistry</i> ,	4.9	0