

Xiaoyu Huang

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171
papers

5,022
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39
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63
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177
ext. papers

5,600
ext. citations

5.3
avg, IF

6.01
L-index

#	Paper	IF	Citations
171	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , 2011 , 40, 1282-95	58.5	309
170	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
169	Polymer Brushes: Efficient Synthesis and Applications. <i>Accounts of Chemical Research</i> , 2018 , 51, 2314-2322	13.3	167
168	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
167	Delivery of paclitaxel using PEGylated graphene oxide as a nanocarrier. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1355-63	9.5	118
166	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
165	Fluorinated poly(meth)acrylate: Synthesis and properties. <i>Polymer</i> , 2014 , 55, 6197-6211	3.9	114
164	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
163	Enhancing Photodynamic Therapy Efficacy by Using Fluorinated Nanoplatfom. <i>ACS Macro Letters</i> , 2016 , 5, 168-173	6.6	107
162	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
161	A versatile platform for precise synthesis of asymmetric molecular brush in one shot. <i>Nature Communications</i> , 2017 , 8, 333	17.4	104
160	PAA-g-PPO Amphiphilic Graft Copolymer: Synthesis and Diverse Micellar Morphologies. <i>Macromolecules</i> , 2010 , 43, 262-270	5.5	90
159	Semifluorinated Synergistic Nonfouling/Fouling-Release Surface. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16517-16523	9.5	88
158	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
157	Convenient Synthesis of PtBA-g-PMA Well-Defined Graft Copolymer with Tunable Grafting Density. <i>Macromolecules</i> , 2010 , 43, 117-125	5.5	82
156	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
155	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

154	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
153	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
152	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
151	Thermoresponsive Homopolymer Tunable by pH and CO ₂ . <i>ACS Macro Letters</i> , 2014 , 3, 1121-1125	6.6	70
150	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
149	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
148	Constructing well-defined star graft copolymers. <i>Polymer Chemistry</i> , 2013 , 4, 1289-1299	4.9	69
147	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
146	Soluble Perfluorocyclobutyl Aryl Ether-Based Polyimide for High-Performance Dielectric Material. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26352-26358	9.5	54
145	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
144	Self-assembly of amphiphilic homopolymers bearing ferrocene and carboxyl functionalities: effect of polymer concentration, β -cyclodextrin, and length of alkyl linker. <i>Langmuir</i> , 2013 , 29, 10922-31	4	50
143	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
142	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
141	GSH-Activated NIR Fluorescent Prodrug for Podophyllotoxin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29496-29504	9.5	48
140	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
139	Synthesis of well-defined PNIPAM-b-(PEA-g-P2VP) double hydrophilic graft copolymer via sequential SET-LRP and ATRP and its β -chizophrenic micellization behavior in aqueous media. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 15-23	2.5	46
138	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
137	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

136	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
135	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
134	(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
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	Polymer-Coated Ultrastable and Biofunctionalizable Lanthanide Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14647-14655	9.5	32
124	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
123	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
122	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8232-8239	16.4	31
121	Triple-stimuli-responsive ferrocene-containing homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 2773-2784	4.9	30
120	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
119	Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. <i>Macromolecules</i> , 2005 , 38, 7299-7305	5.5	30

118	Delivery of Oridonin and Methotrexate via PEGylated Graphene Oxide. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22915-22924	9.5	29
117	Construction of semi-fluorinated polyimides with perfluorocyclobutyl aryl ether-based side chains. <i>Polymer Chemistry</i> , 2018 , 9, 920-930	4.9	28
116	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
115	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , 2016 , 6, 25508	4.9	27
114	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
113	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
112	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
111	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
110	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , 2013 , 4, 3132	4.9	23
109	Advances in Halloysite Nanotubes-Polysaccharide Nanocomposite Preparation and Applications. <i>Polymers</i> , 2019 , 11,	4.5	22
108	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
107	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
106	Synthesis and characterization of a novel ABA triblock copolymer via 4,4'-bis(trifluorovinyl)oxy)biphenyl and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5438-5444	2.5	22
105	Perfluorocyclobutyl-based methacrylate monomers: Synthesis and radical polymerization. <i>Journal of Fluorine Chemistry</i> , 2009 , 130, 354-360	2.1	21
104	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
103	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
102	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
101	PEGylated graphene oxide as a nanocarrier for podophyllotoxin. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	20

100	Biomimetic Asymmetric Polymer Brush Coatings Bearing Fencilike Conformation Exhibit Superior Protection and Antifouling Performance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 1588-1596	9.5	20
99	(PtBA-co-PPEGMEMA-co-PDOMA)-g-PPFA polymer brushes synthesized by sequential RAFT polymerization and ATRP. <i>Polymer Chemistry</i> , 2018 , 9, 2821-2829	4.9	19
98	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
97	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
96	Synthesis and characterization of new polymethacrylates bearing perfluorocyclobutyl and sulfonyl units. <i>Polymer</i> , 2009 , 50, 5192-5199	3.9	19
95	Covalent Organic Frameworks as Electrode Materials for Metal Ion Batteries: A Current Review. <i>Chemical Record</i> , 2020 , 20, 1198-1219	6.6	19
94	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
93	Synthesis and characterization of amphiphilic diblock copolymer of polystyrene and polyvinyl alcohol using ethanolamine-Benzophenone as photochemical binary initiation system. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 109-115	2.5	18
92	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
91	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
90	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
89	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. <i>Macromolecules</i> , 2020 , 53, 6299-6313	5.5	17
88	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
87	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
86	How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. <i>Macromolecules</i> , 2020 , 53, 1831-1841	5.5	15
85	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
84	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
83	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

82	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
81	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
80	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , 2018 , 69, 217-226	6.4	14
79	ATNRC/SET-NRC synthesis of graphene/polyisobutylene nanocomposites. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4505-4514	2.5	13
78	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
77	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
76	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
75	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
74	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
73	Gold nanoparticles standing on PEG/PAMAM/thiol-functionalized nanographene oxide as aqueous catalysts. <i>Polymer Chemistry</i> , 2020 , 11, 4094-4104	4.9	12
72	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
71	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7537-7545	4.9	11
70	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017 , 8, 6997-7008	4.9	11
69	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
68	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
67	PAA-g-PLA amphiphilic graft copolymer: synthesis, self-assembly, and drug loading ability. <i>Polymer Chemistry</i> , 2017 , 8, 4098-4107	4.9	10
66	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
65	Application of named reactions in polymer synthesis. <i>Science China Chemistry</i> , 2015 , 58, 1695-1709	7.9	10

64	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
63	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}	2.5	10
62	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
61	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
60	Perfluorocyclobutyl Aryl Ether-Based ABC Amphiphilic Triblock Copolymer. <i>Scientific Reports</i> , 2016 , 6, 39504	4.9	10
59	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie</i> , 2020 , 132, 8309-8316 ^{3.6}	3.6	10
58	Self-Assembled Helical and Twisted Nanostructures of a Preferred Handedness from Achiral EConjugated Oligo(p-phenylenevinylene) Derivatives. <i>Langmuir</i> , 2019 , 35, 3134-3142	4	9
57	Thermo-Responsive Graphene Oxide/Poly(Ethyl Ethylene Phosphate) Nanocomposite via Ring Opening Polymerization. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
56	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
55	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
54	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
53	Ordered Honeycomb-Pattern Membrane Chinese Journal of Chemistry, 2020 , 38, 1767-1779	4.9	9
52	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a EConjugated Oligo(p-phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , 2020 , 53, 8009-8019	5.5	9
51	Preparation of graphene/poly(2-acryloxyethyl ferrocenecarboxylate) nanocomposite via a Egrafting-ontoEstrategy. <i>Polymer Chemistry</i> , 2018 , 9, 184-192	4.9	9
50	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
49	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
48	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
47	Mechanistic study of the formation of fiber-like micelles with a Econjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , 2020 , 560, 50-58	9.3	8

46	Pyrrolidine-functionalized fluorine-containing graphene sheets. <i>New Journal of Chemistry</i> , 2015 , 39, 9586-9590		
45	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
44	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
43	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. <i>Macromolecules</i> , 2020 , 53, 8631-8641	5.5	7
42	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , 2017 , 7, 43706	4.9	6
41	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
40	A new ferrocene/disulfide-containing methacrylate monomer: Synthesis, ATRP and nanocomposite. <i>European Polymer Journal</i> , 2019 , 119, 8-13	5.2	6
39	Synthesis and self-assembly of PMBTFVB-g-PNIPAM fluorine-containing amphiphilic graft copolymer. <i>RSC Advances</i> , 2015 , 5, 74947-74952	3.7	6
38	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
37	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
36	Gold/SH-functionalized nanographene oxide/polyamidamine/poly(ethylene glycol) nanocomposites for enhanced non-enzymatic hydrogen peroxide detection. <i>Biomaterials Science</i> , 2020 , 8, 6037-6044	7.4	6
35	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
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32	Synthesis of a novel diblock copolymer of isoprene and methacrylic acid. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 527-531	4.8	5
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30	Low-dose Ultraviolet-A irradiation selectively eliminates nitrite oxidizing bacteria for mainstream nitrification. <i>Chemosphere</i> , 2020 , 261, 128172	8.4	5
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12	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
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