

# Xiaoyu Huang

## List of Publications by Year in descending order

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175  
papers

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66234

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177  
docs citations

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times ranked

6121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , 2011, 40, 1282-1295.	18.7	376
2	Polymer Brushes: Efficient Synthesis and Applications. <i>Accounts of Chemical Research</i> , 2018, 51, 2314-2323.	7.6	272
3	Covalent Functionalization of Graphene Oxide with Biocompatible Poly(ethylene glycol) for Delivery of Paclitaxel. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 17268-17276.	4.0	229
4	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo( <i>p</i> -phenylenevinylene) Core via $\alpha$ -Living-Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 7136-7139.	6.6	187
5	Fluorinated poly(meth)acrylate: Synthesis and properties. <i>Polymer</i> , 2014, 55, 6197-6211.	1.8	143
6	Delivery of Paclitaxel Using PEGylated Graphene Oxide as a Nanocarrier. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1355-1363.	4.0	139
7	A versatile platform for precise synthesis of asymmetric molecular brush in one shot. <i>Nature Communications</i> , 2017, 8, 333.	5.8	139
8	Enhancing Photodynamic Therapy Efficacy by Using Fluorinated Nanoplatfrom. <i>ACS Macro Letters</i> , 2016, 5, 168-173.	2.3	132
9	Few layer covalent organic frameworks with graphene sheets as cathode materials for lithium-ion batteries. <i>Nanoscale</i> , 2019, 11, 5330-5335.	2.8	131
10	PNIPAM- <i>b</i> -(PEA- <i>g</i> -PDMAEA) double- $\alpha$ -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	121
11	Semifluorinated Synergistic Nonfouling/Fouling-Release Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16517-16523.	4.0	115
12	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	112
13	Novel Amphiphilic Centipede-Like Copolymer Bearing Polyacrylate Backbone and Poly(ethylene glycol) and Polystyrene Side Chains. <i>Macromolecules</i> , 2007, 40, 4486-4493.	2.2	110
14	Spin-Casting Polymer Brush Films for Stimuli-Responsive and Anti-Fouling Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6685-6692.	4.0	106
15	Covalently Functionalized Graphene by Radical Polymers for Graphene-Based High-Performance Cathode Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17352-17359.	4.0	93
16	PAA- <i>g</i> -PPO Amphiphilic Graft Copolymer: Synthesis and Diverse Micellar Morphologies. <i>Macromolecules</i> , 2010, 43, 262-270.	2.2	91
17	Convenient Synthesis of P <i>t</i> -BA- <i>g</i> -PMA Well-Defined Graft Copolymer with Tunable Grafting Density. <i>Macromolecules</i> , 2010, 43, 117-125.	2.2	83
18	Thermoresponsive Homopolymer Tunable by pH and CO <sub>2</sub> . <i>ACS Macro Letters</i> , 2014, 3, 1121-1125.	2.3	79

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19	Poly(acrylic acid)-graft-poly(N-vinylcaprolactam): a novel pH and thermo dual-stimuli responsive system. <i>Polymer Chemistry</i> , 2013, 4, 3876.	1.9	78
20	Soluble Perfluorocyclobutyl Aryl Ether-Based Polyimide for High-Performance Dielectric Material. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26352-26358.	4.0	76
21	Synthesis of well-defined amphiphilic graft copolymer bearing poly(2-acryloyloxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2009, 47, 4346-4357.	2.5	75
22	Functionalization of graphene oxide towards thermo-sensitive nanocomposites via moderate <i>in situ</i> SET- <i>LRP</i> . <i>Journal of Polymer Science Part A</i> , 2011, 49, 4747-4755.	2.5	75
23	Thermoresponsive graphene oxide- <i>PNIPAM</i> nanocomposites with controllable grafting polymer chains via moderate <i>in situ</i> SET- <i>LRP</i> . <i>Journal of Polymer Science Part A</i> , 2012, 50, 4451-4458.	2.5	75
24	Constructing well-defined star graft copolymers. <i>Polymer Chemistry</i> , 2013, 4, 1289-1299.	1.9	74
25	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.	1.9	73
26	GSH-Activated NIR Fluorescent Prodrug for Podophyllotoxin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29496-29504.	4.0	67
27	Self-Seeding of Block Copolymers with a $\beta$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , 2018, 51, 2065-2075.	2.2	67
28	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.	7.2	63
29	One-Step Preparation of Fluorographene: A Highly Efficient, Low-Cost, and Large-Scale Approach of Exfoliating Fluorographite. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 13478-13483.	4.0	61
30	Stability and Catalytic Activity of PEG- <i>b</i> -PS-Capped Gold Nanoparticles: A Matter of PS Chain Length. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1960-1970.	1.5	60
31	A rapid and operator-safe powder approach for latent fingerprint detection using hydrophilic Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -CdTe nanoparticles. <i>Science China Chemistry</i> , 2019, 62, 889-896.	4.2	60
32	PMHDO- <i>g</i> -PEG Double-Bond-Based Amphiphilic Graft Copolymer: Synthesis and Diverse Self-Assembled Nanostructures. <i>Macromolecules</i> , 2009, 42, 4249-4256.	2.2	59
33	Self-Assembly of Amphiphilic Homopolymers Bearing Ferrocene and Carboxyl Functionalities: Effect of Polymer Concentration, $\beta$ -Cyclodextrin, and Length of Alkyl Linker. <i>Langmuir</i> , 2013, 29, 10922-10931.	1.6	54
34	Thermoresponsive PPEGMEA- <i>g</i> -PPEGEMA well-defined double hydrophilic graft copolymer synthesized by successive SET- <i>LRP</i> and ATRP. <i>Journal of Polymer Science Part A</i> , 2010, 48, 647-655.	2.5	50
35	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.	3.2	49
36	Construction of semi-fluorinated polyimides with perfluorocyclobutyl aryl ether-based side chains. <i>Polymer Chemistry</i> , 2018, 9, 920-930.	1.9	49

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of PNIPAM- <i>b</i> -(PEA- <i>g</i> -PDEA) double hydrophilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5638-5651.	2.5	48
38	Polymer-Coated Ultrastable and Biofunctionalizable Lanthanide Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14647-14655.	4.0	48
39	Delivery of Oridonin and Methotrexate via PEGylated Graphene Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 22915-22924.	4.0	48
40	Synthesis of well-defined PNIPAM- <i>b</i> -(PEA- <i>g</i> -P2VP) double hydrophilic graft copolymer via sequential SET-LRP and ATRP and its schizoporemic Micellization behavior in aqueous media. <i>Journal of Polymer Science Part A</i> , 2010, 48, 15-23.	2.5	47
41	Successive SET-LRP and ATRP synthesis of ferrocene-based PPEGMEA- <i>g</i> -PAEFC well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2012, 50, 811-820.	2.5	46
42	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.	2.2	44
43	Preparation of graphene/poly(2-hydroxyethyl acrylate) nanohybrid materials via an ambient temperature grafting-from strategy. <i>Polymer Chemistry</i> , 2015, 6, 311-321.	1.9	42
44	(PAA- <i>g</i> -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.	1.9	41
45	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	40
46	Synthesis of PPEGMEA- <i>g</i> -PMAA densely grafted double hydrophilic copolymer and its use as a template for the preparation of size-controlled superparamagnetic Fe <sub>3</sub> O <sub>4</sub> /polymer nano-composites. <i>Journal of Materials Chemistry</i> , 2008, 18, 4332.	6.7	40
47	Triple-stimuli-responsive ferrocene-containing homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2017, 8, 2773-2784.	1.9	40
48	Covalent Organic Frameworks as Electrode Materials for Metal Ion Batteries: A Current Review. <i>Chemical Record</i> , 2020, 20, 1198-1219.	2.9	40
49	PPEGMEA- <i>g</i> -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	39
50	Direct functionalization of poly(vinyl chloride) by photo-mediated ATRP without a deoxygenation procedure. <i>Polymer Chemistry</i> , 2016, 7, 3034-3045.	1.9	39
51	Advances in Halloysite Nanotubes Polysaccharide Nanocomposite Preparation and Applications. <i>Polymers</i> , 2019, 11, 987.	2.0	38
52	Fluorene-Conjugated-polymer-based nanofibers through living crystallization-driven self-assembly: preparation, properties and applications. <i>Chemical Communications</i> , 2021, 57, 13259-13274.	2.2	38
53	Starlike PAA- <i>g</i> -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	37
54	Uniform Continuous and Segmented Nanofibers Containing a Fluorene-Conjugated Oligo( <i>p</i> -phenylene) Tj ETQqO O O rgBT /Overlock 10 Oligo( <i>p</i> -phenylene ethynylene) Chain Length. <i>Macromolecules</i> , 2020, 53, 6299-6313.	2.2	37

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55	Biomimetic Asymmetric Polymer Brush Coatings Bearing Fencilike Conformation Exhibit Superior Protection and Antifouling Performance. ACS Applied Materials & Interfaces, 2020, 12, 1588-1596.	4.0	36
56	Synthesis of well-defined pH-responsive PPEGMEA-g-P2VP double hydrophilic graft copolymer via sequential SET-LRP and ATRP. Journal of Polymer Science Part A, 2011, 49, 4055-4064.	2.5	35
57	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. Scientific Reports, 2016, 6, 25508.	1.6	35
58	Synthesis of starlike P<i>t</i>-BA-g-PEO amphiphilic graft copolymer via highly efficient Cu-catalyzed SET-NRC reaction at ambient temperature. Journal of Polymer Science Part A, 2011, 49, 23-34.	2.5	34
59	Well-defined amphiphilic graft copolymer consisting of hydrophilic poly(acrylic acid) backbone and hydrophobic poly(vinyl acetate) side chains. Journal of Polymer Science Part A, 2009, 47, 6032-6043.	2.5	33
60	Convenient synthesis of thermo-responsive P<i>t</i>-BA-g-PPEGMEMA well-defined amphiphilic graft copolymer without polymeric functional group transformation. Journal of Polymer Science Part A, 2011, 49, 3328-3337.	2.5	33
61	Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. Macromolecules, 2005, 38, 7299-7305.	2.2	31
62	Synthesis of temperature and pH/CO <sub>2</sub> responsive homopolymer bearing oligo(ethylene glycol) unit and N,N-diethylamino ethyl group and its solution property. Polymer, 2015, 64, 268-276.	1.8	30
63	tBHBMA: a novel trifunctional acrylic monomer for the convenient synthesis of PAA-g-PCL well-defined amphiphilic graft copolymer. Polymer Chemistry, 2013, 4, 2864.	1.9	29
64	Oxygen and carbon dioxide dual gas-responsive homopolymers and diblock copolymers synthesized via RAFT polymerization. Polymer Chemistry, 2017, 8, 1163-1176.	1.9	28
65	Synthesis of $\alpha$ -helix-containing PPEGMEA-g-PBLG, well-defined amphiphilic graft copolymer, by sequential SET-LRP and ROP. Polymer Chemistry, 2013, 4, 4134.	1.9	27
66	First double hydrophilic graft copolymer bearing a poly(2-hydroxyethyl acrylate) backbone synthesized by sequential RAFT polymerization and SET-LRP. Polymer Chemistry, 2016, 7, 3156-3164.	1.9	27
67	Construction of PEG-based amphiphilic brush polymers bearing hydrophobic poly(lactic acid) side chains via successive RAFT polymerization and ROP. Polymer Chemistry, 2016, 7, 3300-3310.	1.9	27
68	Radical polymer-grafted carbon nanotubes as high-performance cathode materials for lithium organic batteries with promoted n-/p-type redox reactions. Journal of Power Sources, 2021, 483, 229136.	4.0	27
69	PEGylated graphene oxide as a nanocarrier for podophyllotoxin. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	26
70	A fluorescence and UV/vis absorption dual-signaling probe with aggregation-induced emission characteristics for specific detection of cysteine. RSC Advances, 2018, 8, 24346-24354.	1.7	26
71	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. Polymer Chemistry, 2013, 4, 3132.	1.9	25
72	The first amphiphilic graft copolymer bearing a hydrophilic poly(2-hydroxyethyl acrylate) backbone synthesized by successive RAFT and ATRP. Polymer Chemistry, 2014, 5, 4915-4925.	1.9	24

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73	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.	2.3	24
74	How a Small Change of Oligo( <i>p</i> -phenylenevinylene) Chain Length Affects Self-Seeding of Oligo( <i>p</i> -phenylenevinylene)-Containing Block Copolymers. <i>Macromolecules</i> , 2020, 53, 1831-1841.	2.2	24
75	Synthesis and characterization of fluorine-containing PAA- <i>b</i> -PTPFCBPMA amphiphilic block copolymer. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5419-5429.	2.5	23
76	Construction of catechol-containing semi-fluorinated asymmetric polymer brush <i>via</i> successive RAFT polymerization and ATRP. <i>Polymer Chemistry</i> , 2017, 8, 7499-7506.	1.9	23
77	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	22
78	Synthesis and characterization of a novel ABA triblock copolymer via 4,4'-bis(trifluorovinyl)oxybiphenyl and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5438-5444.	2.5	22
79	Antifouling Surfaces Based on Fluorine-Containing Asymmetric Polymer Brushes: Effect of Chain Length of Fluorinated Side Chain. <i>Langmuir</i> , 2019, 35, 1235-1241.	1.6	22
80	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
81	Perfluorocyclobutyl-based methacrylate monomers: Synthesis and radical polymerization. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 354-360.	0.9	21
82	(PtBA-co-PPEGMEMMA-co-PDOMA)- <i>g</i> -PPFA polymer brushes synthesized by sequential RAFT polymerization and ATRP. <i>Polymer Chemistry</i> , 2018, 9, 2821-2829.	1.9	21
83	Preparation and cellular uptake behaviors of uniform fiber-like micelles with length controllability and high colloidal stability in aqueous media. <i>Fundamental Research</i> , 2023, 3, 93-101.	1.6	21
84	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a $\pi$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , 2020, 53, 8009-8019.	2.2	20
85	Synthesis and characterization of new polymethacrylates bearing perfluorocyclobutyl and sulfonyl units. <i>Polymer</i> , 2009, 50, 5192-5199.	1.8	19
86	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.	1.9	19
87	PHEA- <i>g</i> -PDMAEA well-defined graft copolymers: SET-LRP synthesis, self-catalyzed hydrolysis, and quaternization. <i>Polymer Chemistry</i> , 2016, 7, 6973-6979.	1.9	19
88	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , 2018, 69, 217-226.	3.2	19
89	ATNRC and SET- <i>NRC</i> synthesis of <i>P</i> - <i>t</i> -BA- <i>g</i> -PEO well-defined amphiphilic graft copolymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1890-1899.	2.5	18
90	SET- <i>LRP</i> synthesis of PMHDO- <i>g</i> -PNIPAM well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1091-1098.	2.5	18

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91	Ordered Honeycomb Pattern Membrane. Chinese Journal of Chemistry, 2020, 38, 1767-1779.	2.6	18
92	Self-Seeding of Oligo( <i>p</i> -phenylenevinylene)- <i>b</i> -poly(2-vinylpyridine) Micelles: Effect of Metal Ions. Macromolecules, 2021, 54, 6705-6717.	2.2	18
93	Gold nanoparticles standing on PEG/PAMAM/thiol-functionalized nanographene oxide as aqueous catalysts. Polymer Chemistry, 2020, 11, 4094-4104.	1.9	17
94	Extending Conjugation and Integrating Multiple Redox Centers into One Molecule for High Capacity Organic Cathodes. ChemSusChem, 2021, 14, 3858-3866.	3.6	17
95	Novel perfluorocyclobutyl aryl ether based well-defined amphiphilic block copolymer. Journal of Polymer Science Part A, 2011, 49, 4433-4440.	2.5	16
96	PDMAEMA- <i>b</i> -PPOA- <i>b</i> -PDMAEMA double-bond-containing amphiphilic triblock copolymer: synthesis, characterization, and pH-responsive self-assembly. Polymer Chemistry, 2017, 8, 6628-6635.	1.9	16
97	Au-covered nanographene oxide/PEG/PAMAM for surface-enhanced Raman scattering detection. Composites Communications, 2021, 23, 100598.	3.3	16
98	Novel amphiphilic graft copolymers bearing hydrophilic poly(acrylic acid) backbones and hydrophobic poly(butyl methacrylate) side chains. Journal of Polymer Science Part A, 2006, 44, 6857-6868.	2.5	15
99	A novel fluorine-containing graft copolymer bearing perfluorocyclobutyl aryl ether based backbone and poly(methyl methacrylate) side chains. Journal of Polymer Science Part A, 2011, 49, 11-22.	2.5	15
100	PAA- <i>g</i> -PLA amphiphilic graft copolymer: synthesis, self-assembly, and drug loading ability. Polymer Chemistry, 2017, 8, 4098-4107.	1.9	15
101	Fragmentation of Fiber-like Micelles with a Conjugated Crystalline Oligo( <i>p</i> -phenylenevinylene) Core and a Photocleavable Corona in Water: A Matter of Density of Corona-Forming Chains. Macromolecules, 2020, 53, 8631-8641.	2.2	15
102	Effects of poly(methyl methacrylate)-block-poly(vinyl acetate) copolymer on the spinodal decomposition of corresponding homopolymer blends. Macromolecular Rapid Communications, 1997, 18, 197-205.	2.0	14
103	Synthesis and characterization of linear ABC triblock copolymer of ethylene oxide, methyl methacrylate, and styrene. Journal of Polymer Science Part A, 1999, 37, 825-833.	2.5	14
104	Synthesis of PMHDO- <i>g</i> -PDEAEA well-defined amphiphilic graft copolymer via successive living coordination polymerization and SET-LRP. Journal of Polymer Science Part A, 2013, 51, 1099-1106.	2.5	14
105	Click synthesis of graphene/poly(N-(2-hydroxypropyl) methacrylamide) nanocomposite via grafting-onto strategy at ambient temperature. RSC Advances, 2014, 4, 60920-60928.	1.7	14
106	PHEA- <i>g</i> -PMMA Well-Defined Graft Copolymer: ATRP Synthesis, Self-Assembly, and Synchronous Encapsulation of Both Hydrophobic and Hydrophilic Guest Molecules. Scientific Reports, 2017, 7, 12601.	1.6	14
107	Novel graft copolymer containing a polyallene backbone and poly(tert-butyl acrylate) side chains. Journal of Polymer Science Part A, 2006, 44, 6888-6893.	2.5	13
108	An efficient way to tune grafting density of well-defined copolymers via an unusual Br-containing acrylate monomer. Journal of Polymer Science Part A, 2010, 48, 2622-2630.	2.5	13

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109	ATNRC/SET-NRC synthesis of graphene/polyisobutylene nanocomposites. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4505-4514.	2.5	13
110	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017, 8, 6997-7008.	1.9	13
111	Synthesis and self-seeding behavior of oligo( <i>p</i> -phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (vinylene)- <i>b</i> 4718-4731.	1.9	13
112	Self-Assembled Helical and Twisted Nanostructures of a Preferred Handedness from Achiral $\pi$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Derivatives. <i>Langmuir</i> , 2019, 35, 3134-3142.	1.6	13
113	Low-dose Ultraviolet-A irradiation selectively eliminates nitrite oxidizing bacteria for mainstream nitrification. <i>Chemosphere</i> , 2020, 261, 128172.	4.2	13
114	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.	1.6	13
115	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.	5.6	13
116	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
117	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.	1.9	12
118	Perfluorocyclobutyl Aryl Ether-Based ABC Amphiphilic Triblock Copolymer. <i>Scientific Reports</i> , 2016, 6, 39504.	1.6	12
119	Polyallene-based amphiphilic triblock copolymer <i>via</i> successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017, 8, 7537-7545.	1.9	12
120	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	11
121	Synthesis of polyallene-based graft copolymer via $\epsilon$ -methyl- $\epsilon$ -heptadienol and styrene. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5509-5517.	2.5	11
122	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	11
123	Construction of PIB- <i>b</i> -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
124	Application of named reactions in polymer synthesis. <i>Science China Chemistry</i> , 2015, 58, 1695-1709.	4.2	11
125	Constructing semi-fluorinated PDEAEMA- <i>b</i> -PBTFVBP- <i>b</i> -PDEAEMA amphiphilic triblock copolymer via successive thermal step-growth cycloaddition polymerization and ATRP. <i>Polymer Chemistry</i> , 2015, 6, 7881-7892.	1.9	11
126	Thermo-Responsive Graphene Oxide/Poly(Ethyl Ethylene Phosphate) Nanocomposite via Ring Opening Polymerization. <i>Nanomaterials</i> , 2019, 9, 207.	1.9	11



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127	Mechanistic study of the formation of fiber-like micelles with a $\pi$ -conjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 50-58.	5.0	11
128	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.	2.6	11
129	Poly(viologen halide)s: both cationic main-chain and counter anions are active for high-performance organic cathodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10026-10032.	5.2	11
130	Construction of semi-fluorinated amphiphilic graft copolymer bearing a poly(2-methyl-1,4-bistrifluorovinyloxybenzene) backbone and poly(ethylene glycol) side chains via the grafting-onto strategy. <i>RSC Advances</i> , 2015, 5, 39668-39676.	1.7	10
131	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
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