

Guolin Lu

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97
papers

1,908
citations

27
h-index

38
g-index

101
ext. papers

2,116
ext. citations

4.4
avg, IF

5
L-index

#	Paper	IF	Citations
97	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
96	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
95	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
94	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
93	Constructing well-defined star graft copolymers. <i>Polymer Chemistry</i> , 2013 , 4, 1289-1299	4.9	69
92	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
91	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
90	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
89	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
88	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
87	(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
86	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
85	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
84	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
83	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
82	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
81	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

80	Polymer-Coated Ultrastable and Biofunctionalizable Lanthanide Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14647-14655	9.5	32
79	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
78	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
77	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
76	Triple-stimuli-responsive ferrocene-containing homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 2773-2784	4.9	30
75	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
74	Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. <i>Macromolecules</i> , 2005 , 38, 7299-7305	5.5	30
73	Construction of semi-fluorinated polyimides with perfluorocyclobutyl aryl ether-based side chains. <i>Polymer Chemistry</i> , 2018 , 9, 920-930	4.9	28
72	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
71	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , 2016 , 6, 25508	4.9	27
70	Synthesis of β 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
69	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
68	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
67	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , 2013 , 4, 3132	4.9	23
66	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
65	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
64	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
63	Biomimetic Asymmetric Polymer Brush Coatings Bearing Fencelike Conformation Exhibit Superior Protection and Antifouling Performance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 1588-1596	9.5	20

62	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
61	Covalent Organic Frameworks as Electrode Materials for Metal Ion Batteries: A Current Review. <i>Chemical Record</i> , 2020 , 20, 1198-1219	6.6	19
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	Synthesis of PMHDO-g-PDEAEMA 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
51	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
50	Click synthesis of graphene/poly(N-(2-hydroxypropyl) methacrylamide) nanocomposite via π -grafting-onto π strategy at ambient temperature. <i>RSC Advances</i> , 2014 , 4, 60920-60928	3.7	12
49	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
48	Gold nanoparticles standing on PEG/PAMAM/thiol-functionalized nanographene oxide as aqueous catalysts. <i>Polymer Chemistry</i> , 2020 , 11, 4094-4104	4.9	12
47	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
46	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , 2017 , 8, 7537-7545	4.9	11
45	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , 2017 , 8, 6997-7008	4.9	11

44	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
43	PAA-g-PLA amphiphilic graft copolymer: synthesis, self-assembly, and drug loading ability. <i>Polymer Chemistry</i> , 2017 , 8, 4098-4107	4.9	10
42	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
41	Application of named reactions in polymer synthesis. <i>Science China Chemistry</i> , 2015 , 58, 1695-1709	7.9	10
40	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
39	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
38	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	10
37	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
36	Thermo-Responsive Graphene Oxide/Poly(Ethyl Ethylene Phosphate) Nanocomposite via Ring Opening Polymerization. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
35	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
34	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
33	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
32	Ordered Honeycomb-Pattern Membrane \square <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1767-1779	4.9	9
31	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a π -Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , 2020 , 53, 8009-8019	5.5	9
30	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
29	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
28	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
27	Mechanistic study of the formation of fiber-like micelles with a π -conjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , 2020 , 560, 50-58	9.3	8

26	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
25	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
24	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , 2017 , 7, 43706	4.9	6
23	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
22	Synthesis and self-assembly of PMBTFVB-g-PNIPAM fluorine-containing amphiphilic graft copolymer. <i>RSC Advances</i> , 2015 , 5, 74947-74952	3.7	6
21	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
20	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
19	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
18	Sulfur dioxide signaling molecule-responsive polymeric nanoparticles. <i>Biomaterials Science</i> , 2020 , 8, 2300-2307	4.3	5
17	π 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
16	Graphene Oxide/Ferrocene-Containing Polymer/Gold Nanoparticle Triple Nanocomposite. <i>Nanomaterials</i> , 2019 , 9,	5.4	4
15	Construction of well-defined difluoromethylthio-containing amphiphilic homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2020 , 11, 7542-7550	4.9	4
14	Derivation of Oridonin with Bioreduction-Responsive Disulfide Bond. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 448-453	4.9	4
13	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
12	Uniform Nanowires Containing a Heterogeneous π Conjugated Core of Controlled Length, Composition and Morphology. <i>Chemistry - A European Journal</i> , 2021 , 27, 8479-8483	4.8	4
11	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
10	First polyallene-based well-defined amphiphilic diblock copolymer via RAFT polymerization. <i>Polymer Chemistry</i> , 2021 , 12, 3088-3095	4.9	3
9	A new difluoromethoxyl-containing acrylate monomer for PEG-b-PDFMOEA amphiphilic diblock copolymers. <i>Polymer Chemistry</i> , 2018 , 9, 5032-5042	4.9	3

8	Fluorinated vesicles embedded with Ru-based catalysts as efficient and recyclable nanoreactors for photo-mediated aerobic oxidation. <i>Polymer Chemistry</i> , 2020 , 11, 1727-1734	4.9	2
7	The difluoromethylthio moiety lowers the LCST of oligo(ethylene glycol)-based homopolymers. <i>Polymer Chemistry</i> , 2020 , 11, 5833-5843	4.9	2
6	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
5	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
4	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
3	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 ¹	4.9	1
2	Mercapto-responsive polymeric nano-carrier capable of releasing sulfur dioxide. <i>Polymer Chemistry</i> , 2021 , 12, 939-946	4.9	0
1	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	