

# Guolin Lu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4775910/guolin-lu-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Effect of Phosphotungstic Acid on Self-seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine)?. <i>Acta Chimica Sinica</i> , <b>2022</b> , 80, 297	3.3	
96	Conjugated-polymer-based nanofibers through living crystallization-driven self-assembly: preparation, properties and applications. <i>Chemical Communications</i> , <b>2021</b> , 57, 13259-13274	5.8	5
95	Uniform Nanowires Containing a Heterogeneous Conjugated Core of Controlled Length, Composition and Morphology. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8479-8483	4.8	4
94	Uniform fiber-like polymeric micelles of controlled length containing a photo-cleavable core: Versatile templates toward functional nanotubes. <i>European Polymer Journal</i> , <b>2021</b> , 153, 110496	5.2	1
93	Self-Seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine) Micelles: Effect of Metal Ions. <i>Macromolecules</i> , <b>2021</b> , 54, 6705-6717	5.5	8
92	Supramolecular-micelle-directed preparation of uniform magnetic nanofibers with length tunability, colloidal stability and capacity for surface functionalization. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1924-1930 <sup>1</sup>	4.9	1
91	Mercapto-responsive polymeric nano-carrier capable of releasing sulfur dioxide. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 939-946	4.9	0
90	First polyallene-based well-defined amphiphilic diblock copolymer via RAFT polymerization. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 3088-3095	4.9	3
89	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> , <b>2021</b> , 222, 2100213	2.6	2
88	Construction of well-defined difluoromethylthio-containing amphiphilic homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 7542-7550	4.9	4
87	Sulfur dioxide signaling molecule-responsive polymeric nanoparticles. <i>Biomaterials Science</i> , <b>2020</b> , 8, 2306-2307 <sup>5</sup>	4.9	5
86	How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. <i>Macromolecules</i> , <b>2020</b> , 53, 1831-1841	5.5	15
85	Fluorinated vesicles embedded with Ru-based catalysts as efficient and recyclable nanoreactors for photo-mediated aerobic oxidation. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 1727-1734	4.9	2
84	Biomimetic Asymmetric Polymer Brush Coatings Bearing Fencilike Conformation Exhibit Superior Protection and Antifouling Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 1588-1596	9.5	20
83	Ordered Honeycomb-Pattern Membrane. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1767-1779	4.9	9
82	Uniform Continuous and Segmented Nanofibers Containing a Conjugated Oligo(p-phenylene ethynylene) Core via Living Crystallization-Driven Self-Assembly: Importance of Oligo(p-phenylene ethynylene) Chain Length. <i>Macromolecules</i> , <b>2020</b> , 53, 6299-6313	5.5	17
81	The difluoromethylthio moiety lowers the LCST of oligo(ethylene glycol)-based homopolymers. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 5833-5843	4.9	2

80	Covalent Organic Frameworks as Electrode Materials for Metal Ion Batteries: A Current Review. <i>Chemical Record</i> , <b>2020</b> , 20, 1198-1219	6.6	19
79	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a $\pi$ -Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , <b>2020</b> , 53, 8009-8019	5.5	9
78	Fragmentation of Fiber-like Micelles with a $\pi$ -Conjugated Crystalline Oligo(p-phenylenevinylene) Core and a Photocleavable Corona in Water: A Matter of Density of Corona-Forming Chains. <i>Macromolecules</i> , <b>2020</b> , 53, 8631-8641	5.5	7
77	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> , <b>2020</b> , 560, 50-58	9.3	8
76	Gold nanoparticles standing on PEG/PAMAM/thiol-functionalized nanographene oxide as aqueous catalysts. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 4094-4104	4.9	12
75	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8309-8316	3.6	10
74	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8232-8239	16.4	31
73	Self-Assembled Helical and Twisted Nanostructures of a Preferred Handedness from Achiral $\pi$ -Conjugated Oligo(p-phenylenevinylene) Derivatives. <i>Langmuir</i> , <b>2019</b> , 35, 3134-3142	4	9
72	Thermo-Responsive Graphene Oxide/Poly(Ethyl Ethylene Phosphate) Nanocomposite via Ring Opening Polymerization. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	9
71	Graphene Oxide/Ferrocene-Containing Polymer/Gold Nanoparticle Triple Nanocomposite. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	4
70	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> , <b>2019</b> , 62, 889-896	7.9	38
69	Synthesis and self-seeding behavior of oligo(p-phenylene vinylene)-b-poly(N-(2-hydroxypropyl)methacrylamide). <i>Polymer Chemistry</i> , <b>2019</b> , 10, 4718-4731	4.9	9
68	Antifouling Surfaces Based on Fluorine-Containing Asymmetric Polymer Brushes: Effect of Chain Length of Fluorinated Side Chain. <i>Langmuir</i> , <b>2019</b> , 35, 1235-1241	4	17
67	Construction of semi-fluorinated polyimides with perfluorocyclobutyl aryl ether-based side chains. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 920-930	4.9	28
66	A fluorescence and UV/vis absorption dual-signaling probe with aggregation-induced emission characteristics for specific detection of cysteine.. <i>RSC Advances</i> , <b>2018</b> , 8, 24346-24354	3.7	19
65	A new difluoromethoxyl-containing acrylate monomer for PEG-b-PDFMOEA amphiphilic diblock copolymers. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 5032-5042	4.9	3
64	Double-bond-containing polyallene-based triblock copolymers via phenoxyallene and (meth)acrylate. <i>Scientific Reports</i> , <b>2017</b> , 7, 43706	4.9	6
63	Synthesis of PS-b-PPOA-b-PS triblock copolymer via sequential free radical polymerization and ATRP. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 1366-1372	2.5	6

62	Polymer-Coated Ultrastable and Biofunctionalizable Lanthanide Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 14647-14655	9.5	32
61	PAA-g-PLA amphiphilic graft copolymer: synthesis, self-assembly, and drug loading ability. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 4098-4107	4.9	10
60	Triple-stimuli-responsive ferrocene-containing homopolymers by RAFT polymerization. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2773-2784	4.9	30
59	Oxygen and carbon dioxide dual gas-responsive homopolymers and diblock copolymers synthesized via RAFT polymerization. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 1163-1176	4.9	23
58	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> , <b>2017</b> , 7, 12601	4.9	10
57	PDMAEMA-b-PPOA-b-PDMAEMA double-bond-containing amphiphilic triblock copolymer: synthesis, characterization, and pH-responsive self-assembly. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6628-6635	4.9	15
56	Synthesis of an amphiphilic graft copolymer bearing a hydrophilic poly(acrylate acid) backbone for drug delivery of methotrexate. <i>RSC Advances</i> , <b>2017</b> , 7, 54562-54569	3.7	4
55	Polyallene-based amphiphilic triblock copolymer via successive free radical polymerization and ATRP. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 7537-7545	4.9	11
54	ATRP synthesis of polyallene-based amphiphilic triblock copolymer. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6997-7008	4.9	11
53	A PHEA-g-PEO well-defined graft copolymer exhibiting the synchronous encapsulation of both hydrophobic pyrene and hydrophilic Rhodamine 6G. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 431-440	4.9	6
52	Construction of Nontoxic Polymeric UV-Absorber with Great Resistance to UV-Photoaging. <i>Scientific Reports</i> , <b>2016</b> , 6, 25508	4.9	27
51	(PAA-g-PS)-co-PPEGMEMA asymmetric polymer brushes: synthesis, self-assembly, and encapsulating capacity for both hydrophobic and hydrophilic agents. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 613-624	4.9	39
50	Application of named reactions in polymer synthesis. <i>Science China Chemistry</i> , <b>2015</b> , 58, 1695-1709	7.9	10
49	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. <i>Polymer</i> , <b>2015</b> , 64, 268-276	3.9	23
48	Constructing semi-fluorinated PDEAEMA-b-PBTFVBP-b-PDEAEMA amphiphilic triblock copolymer via successive thermal step-growth cycloaddition polymerization and ATRP. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 7881-7892	4.9	9
47	Main-chain PPEGMEMA-b-PBTFVPP-b-PPEGMEMA perfluorocyclobutyl aryl ether-based amphiphilic ABA triblock copolymer: synthesis and self-assembly. <i>RSC Advances</i> , <b>2015</b> , 5, 77388-77398	3.7	5
46	Synthesis and self-assembly of PMBTFVB-g-PNIPAM fluorine-containing amphiphilic graft copolymer. <i>RSC Advances</i> , <b>2015</b> , 5, 74947-74952	3.7	6
45	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> , <b>2015</b> , 6, 4309-4318	4.9	8

44	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> , <b>2015</b> , 5, 39668-39676	3.7	10
43	Derivation of Oridonin with Bioreduction-Responsive Disulfide Bond. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 448-453	4.9	4
42	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> , <b>2014</b> , 52, 1478-1486	2.5	11
41	Click synthesis of graphene/poly(N-(2-hydroxypropyl) methacrylamide) nanocomposite via grafting-onto strategy at ambient temperature. <i>RSC Advances</i> , <b>2014</b> , 4, 60920-60928	3.7	12
40	tBCPMA: a new trifunctional acrylic monomer for convenient synthesis of a well-defined amphiphilic graft copolymer by successive RDRP. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 6027-6038	4.9	9
39	The first amphiphilic graft copolymer bearing a hydrophilic poly(2-hydroxyethyl acrylate) backbone synthesized by successive RAFT and ATRP. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4915-4925	4.9	20
38	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> , <b>2014</b> , 5, 6334-6343	4.9	17
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> , <b>2014</b> , 4, 52105-52116	3.7	6
36	Synthesis of PAA-g-PNVCL Graft Copolymer and Studies on Its Loading of Ornidazole. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 1049-1056	4.9	7
35	Synthesis of Helix-containing PPEGMEA-g-PBLG, well-defined amphiphilic graft copolymer, by sequential SET-LRP and ROP. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4134	4.9	26
34	tBHBMA: a novel trifunctional acrylic monomer for the convenient synthesis of PAA-g-PCL well-defined amphiphilic graft copolymer. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2864	4.9	28
33	SET-LRP synthesis of novel polyallene-based well-defined amphiphilic graft copolymers in acetone. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3132	4.9	23
32	SET-LRP synthesis of PMHDO-g-PNIPAM well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1091-1098	2.5	17
31	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> , <b>2013</b> , 51, 1099-1106	2.5	14
30	A novel poly(N-vinylcaprolactam)-based well-defined amphiphilic graft copolymer synthesized by successive RAFT and ATRP. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 1402-1411	4.9	69
29	Poly(acrylic acid)-graft-poly(N-vinylcaprolactam): a novel pH and thermo dual-stimuli responsive system. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3876	4.9	71
28	Self-assembly of amphiphilic homopolymers bearing ferrocene and carboxyl functionalities: effect of polymer concentration, cyclodextrin, and length of alkyl linker. <i>Langmuir</i> , <b>2013</b> , 29, 10922-31	4	50
27	Constructing well-defined star graft copolymers. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 1289-1299	4.9	69

26	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> , <b>2013</b> , 51, 1942-1949	2.5	8
25	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> , <b>2013</b> , 51, 1880-1886	2.5	10
24	Unprecedented diverse nanostructures formed by amphiphilic graft copolymer bearing PEO side chains synthesized by ATNRC. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4783-4789	2.5	3
23	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> , <b>2012</b> , 50, 811-820	2.5	45
22	ATNRC and SET-NRC synthesis of PtBA-g-PEO well-defined amphiphilic graft copolymers. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1890-1899	2.5	17
21	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> , <b>2011</b> , 49, 23-34	2.5	32
20	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> , <b>2011</b> , 49, 3328-3337	2.5	32
19	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> , <b>2011</b> , 49, 4055-4064	2.5	33
18	Well-Defined Triblock Copolymer Containing Perfluorocyclobutyl Aryl Ether and Poly(acrylic acid) Segments. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 2791-2797	4.9	1
17	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> , <b>2010</b> , 48, 15-23	2.5	46
16	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> , <b>2010</b> , 48, 647-655	2.5	50
15	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> , <b>2010</b> , 48, 2084-2097	2.5	36
14	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> , <b>2010</b> , 48, 2622-2630	2.5	12
13	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> , <b>2009</b> , 47, 1811-1824	2.5	118
12	PPEGMEA-g-PDEAEMA: Double hydrophilic double-grafted copolymer stimuli-responsive to both pH and salinity. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 3142-3153	2.5	38
11	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> , <b>2009</b> , 47, 4346-4357	2.5	75
10	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> , <b>2009</b> , 47, 6032-6043	2.5	30
9	Synthesis of PPEGMEA-g-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> , <b>2008</b> , 18, 4332		39

- |   |   |     |    |
|---|---|-----|----|
| 8 | 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> , <b>2008</b> , 46, 4056-4069 | 2.5 | 38 |
| 7 | Synthesis and characterization of PNIPAM-b-(PEA-g-PDEA) double hydrophilic graft copolymer. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 5638-5651  | 2.5 | 46 |
| 6 | A starlike amphiphilic graft copolymer with hydrophilic poly(acrylic acid) backbones and hydrophobic polystyrene side chains. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 3687-3697                | 2.5 | 21 |
| 5 | Synthesis of polyallene-based graft copolymer via 6-methyl-1,2-heptadien-4-ol and styrene. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 5509-5517   | 2.5 | 11 |
| 4 | 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> , <b>2006</b> , 44, 5438-5444            | 2.5 | 22 |
| 3 | 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> , <b>2006</b> , 44, 6857-6868    | 2.5 | 15 |
| 2 | Novel graft copolymer containing a polyallene backbone and poly(tert-butyl acrylate) side chains. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 6888-6893  | 2.5 | 13 |
| 1 | Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. <i>Macromolecules</i> , <b>2005</b> , 38, 7299-7305  | 5.5 | 30 |