

# Guangji Li

## 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.

33  
papers

734  
citations

16  
h-index

27  
g-index

34  
ext. papers

831  
ext. citations

4  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
33	Highly tough and rapid self-healing dual-physical crosslinking poly(DMAA--AM) hydrogel.. <i>RSC Advances</i> , <b>2021</b> , 11, 32988-32995	3.7	3
32	Structure and Oxidation Effects on Conformation and Thermoresponsiveness of the OEGylated Poly(glutamic acid)-Bearing Side-Chain Thioether Linkers. <i>Langmuir</i> , <b>2021</b> , 37, 1288-1296	4	
31	Porous Organic Polymers with Thiourea Linkages (POP-TUs): Effective and Recyclable Organocatalysts for the Michael Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 17861-17869	9.5	4
30	Thermo-responsive Polyurethane Sponges with Temperature-Controlled Superwettability for Oil/Water Separation. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1764-1772	4.3	19
29	Preparation and Properties of Polydimethylsiloxane (PDMS)/Polyethylene Glycol (PEG)-Based Amphiphilic Polyurethane Elastomers.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4377-4384	4.1	13
28	Ultrafine silver nanoparticles supported on a covalent carbazole framework as high-efficiency nanocatalysts for nitrophenol reduction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13449-13454	13	38
27	Self-healing zwitterionic sulfobetaine nanocomposite hydrogels with good mechanical properties.. <i>RSC Advances</i> , <b>2019</b> , 9, 31806-31811	3.7	7
26	Lipase-catalyzed synthesis of hyperbranched polyester improved by autocatalytic prepolymerization process. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47221	2.9	3
25	A novel high-capacity immuno-adsorbent with PAMAM dendritic spacer arms by click chemistry. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15726-15732	3.6	3
24	Effects of the morphology of sulfobetaine zwitterionic layers grafted onto a silicone surface on improving the hydrophilic stability, anti-bacterial adhesion properties, and biocompatibility. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46860	2.9	6
23	Preparation and characterization of protein-resistant hydrogels for soft contact lens applications via radical copolymerization involving a zwitterionic sulfobetaine comonomer. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2017</b> , 28, 1935-1949	3.5	18
22	Encapsulation of Tandem Organic Luminescence Solar Concentrator With Optically Transparent Triple Layers of SiO <sub>2</sub> /Epoxy/SiO <sub>2</sub> . <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2016</b> , 22, 82-87	3.8	8
21	A strategy for constructing anti-adhesion surfaces based on interfacial thiol-ene photoclick chemistry between DOPA derivatives with a catechol anchor group and zwitterionic betaine macromolecules. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4964-4974	4.9	27
20	Double-crosslinked network design for self-healing, highly stretchable and resilient polymer hydrogels. <i>RSC Advances</i> , <b>2016</b> , 6, 12479-12485	3.7	17
19	Fabrication of biomimetic superhydrophobic surfaces by a simple flame treatment method. <i>Polymers for Advanced Technologies</i> , <b>2016</b> , 27, 1438-1445	3.2	17
18	Preparation, anti-biofouling and drag-reduction properties of a biomimetic shark skin surface. <i>Biology Open</i> , <b>2016</b> , 5, 389-96	2.2	57
17	Improved Performance by SiO Hollow Nanospheres for Silver Nanowire-Based Flexible Transparent Conductive Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 27055-27063	9.5	23

16	Progress and Perspective of Studies on Biomimetic Shark Skin Drag Reduction. <i>ChemBioEng Reviews</i> , <b>2016</b> , 3, 26-40	5.2	21
15	An enzyme-catalysed access to amphiphilic triblock copolymer of PCL-b-PEG-b-PCL: synthesis, characterization and self-assembly properties. <i>Designed Monomers and Polymers</i> , <b>2015</b> , 18, 799-806	3.1	11
14	An intermolecular quadruple hydrogen-bonding strategy to fabricate self-healing and highly deformable polyurethane hydrogels. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6878-6885	7.3	90
13	Click chemistry: a route to designing and preparing pseudo-biospecific immunoadsorbent for IgG adsorption. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 899, 96-102	3.2	8
12	Interaction of 4-aminosalicylic acid and surfactants in aqueous solutions using UV-Vis spectra and steady-state fluorescence spectroscopy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2011</b> , 26, 879-882	1	
11	Lipase-catalyzed synthesis and characterization of biodegradable polyester containing l-malic acid unit in solvent system. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 1114-1120	2.9	27
10	Synthesis and characterization of a novel pH-sensitive complex for drug release. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2010</b> , 25, 24-27	1	6
9	Temperature-dependent photoluminescence properties of synthesized schistoselike organic nanostructures. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 013104	2.5	2
8	Study on the Kinetics for Enzymatic Degradation of a Natural Polysaccharide, Konjac Glucomannan. <i>Macromolecular Symposia</i> , <b>2004</b> , 216, 165-178	0.8	25
7	Study of modified polypropylene nonwoven cloth. I. graft copolymerization of 4-vinylpyridine onto polypropylene nonwoven cloth by preirradiation method. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 77, 1861-1868	2.9	5
6	Study of modified polypropylene nonwoven cloth. II. Antibacterial activity of modified polypropylene nonwoven cloths. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 77, 1869-1876	2.9	54
5	A study of pyridinium-type functional polymers. III. Preparation and characterization of insoluble pyridinium-type polymers. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 78, 668-675	2.9	61
4	A study of pyridinium-type functional polymers. IV. Behavioral features of the antibacterial activity of insoluble pyridinium-type polymers. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 78, 676-684	2.9	88
3	Study of pyridinium-type functional polymers. II. Antibacterial activity of soluble pyridinium-type polymers. <i>Journal of Applied Polymer Science</i> , <b>1998</b> , 67, 1761-1768	2.9	64
2	A study of pyridinium-type functional polymers. I. Preparation and characterization of soluble pyridinium-type functional polymers. <i>Journal of Applied Polymer Science</i> , <b>1996</b> , 62, 2247-2255	2.9	9
1	Biooxazolidines-Enabled Improvement of Monocomponent Polyurethane Coatings. <i>Macromolecular Materials and Engineering</i> , 2100667	3.9	