

Elizabeth Gillies

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140
papers

7,149
citations

37
h-index

82
g-index

145
ext. papers

7,733
ext. citations

5.8
avg, IF

6.36
L-index

#	Paper	IF	Citations
140	Dendrimers and dendritic polymers in drug delivery. <i>Drug Discovery Today</i> , 2005 , 10, 35-43	8.8	1127
139	A single dose of doxorubicin-functionalized bow-tie dendrimer cures mice bearing C-26 colon carcinomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16649-54	11.5	561
138	Stimuli-responsive supramolecular assemblies of linear-dendritic copolymers. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11936-43	16.4	497
137	pH-Responsive copolymer assemblies for controlled release of doxorubicin. <i>Bioconjugate Chemistry</i> , 2005 , 16, 361-8	6.3	483
136	Designing macromolecules for therapeutic applications: polyester dendrimer-poly(ethylene oxide) "bow-tie" hybrids with tunable molecular weight and architecture. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14137-46	16.4	290
135	Acetals as pH-sensitive linkages for drug delivery. <i>Bioconjugate Chemistry</i> , 2004 , 15, 1254-63	6.3	257
134	Biological evaluation of polyester dendrimer: poly(ethylene oxide) "bow-tie" hybrids with tunable molecular weight and architecture. <i>Molecular Pharmaceutics</i> , 2005 , 2, 129-38	5.6	237
133	A new approach towards acid sensitive copolymer micelles for drug delivery. <i>Chemical Communications</i> , 2003 , 1640-1	5.8	230
132	Curcumin, a promising anti-cancer therapeutic: a review of its chemical properties, bioactivity and approaches to cancer cell delivery. <i>RSC Advances</i> , 2014 , 4, 10815	3.7	163
131	Macrocyclic and helical oligoamides as a new class of G-quadruplex ligands. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11890-1	16.4	152
130	Non-covalently functionalized single-walled carbon nanotube for topical siRNA delivery into melanoma. <i>Biomaterials</i> , 2014 , 35, 3435-42	15.6	120
129	Amplified release through the stimulus triggered degradation of self-immolative oligomers, dendrimers, and linear polymers. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 1031-45	18.5	117
128	A cascade biodegradable polymer based on alternating cyclization and elimination reactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 18327-34	16.4	117
127	Enhanced cell uptake of superparamagnetic iron oxide nanoparticles functionalized with dendritic guanidines. <i>Bioconjugate Chemistry</i> , 2008 , 19, 2375-84	6.3	112
126	Development of acid-sensitive copolymer micelles for drug delivery. <i>Pure and Applied Chemistry</i> , 2004 , 76, 1295-1307	2.1	111
125	Surface functionalization of nanomaterials with dendritic groups: toward enhanced binding to biological targets. <i>Journal of the American Chemical Society</i> , 2009 , 131, 734-41	16.4	102
124	Polyglyoxylates: a versatile class of triggerable self-immolative polymers from readily accessible monomers. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10116-23	16.4	98

123	Development and biological assessment of fully water-soluble helical aromatic amide foldamers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4081-4	16.4	90
122	Raman enhancement of azobenzene monolayers on substrates prepared by Langmuir-Blodgett deposition and electron-beam lithography techniques. <i>Langmuir</i> , 2008 , 24, 11313-21	4	66
121	Self-Immolative Polymers Containing Rapidly Cyclizing Spacers: Toward Rapid Depolymerization Rates. <i>Macromolecules</i> , 2012 , 45, 7364-7374	5.5	61
120	A reduction sensitive cascade biodegradable linear polymer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 3977-3985	2.5	61
119	Directed antigen presentation using polymeric microparticulate carriers degradable at lysosomal pH for controlled immune responses. <i>Molecular Pharmaceutics</i> , 2005 , 2, 83-91	5.6	60
118	Triggering Depolymerization: Progress and Opportunities for Self-Immolative Polymers. <i>Macromolecules</i> , 2019 , 52, 6342-6360	5.5	59
117	Antibacterial Activity of Polymers: Discussions on the Nature of Amphiphilic Balance. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3690-3693	16.4	56
116	Kinetics of Self-Immolative Degradation in a Linear Polymeric System: Demonstrating the Effect of Chain Length. <i>Macromolecules</i> , 2013 , 46, 5157-5166	5.5	52
115	Synthesis and self-assembly of supramolecular dendritic "Bow-Ties": effect of peripheral functionality on association constants. <i>Journal of Organic Chemistry</i> , 2004 , 69, 46-53	4.2	50
114	Strategies in functional poly(ester amide) syntheses to study human coronary artery smooth muscle cell interactions. <i>Biomacromolecules</i> , 2011 , 12, 2475-87	6.9	49
113	Surprising Antibacterial Activity and Selectivity of Hydrophilic Polyphosphoniums Featuring Sugar and Hydroxy Substituents. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12707-12710	16.4	47
112	Amphipathic helices from aromatic amino acid oligomers. <i>Journal of Organic Chemistry</i> , 2006 , 71, 7931-94.2		46
111	Phosphonium-Functionalized Polymer Micelles with Intrinsic Antibacterial Activity. <i>Biomacromolecules</i> , 2017 , 18, 914-923	6.9	41
110	Syntheses, characterization, and functionalization of poly(ester amide)s with pendant amine functional groups. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6376-6392	2.5	41
109	Poly(ethyl glyoxylate)-Poly(ethylene oxide) Nanoparticles: Stimuli-Responsive Drug Release via End-to-End Polyglyoxylate Depolymerization. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2548-2559	5.6	40
108	Preparation of antibacterial surfaces by hyperthermal hydrogen induced cross-linking of polymer thin films. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4881		39
107	Polymer cross-linking: a nanogel approach to enhancing the relaxivity of MRI contrast agents. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1027-1034	7.3	38
106	Biomimetic L-aspartic acid-derived functional poly(ester amide)s for vascular tissue engineering. <i>Acta Biomaterialia</i> , 2014 , 10, 3484-96	10.8	38

105	End-Capping Strategies for Triggering End-to-End Depolymerization of Polyglyoxylates. <i>Macromolecules</i> , 2016 , 49, 9309-9319	5.5	38
104	Polymer Network Formation Using the Phosphane≡ne Reaction: A Thiol≡ne Analogue with Diverse Postpolymerization Chemistry. <i>Chemistry of Materials</i> , 2015 , 27, 1412-1419	9.6	37
103	Microencapsulation by in situ Polymerization of Amino Resins. <i>Polymer Reviews</i> , 2018 , 58, 326-375	14	36
102	Functional aqueous assemblies of linear-dendron hybrids. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 148-172	2.5	36
101	A versatile approach for the syntheses of poly(ester amide)s with pendant functional groups. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3757-3772	2.5	35
100	Thermo-responsive self-immolative nanoassemblies: direct and indirect triggering. <i>Chemical Communications</i> , 2017 , 53, 12068-12071	5.8	34
99	Triggered degradation of poly(ester amide)s via cyclization of pendant functional groups of amino acid monomers. <i>Polymer Chemistry</i> , 2013 , 4, 1969	4.9	34
98	Dendritic Guanidines as Efficient Analogues of Cell Penetrating Peptides. <i>Pharmaceuticals</i> , 2010 , 3, 636-666	6.6	34
97	Self-Healing Polyphosphonium Ionic Networks. <i>Macromolecules</i> , 2017 , 50, 5253-5260	5.5	32
96	Multifunctional dendritic sialopolymersomes as potential antiviral agents: their lectin binding and drug release properties. <i>Langmuir</i> , 2013 , 29, 6420-8	4	32
95	Design, synthesis, and cyclization of 4-aminobutyric acid derivatives: potential candidates as self-immolative spacers. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1846-54	3.9	32
94	Photocontrolled Degradation of Stimuli-Responsive Poly(ethyl glyoxylate): Differentiating Features and Traceless Ambient Depolymerization. <i>Macromolecules</i> , 2016 , 49, 7196-7203	5.5	30
93	Multiresponsive Azobenzene End-Cap for Self-Immolative Polymers. <i>ACS Macro Letters</i> , 2014 , 3, 1191-1195	1.6	28
92	Single-walled carbon nanotubes noncovalently functionalized with lipid modified polyethylenimine for siRNA delivery in vitro and in vivo. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1744-51	6.3	28
91	Rubber Functionalization by Diels-Alder Chemistry: From Cross-Linking to Multifunctional Graft Copolymer Synthesis. <i>Macromolecules</i> , 2013 , 46, 6024-6030	5.5	27
90	Patterning of a Butyl Rubber-Poly(ethylene oxide) Graft Copolymer Revealed by Protein Adsorption. <i>Macromolecules</i> , 2010 , 43, 9230-9233	5.5	27
89	Curcumin-loaded, folic acid-functionalized magnetite particles for targeted drug delivery. <i>RSC Advances</i> , 2015 , 5, 37521-37532	3.7	26
88	Poly(ester amide)s with pendant azobenzenes: multi-responsive self-immolative moieties for modulating polymer assemblies. <i>Polymer Chemistry</i> , 2016 , 7, 1871-1881	4.9	26

87	Controlled positioning of analytes and cells on a plasmonic platform for glycan sensing using surface enhanced Raman spectroscopy. <i>Chemical Science</i> , 2016 , 7, 575-582	9.4	26
86	Synthesis, properties, and antibacterial activity of polyphosphonium semi-interpenetrating networks. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4872-4883	7.3	25
85	Seasonal accumulation of acetylated triacylglycerols by a freeze-tolerant insect. <i>Journal of Experimental Biology</i> , 2014 , 217, 1580-7	3	24
84	Versatile strained alkyne modified water-soluble AuNPs for interfacial strain promoted azide-alkyne cycloaddition (I-SPAAC). <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1764-1769	7.3	24
83	Polyglyoxylamides: Tuning Structure and Properties of Self-Immolative Polymers. <i>Macromolecules</i> , 2019 , 52, 262-270	5.5	24
82	Synthesis and degradation of backbone photodegradable polyester dendrimers. <i>Organic Letters</i> , 2013 , 15, 1830-3	6.2	23
81	Contact active antibacterial phosphonium coatings cured with UV light. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1474-1478	7.3	21
80	Fluorinated polymerizable phosphonium salts from PH3: Surface properties of photopolymerized films. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 2782-2792	2.5	20
79	Preparation of protein- and cell-resistant surfaces by hyperthermal hydrogen induced cross-linking of poly(ethylene oxide). <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 1740-8	9.5	20
78	Thermosensitive polymer-grafted iron oxide nanoparticles studied by in situ dynamic light backscattering under magnetic hyperthermia. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 494001	3	19
77	Focal contact formation of vascular smooth muscle cells on Langmuir-Blodgett and solvent-cast films of biodegradable poly(ester amide)s. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1303-12	9.5	19
76	Synthesis and Assembly of Butyl Rubber/Poly(ethylene oxide) Graft Copolymers: From Surface Patterning to Resistance to Protein Adsorption. <i>Macromolecules</i> , 2011 , 44, 6405-6415	5.5	19
75	Dendritic surface functionalization of biodegradable polymer assemblies. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2546-2559	2.5	18
74	Controlling Endosomal Escape Using pH-Responsive Nanoparticles with Tunable Disassembly. <i>ACS Applied Nano Materials</i> , 2018 , 1, 3164-3173	5.6	17
73	Structure-Property Relationships for a Series of Poly(ester amide)s Containing Amino Acids. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 1452-1460	3.9	17
72	Systematic Study of Polyglyoxylamides as Powerful, High-Cloud-Point Kinetic Hydrate Inhibitors. <i>Energy & Fuels</i> , 2019 , 33, 2067-2075	4.1	17
71	Tuning the hydrophobic cores of self-immolative polyglyoxylate assemblies. <i>Polymer Chemistry</i> , 2018 , 9, 2601-2610	4.9	16
70	Photodegradable poly(ester amide)s for indirect light-triggered release of paclitaxel. <i>Polymer Chemistry</i> , 2014 , 5, 7062-7071	4.9	16

69	Functional polymer laminates from hyperthermal hydrogen induced cross-linking. <i>Langmuir</i> , 2011 , 27, 14820-7	4	16
68	Antibacterial Activity of Polymers: Discussions on the Nature of Amphiphilic Balance. <i>Angewandte Chemie</i> , 2019 , 131, 3728-3731	3.6	15
67	Depolymerization of Trityl End-Capped Poly(Ethyl Glyoxylate): Potential Applications in Smart Packaging. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800173	4.8	15
66	Tuning polymersome surfaces: functionalization with dendritic groups. <i>Soft Matter</i> , 2012 , 8, 5947	3.6	15
65	Synthetic glycopolypeptides: synthesis and self-assembly of poly(Ebenzyl-L-glutamate)-glycosylated dendron hybrids. <i>Polymer Chemistry</i> , 2015 , 6, 7902-7912	4.9	14
64	Controlled Polymerization of Ethyl Glyoxylate Using Alkylolithium and Alkoxide Initiators. <i>Macromolecules</i> , 2018 , 51, 5501-5510	5.5	14
63	CapturePhos TM A phosphorus-rich polymer as a homogeneous catalyst scavenger. <i>Catalysis Science and Technology</i> , 2017 , 7, 2685-2688	5.5	13
62	Poly(ester amide) particles for controlled delivery of celecoxib. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1235-1243	5.4	13
61	Kinetically controlled patterning of highly cross-linked phosphonium photopolymers using simple anion exchange. <i>Langmuir</i> , 2015 , 31, 5181-9	4	13
60	Carboxylic Acid-Functionalized Butyl Rubber: Synthesis, Characterization, and Physical Properties. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 4763-4772	3.9	13
59	Hybrid Polyester Self-Immolative Polymer Nanoparticles for Controlled Drug Release. <i>ACS Omega</i> , 2018 , 3, 5002-5011	3.9	13
58	Amphipathic beta-strand mimics as potential membrane disruptive antibiotics. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5953-60	4.2	13
57	Development of Fertilizer Coatings from Polyglyoxylate-Polyester Blends Responsive to Root-Driven pH Change. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12720-12729	5.7	12
56	Covalent Polyisobutylene-Paclitaxel Conjugates for Controlled Release from Potential Vascular Stent Coatings. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14506-17	9.5	12
55	Biodegradable dendritic polymersomes as modular, high-relaxivity MRI contrast agents. <i>RSC Advances</i> , 2012 , 2, 7971	3.7	12
54	Poly(para-phenylene ethynylene)s functionalized with Gd(III) chelates as potential MRI contrast agents. <i>Canadian Journal of Chemistry</i> , 2011 , 89, 47-56	0.9	12
53	Investigating the Effects of Tissue-Specific Extracellular Matrix on the Adipogenic and Osteogenic Differentiation of Human Adipose-Derived Stromal Cells Within Composite Hydrogel Scaffolds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 402	5.8	12
52	Composite Bioscaffolds Incorporating Decellularized ECM as a Cell-Instructive Component Within Hydrogels as In Vitro Models and Cell Delivery Systems. <i>Methods in Molecular Biology</i> , 2018 , 1577, 183-208	1.4	11

51	Synthesis and Characterization of a Family of Air-Stable Ferrocene- and Ruthenocene-Containing Primary, Secondary, and Tertiary Phosphines. <i>Organometallics</i> , 2015 , 34, 4272-4280	3.8	11
50	Reflections on the Evolution of Smart Polymers. <i>Israel Journal of Chemistry</i> , 2020 , 60, 75-85	3.4	11
49	Self-Regenerating Antimicrobial Polymer Surfaces via Multilayer-Design - Sequential and Triggered Layer Shedding under Physiological Conditions. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1802049	4.6	10
48	The architectural evolution of self-immolative polymers. <i>Polymer</i> , 2020 , 202, 122638	3.9	10
47	Post-polymerization functionalization of poly(ethylene oxide)-poly(ϵ -heptenolactone) diblock copolymers to tune properties and self-assembly. <i>Polymer Chemistry</i> , 2017 , 8, 557-567	4.9	9
46	Phosphane-ene chemistry: the reactivity of air-stable primary phosphines and their compatibility with the thiol-ene reaction. <i>Dalton Transactions</i> , 2015 , 44, 15664-70	4.3	9
45	The formation of gold nanoparticles in photopolymerized networks. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 476-481	0.9	9
44	Surprising Antibacterial Activity and Selectivity of Hydrophilic Polyphosphoniums Featuring Sugar and Hydroxy Substituents. <i>Angewandte Chemie</i> , 2018 , 130, 12889-12892	3.6	9
43	Thermoresponsive and Covalently Cross-Linkable Hydrogels for Intra-Articular Drug Delivery.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3498-3507	4.1	9
42	Self-crosslinking borate anions for the production of tough UV-cured polyelectrolyte surfaces. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 499-508	2.5	9
41	Synthesis and properties of butyl rubber-poly(ethylene oxide) graft copolymers with high PEO content. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 3383-3394	2.5	9
40	Synthesis, self-assembly, and immunological activity of β -galactose-functionalized dendron-lipid amphiphiles. <i>Nanoscale</i> , 2016 , 8, 17694-17704	7.7	9
39	Effect of drug loading on the properties of temperature-responsive polyester-poly(ethylene glycol)-polyester hydrogels. <i>Polymer International</i> , 2019 , 68, 1074-1083	3.3	8
38	A comparison of covalent and noncovalent strategies for paclitaxel release using poly(ester amide) graft copolymer micelles. <i>Canadian Journal of Chemistry</i> , 2015 , 93, 399-405	0.9	8
37	Polymer Assembly Encapsulation of Lanthanide Nanoparticles as Contrast Agents for In Vivo Micro-CT. <i>Biomacromolecules</i> , 2018 , 19, 896-905	6.9	8
36	Multi-stimuli-responsive self-immolative polymer assemblies. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1868-1877	2.5	8
35	Cleaving C-H bonds with hyperthermal H ₂ : facile chemistry to cross-link organic molecules under low chemical- and energy-loads. <i>Green Chemistry</i> , 2014 , 16, 1316-1325	10	8
34	Synthesis, self-assembly, and degradation of amphiphilic triblock copolymers with fully photodegradable hydrophobic blocks. <i>Canadian Journal of Chemistry</i> , 2015 , 93, 126-133	0.9	8

33	Synthesis, properties and degradation of polyisobutylene-polyester graft copolymers. <i>Polymer International</i> , 2017 , 66, 42-51	3.3	7
32	Synthesis and application of cinnamate-functionalized rubber for the preparation of UV-curable films. <i>European Polymer Journal</i> , 2013 , 49, 4238-4248	5.2	6
31	Culture on Tissue-Specific Coatings Derived from α -Amylase-Digested Decellularized Adipose Tissue Enhances the Proliferation and Adipogenic Differentiation of Human Adipose-Derived Stromal Cells. <i>Biotechnology Journal</i> , 2020 , 15, e1900118	5.6	6
30	Phosphonium Polyelectrolyte Complexes for the Encapsulation and Slow Release of Ionic Cargo. <i>Biomacromolecules</i> , 2020 , 21, 152-162	6.9	6
29	Photoinduced Degradation of Polymer Films Using Polyglyoxylate-Polyester Blends and Copolymers. <i>ACS Omega</i> , 2018 , 3, 18603-18612	3.9	6
28	Synthesis and functionalization of polymer networks via germane-ene chemistry. <i>Polymer Chemistry</i> , 2017 , 8, 3425-3430	4.9	5
27	Effect of Counterions on the Self-Assembly of Polystyrene-Polyphosphonium Block Copolymers. <i>Langmuir</i> , 2017 , 33, 14738-14747	4	5
26	Self-Immolative Polymers 2015 , 1-35		5
25	Self-Assembly of Supramolecular Polymers from β -Strand Peptidomimetic-Poly(ethylene oxide) Hybrids. <i>Macromolecules</i> , 2010 , 43, 4453-4459	5.5	5
24	Fabrication and In Situ Cross-Linking of Carboxylic-Acid-Functionalized Poly(Ester Amide) Scaffolds for Tissue Engineering. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2360-2369	4.3	4
23	Synthesis and properties of arborescent polyisobutylene-poly(ethylene oxide) graft copolymers: a comparison of linear and arborescent graft copolymer architectures. <i>Polymer International</i> , 2015 , 64, 611-620	3.3	4
22	Design, Synthesis and Assembly of Self-Immolative Linear Block Copolymers. <i>ACS Symposium Series</i> , 2011 , 9-21	0.4	4
21	pH-Sensitive Chitosan Nanoparticles for Salivary Protein Delivery. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
20	GSK3787-Loaded Poly(Ester Amide) Particles for Intra-Articular Drug Delivery. <i>Polymers</i> , 2020 , 12,	4.5	4
19	Phosphonium hydrogels for controlled release of ionic cargo. <i>Chemical Communications</i> , 2018 , 54, 11164-11167	5.1	4
18	Synthesis and properties of arborescent polyisobutylene derivatives and a paclitaxel conjugate: Towards stent coatings with prolonged drug release. <i>European Polymer Journal</i> , 2015 , 72, 148-162	5.2	3
17	Thermoresponsive Self-Immolative Polyglyoxylamides. <i>Biomacromolecules</i> , 2020 , 21, 3817-3825	6.9	3
16	Polyelectrolyte Coatings Can Control Charged Fluorocarbon Nanodroplet Stability and Their Interaction with Macrophage Cells. <i>Langmuir</i> , 2019 , 35, 4603-4612	4	3

15	Phosphonium versus Ammonium Compact Polyelectrolyte Complex Networks with Alginate-Comparing Their Properties and Cargo Encapsulation. <i>Langmuir</i> , 2020 , 36, 8253-8264	4	2
14	Covalent drug immobilization in poly(ester amide) nanoparticles for controlled release. <i>Canadian Journal of Chemical Engineering</i> , 2015 , 93, 2098-2106	2.3	2
13	Evaluation of pH-dependent amphiphilic carbosilane dendrons in micelle formation, drug loading and HIV-1 infection. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 9639-9652	3.9	2
12	Neutral, water-soluble poly(ester amide) hydrogels for cell encapsulation. <i>European Polymer Journal</i> , 2020 , 136, 109899	5.2	2
11	Transesterification of Poly(ethyl glyoxylate): A Route to Structurally Diverse Polyglyoxylates. <i>Macromolecules</i> , 2020 , 53, 8600-8609	5.5	2
10	Polymer particles for the intra-articular delivery of drugs to treat osteoarthritis. <i>Biomedical Materials (Bristol)</i> , 2021 ,	3.5	2
9	Polyesters based on aspartic acid and poly(ethylene glycol): Functional polymers for hydrogel preparation. <i>European Polymer Journal</i> , 2021 , 152, 110456	5.2	2
8	PEG-modified gadolinium nanoparticles as contrast agents for in vivo micro-CT. <i>Scientific Reports</i> , 2021 , 11, 16603	4.9	2
7	Acid-Responsive Poly(glyoxylate) Self-Immolative Star Polymers. <i>Biomacromolecules</i> , 2021 , 22, 3892-3900	6.9	2
6	Dendrimer Bioconjugates: Synthesis and Applications 2014 , 146-183		1
5	Polyisobutylene-paclitaxel conjugates with pendant carboxylic acids and polystyrene chains: Towards multifunctional stent coatings with slow drug release. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 2209-2219	2.5	1
4	Glycodendrimers and their Biological Applications 2010 , 261-305		0
3	Post-polymerization Click End-capping of polyglyoxylate self-immolative polymers. <i>Polymer Chemistry</i> , 2021 , 12, 6824-6831	4.9	0
2	Self-immolative dendron hydrogels. <i>Chemical Communications</i> , 2021 , 57, 11072-11075	5.8	0
1	An oxygenated rubber derivative as a compatibilizer for the preparation of polymer films 2013 , 10, 733-742		