

Haojie Yu

List of Publications by Citations

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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.

79
papers

1,663
citations

24
h-index

38
g-index

83
ext. papers

2,160
ext. citations

5.5
avg, IF

4.89
L-index

#	Paper	IF	Citations
79	Organization of glucose-responsive systems and their properties. <i>Chemical Reviews</i> , 2011 , 111, 7855-75	68.1	279
78	Review on synthesis of ferrocene-based redox polymers and derivatives and their application in glucose sensing. <i>Analytica Chimica Acta</i> , 2015 , 876, 9-25	6.6	106
77	Recent Research Progress in Burning Rate Catalysts. <i>Propellants, Explosives, Pyrotechnics</i> , 2011 , 36, 404-409		85
76	Recent research progress in the synthesis and properties of burning rate catalysts based on ferrocene-containing polymers and derivatives. <i>Journal of Organometallic Chemistry</i> , 2014 , 755, 16-32	2.3	76
75	Advances in chemical modifications of starches and their applications. <i>Carbohydrate Research</i> , 2019 , 476, 12-35	2.9	67
74	Preparation, properties and challenges of the microneedles-based insulin delivery system. <i>Journal of Controlled Release</i> , 2018 , 288, 173-188	11.7	58
73	A Donor-Acceptor Conjugated Polymer with Alternating Isoindigo Derivative and Bithiophene Units for Near-Infrared Modulated Cancer Thermo-Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19312-20	9.5	49
72	Recent progress in design and preparation of glucose-responsive insulin delivery systems. <i>Journal of Controlled Release</i> , 2020 , 321, 236-258	11.7	46
71	Ferrocene-based polyethyleneimines for burning rate catalysts. <i>New Journal of Chemistry</i> , 2016 , 40, 3155-3163	4.2	42
70	Synthesis of hydrogel-bearing phenylboronic acid moieties and their applications in glucose sensing and insulin delivery. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3831-3854	7.3	41
69	Recent progress in the electron paramagnetic resonance study of polymers. <i>Polymer Chemistry</i> , 2018 , 9, 3306-3335	4.9	41
68	Electrochemical assessment of the interaction of dihydrogen phosphate with a novel ferrocenyl receptor. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15141-4	3.4	36
67	Synthesis and curing behavior of a novel ferrocene-based epoxy compound. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 1594-1599	2.9	36
66	Advances in phenylboronic acid-based closed-loop smart drug delivery system for diabetic therapy. <i>Journal of Controlled Release</i> , 2019 , 305, 50-64	11.7	34
65	Highly Tough Hydrogels with the Body Temperature-Responsive Shape Memory Effect. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 43563-43572	9.5	33
64	Synthesis, anti-migration and burning rate catalytic mechanism of ferrocene-based compounds. <i>Applied Organometallic Chemistry</i> , 2014 , 28, 567-575	3.1	31
63	Synthesis of ethylene diamine-based ferrocene terminated dendrimers and their application as burning rate catalysts. <i>Journal of Colloid and Interface Science</i> , 2017 , 487, 38-51	9.3	30

62	Molecular design, synthesis and biomedical applications of stimuli-responsive shape memory hydrogels. <i>European Polymer Journal</i> , 2019 , 114, 380-396	5.2	29
61	Synthesis of ferrocenyl functionalized hyperbranched polyethylene and its application as low migration burning rate catalyst. <i>Journal of Organometallic Chemistry</i> , 2015 , 799-800, 273-280	2.3	29
60	Synthesis of polyphosphazenes with different side groups and various tactics for drug delivery. <i>RSC Advances</i> , 2017 , 7, 23363-23391	3.7	28
59	Synthesis of a novel ferrocene-based epoxy compound and its burning rate catalytic property. <i>RSC Advances</i> , 2016 , 6, 53679-53687	3.7	26
58	Study on anion electrochemical recognition based on a novel ferrocenyl compound with multiple binding sites. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11171-6	3.4	25
57	Study on synthesis and electrochemical properties of novel ferrocene-based compounds and their applications in anion recognition. <i>Electrochimica Acta</i> , 2009 , 54, 5413-5420	6.7	24
56	Recent progress in the synthesis of silver nanowires and their role as conducting materials. <i>Journal of Materials Science</i> , 2019 , 54, 997-1035	4.3	24
55	Electrochemical behavior on poly(ferrocenyldimethylsilane)-b-poly(benzyl ether) linear-dendritic organometallic polymer films. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 586, 122-127	4.1	23
54	Synthesis of Ferrocene-Based Hyperbranched Polyether and Its Catalytic Performance for Thermal Decomposition of Ammonium Perchlorate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 1063-1069	3.2	22
53	Synthesis of Glycidyl Ether of Poly(bisphenol-A 1,1'-ferrocene dicarboxylate) and Its Electrochemical Behavior. <i>Designed Monomers and Polymers</i> , 2009 , 12, 305-313	3.1	22
52	Triple and Two-Way Reversible Shape Memory Polymer Networks with Body Temperature and Water Responsiveness. <i>Chemistry of Materials</i> , 2021 , 33, 1190-1200	9.6	22
51	Effective reduction of 4-nitrophenol with Au NPs loaded ultrathin two dimensional metal-organic framework nanosheets. <i>Applied Catalysis A: General</i> , 2020 , 599, 117605	5.1	21
50	Synthesis of ferrocene-based polythiophenes and their applications. <i>Polymer Chemistry</i> , 2014 , 5, 6879-6892	4.9	20
49	Synthesis of amphiphilic block copolymers containing ferroceneboronic acid and their micellization, redox-responsive properties and glucose sensing. <i>Colloid and Polymer Science</i> , 2017 , 295, 995-1006	2.4	18
48	Recent research progress on polyphosphazene-based drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1555-1575	7.3	15
47	Sustained release of hydrophilic drug from polyphosphazenes/poly(methyl methacrylate) based microspheres and their degradation study. <i>Materials Science and Engineering C</i> , 2016 , 58, 169-79	8.3	12
46	NIR Light-Triggered Shape Memory Polymers Based on Mussel-Inspired Iron-Catechol Complexes. <i>Advanced Functional Materials</i> , 2021 , 31, 2102621	15.6	12
45	Synthesis of reductive responsive polyphosphazenes and their fabrication of nanocarriers for drug delivery application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 581-591	3	12

44	Recent Progress on the Preparation of Cyclomatrix-Polyphosphazene Based Micro/Nanospheres and Their Application for Drug Release. <i>ChemistrySelect</i> , 2020 , 5, 5939-5958	1.8	10
43	Recent progress in EPR study of spin labeled polymers and spin probed polymer systems. <i>Journal of Polymer Science</i> , 2020 , 58, 1924-1948	2.4	10
42	Study on the electrochemical, thermal, and liquid crystalline properties of poly(diethyleneglycol 1,1'-ferrocene dicarboxylate). <i>Designed Monomers and Polymers</i> , 2013 , 16, 160-169	3.1	10
41	Synthesis of polyphosphazene and preparation of microspheres from polyphosphazene blends with PMMA for drug combination therapy. <i>Journal of Materials Science</i> , 2019 , 54, 745-764	4.3	10
40	Synthesis and catalytic performance of ferrocene-based compounds as burning rate catalysts. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3754	3.1	9
39	Synthesis of ferrocene-based saccharides and their anti-migration and burning rate catalytic properties. <i>RSC Advances</i> , 2016 , 6, 97469-97481	3.7	9
38	A review of recent advances in the preparation of polyaniline-based composites and their electromagnetic absorption properties. <i>Journal of Materials Science</i> , 2021 , 56, 5449-5478	4.3	9
37	Synthesis of polyorganophosphazenes and preparation of their polymersomes for reductive/acidic dual-responsive anticancer drugs release. <i>Journal of Materials Science</i> , 2020 , 55, 8264-8284	4.3	8
36	Recent Progress on Fabrication and Performance of Polymer Composites with Highly Thermal Conductivity. <i>Macromolecular Materials and Engineering</i> , 2100434	3.9	8
35	Synthesis, anti-migration properties and burning rate catalytic properties of ferrocene-based compounds. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118958	2.7	7
34	Electromagnetic interference shielding effectiveness of ferrocene-based polyimidazole/carbon material composites. <i>Polymer Composites</i> , 2020 , 41, 2068-2081	3	7
33	Multiple-stimuli-responsiveness and conformational inversion of smart supramolecular nanoparticles assembled from spin labeled amphiphilic random copolymers. <i>Journal of Colloid and Interface Science</i> , 2021 , 585, 237-249	9.3	7
32	Biodegradable phenylboronic acid-modified ϵ -polylysine for glucose-responsive insulin delivery transdermal microneedles. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6017-6028	7.3	7
31	State of the Art and Prospects in Metal-Organic Framework-Derived Microwave Absorption Materials.. <i>Nano-Micro Letters</i> , 2022 , 14, 68	19.5	7
30	Synthesis of silver nanowires with controlled diameter and their conductive thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 12876-12887	2.1	5
29	Polyphosphazene and Non-Catechol-Based Antibacterial Injectable Hydrogel for Adhesion of Wet Tissues as Wound Dressing. <i>Advanced Healthcare Materials</i> , 2021 , e2101421	10.1	5
28	Preparation of phenylboronic acid-based hydrogel microneedle patches for glucose-dependent insulin delivery. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49772	2.9	5
27	A study on the fabrication and microwave shielding properties of PANI/C60 heterostructures. <i>Polymer Composites</i> , 2021 , 42, 1961-1976	3	5

26	Synthesis of spin labeled ethylene glycol based polymers and study of their segmental motion. <i>Journal of Molecular Structure</i> , 2020 , 1218, 128528	3-4	4
25	Synthesis of Ferrocene-based Esters as Burning Rate Catalysts and their Anti-migration Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1671-1678	1-3	4
24	Synthesis and Anti-migration Studies of Ferrocene-Based Amides as Burning Rate Catalysts. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 2511-2520	3-2	4
23	Polypyrrole nanotube/ferrocene-modified graphene oxide composites: From fabrication to EMI shielding application. <i>Journal of Materials Science</i> , 2021 , 56, 18093-18115	4-3	4
22	Multi-stimuli-responsive performance and morphological changes of radical-functionalized self-assembled micellar nanoaggregates and their multi-triggered drug release. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 625, 126807	5-1	4
21	The synthesis and responsive properties of novel glucose-responsive microgels. <i>Polymer Science - Series A</i> , 2012 , 54, 209-213	1-2	3
20	Glucose-Induced Disintegrated Hydrogel for the Glucose-Responsive Delivery of Insulin. <i>ChemistrySelect</i> , 2021 , 6, 11664-11674	1-8	3
19	Synthesis of spin-labelled poly(acrylic acid)s and their segmental motion study. <i>Molecular Physics</i> , 2020 , 118, e1685690	1-7	3
18	Synthesis of poly(diethylaminoethyl methacrylate-co-2,2,6,6-tetramethyl-4-piperidyl methacrylate)s and their segmental motion study. <i>Colloid and Polymer Science</i> , 2020 , 298, 1473-1486	2-4	3
17	Dynamics in Controllable Stimuli-Responsive Self-Assembly of Polymer Vesicles with Stable Radical Functionality.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 61693-61706	9-5	2
16	Recent Advances on Designs and Applications of Hydrogel Adhesives. <i>Advanced Materials Interfaces</i> , 2021 , 10, 2101038	1-3	2
15	Glucose- Responsive Actuators Based on Bigel Strip from Host-Guest Assembly Between a Cyclodextrin-Based Host Gel and a Ferrocene-Based Guest Gel. <i>ChemistrySelect</i> , 2020 , 5, 8858-8863	1-8	2
14	Synthesis of polyorganophosphazenes and fabrication of their blend microspheres and micro/nanofibers as drug delivery systems. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 69, 545-566	3	2
13	Synthesis of AgNWs Using High Molecular Weight PVP As a Capping Agent and Their Application in Conductive Thin Films. <i>Journal of Electronic Materials</i> , 2021 , 50, 2789-2799	1-9	2
12	Cross-Linking-Density-Changeable Microneedle Patch Prepared from a Glucose-Responsive Hydrogel for Insulin Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 4870-4882	5-5	2
11	Synthesis of amino-cosubstituted polyorganophosphazenes and fabrication of their nanoparticles for anticancer drug delivery. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49424	2-9	1
10	Synthesis of ferrocene- and azobenzene-based compounds for anion recognition. <i>Journal of Zhejiang University: Science A</i> , 2016 , 17, 144-154	2-1	1
9	Research progress on cosmetic microneedle systems: Preparation, property and application. <i>European Polymer Journal</i> , 2022 , 163, 110942	5-2	1

8	Stimuli-sensitivity and dynamics in the self-assembly structure of TEMPO-containing nonamphiphilic nanoparticles and their triggering hydrophobic drug release. <i>Materials Today Communications</i> , 2022 , 30, 103107	2.5	1
7	Synthesis of Succinylated Starches and Their Application as Adsorbents for the Removal of Phenol. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 2676	4.5	1
6	The Formation of Polyethylene Using η^5 -Diiminonickel Precatalyst in the Presence of CoCp2 and AgOTf. <i>ChemistrySelect</i> , 2021 , 6, 7663-7669	1.8	1
5	Synthesis of succinylated carboxymethyl starches and their role as adsorbents for the removal of phenol. <i>Colloid and Polymer Science</i> , 2021 , 299, 1833-1841	2.4	0
4	Recent advances in the smart insulin delivery systems for the treatment of diabetes. <i>European Polymer Journal</i> , 2021 , 161, 110829	5.2	0
3	Advances in the Synthesis of Polyolefin Elastomers with η^5 -Chain-walking σ -Catalysts and Electron Spin Resonance Research of Related Catalytic Systems. <i>Current Organic Chemistry</i> , 2021 , 25, 935-949	1.7	0
2	Advances in adhesive hydrogels for tissue engineering. <i>European Polymer Journal</i> , 2022 , 172, 111241	5.2	0
1	Study on ethylene/1-hexene copolymerization catalyzed by η^5 -Diimine nickel catalysts with different ligands. <i>Magnetic Resonance Letters</i> , 2021 , 1, 100022		