

# Yihua Yin

## List of Publications by Citations

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43  
papers

820  
citations

16  
h-index

27  
g-index

44  
ext. papers

1,048  
ext. citations

5.7  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
43	Encapsulation and controlled release of hydrophilic pesticide in shell cross-linked nanocapsules containing aqueous core. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 463, 108-114	6.5	85
42	pH/redox responsive core cross-linked nanoparticles from thiolated carboxymethyl chitosan for in vitro release study of methotrexate. <i>Carbohydrate Polymers</i> , <b>2014</b> , 111, 964-70	10.3	71
41	Folate Receptor-Targeted and GSH-Responsive Carboxymethyl Chitosan Nanoparticles Containing Covalently Entrapped 6-Mercaptopurine for Enhanced Intracellular Drug Delivery in Leukemia. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	65
40	Photo-responsive shell cross-linked micelles based on carboxymethyl chitosan and their application in controlled release of pesticide. <i>Carbohydrate Polymers</i> , <b>2015</b> , 132, 520-8	10.3	60
39	Disulfide cross-linked nanospheres from sodium alginate derivative for inflammatory bowel disease: Preparation, characterization, and in vitro drug release behavior. <i>Carbohydrate Polymers</i> , <b>2012</b> , 88, 663-669	10.3	54
38	Preparation, characterization, and in vitro drug release behavior of 6-mercaptopurine-carboxymethyl chitosan. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 1952-1958	10.3	47
37	Gelation of photocrosslinkable carboxymethyl chitosan and its application in controlled release of pesticide. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 1007-1013	10.3	44
36	Synthesis of photoresponsive polymeric propesticide micelles based on PEG for the controlled release of a herbicide. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 899-904	4.9	38
35	Alendronate-decorated biodegradable polymeric micelles for potential bone-targeted delivery of vancomycin. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2015</b> , 26, 629-43	3.5	34
34	A positron emission tomography image-guidable unimolecular micelle nanoplatfrom for cancer theranostic applications. <i>Acta Biomaterialia</i> , <b>2018</b> , 79, 306-316	10.8	25
33	Preparation and antibacterial properties of O-carboxymethyl chitosan/lincomycin hydrogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2016</b> , 27, 370-84	3.5	21
32	One-pot synthesis of biopolymeric hollow nanospheres by photocrosslinking. <i>Chemical Communications</i> , <b>2010</b> , 46, 8222-4	5.8	18
31	Preparation and swelling kinetics of pH-sensitive photocrosslinked hydrogel based on carboxymethyl chitosan. <i>Journal of Polymer Research</i> , <b>2010</b> , 17, 471-479	2.7	18
30	A bio-responsive 6-mercaptopurine/doxorubicin based "Click Chemistry" polymeric prodrug for cancer therapy. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110461	8.3	18
29	Preparation and properties of polyvinyl alcohol/N-succinyl chitosan/lincomycin composite antibacterial hydrogels for wound dressing. <i>Carbohydrate Polymers</i> , <b>2021</b> , 261, 117875	10.3	17
28	Preparation and properties of novel hydrogel based on chitosan modified by poly(amidoamine) dendrimer. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 828-37	7.9	16
27	pH and reduction-activated polymeric prodrug nanoparticles based on a 6-thioguanine-dialdehyde sodium alginate conjugate for enhanced intracellular drug release in leukemia. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 3415-3424	4.9	16

26	Underwater Superoleophobic and Salt-Tolerant Sodium Alginate/N-Succinyl Chitosan Composite Aerogel for Highly Efficient Oil/Water Separation. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1124-1133	4.3	15
25	A novel melphalan polymeric prodrug: preparation and property study. <i>Carbohydrate Polymers</i> , <b>2014</b> , 111, 928-35	10.3	15
24	Hydroxypropyl chitosan-based dual self-healing hydrogel for adsorption of chromium ions. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 174, 89-100	7.9	14
23	Enzyme/pH dual-responsive polymer prodrug nanoparticles based on 10-hydroxycamptothecin-carboxymethylchitosan for enhanced drug stability and anticancer efficacy. <i>European Polymer Journal</i> , <b>2019</b> , 117, 372-381	5.2	13
22	Preparation, characterization, and in vitro drug release behavior of glutathione-sensitive long-circulation micelles based on polyethylene glycol prodrug. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2016</b> , 27, 472-89	3.5	13
21	A sodium alginate-based nano-pesticide delivery system for enhanced in vitro photostability and insecticidal efficacy of phloxine B. <i>Carbohydrate Polymers</i> , <b>2020</b> , 247, 116677	10.3	11
20	Chitosan-g-PAA hydrogels for colon-specific drug delivery: Preparation, swelling behavior and in vitro degradability. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2010</b> , 25, 248-251	1	11
19	Dual pH-responsive-charge-reversal micelle platform for enhanced anticancer therapy. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111527	8.3	11
18	Construction and in vitro evaluation of enzyme nanoreactors based on carboxymethyl chitosan for arginine deprivation in cancer therapy. <i>Carbohydrate Polymers</i> , <b>2017</b> , 162, 35-41	10.3	10
17	The preparation and characterization of micelles from poly( $\beta$ -glutamic acid)-graft-poly(L-lactide) and the cellular uptake thereof. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2015</b> , 26, 187	4.5	9
16	Hydrogen-bonding strategy for constructing pH-sensitive core-shell micelles with hydrophilic polymer as the shell and hydrophobic drug as the core. <i>RSC Advances</i> , <b>2014</b> , 4, 28499-28503	3.7	7
15	Synthesis and in vitro evaluation of methotrexate conjugated O,N-carboxymethyl chitosan via peptidyl spacers. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	6
14	Preparation, swelling and antibacterial behaviors of N-succinyl chitosan-g-poly(acrylic acid-co-acrylamide) superabsorbent hydrogels. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2017</b> , 32, 963-970	1	5
13	Poly(N-isopropylacrylamide), poly(methacrylic acid) and their copolymers for oral colon-specific drug delivery. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2009</b> , 24, 571-574	1	5
12	Hyaluronic Acid-RGD Peptide Conjugated Mesoporous Silica-coated Gold Nanorods for Cancer Dual-targeted Chemo-photothermal Therapy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2018</b> , 33, 512-523	1	4
11	PEGylated Nanoscale Metal-Organic Frameworks for Targeted Cancer Imaging and Drug Delivery. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 2195-2204	6.3	4
10	Preparation and Properties of Poly(amidoamine) Dendrimer/Quaternary Ammonium Chitosan Hydrogels. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2018</b> , 33, 736-743	1	3
9	Polymeric micelles with photo-activated proton release behavior for enhanced tumor extracellular pH targeting and drug release. <i>European Polymer Journal</i> , <b>2017</b> , 96, 69-78	5.2	3

8	Melphalan-monomethoxypolyethylene glycol-based pH/enzyme double-response polymer prodrug nanoparticles for enhanced drug stability and anticancer efficacy. <i>European Polymer Journal</i> , <b>2020</b> , 122, 109350	5.2	3
7	Physically Cross-linked Hydrogels with Excellent Self-healing, Moldability, Antibacterial Activities and Adjustable Mechanical Properties. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2019</b> , 34, 1484-1494	1	3
6	Synthesis and evaluation of novel chitosan derivatives for gene delivery. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2015</b> , 30, 852-858	1	2
5	A new antibacterial nano-system based on hematoporphyrin-carboxymethyl chitosan conjugate for enhanced photostability and photodynamic activity. <i>Carbohydrate Polymers</i> , <b>2021</b> , 269, 118242	10.3	2
4	Stereocomplexation Assisted Assembly of Poly(L-glutamic Acid)-graft-poly(lactide) Nano-micelles and Their Efficacy as Anticancer Drug Carrier. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2018</b> , 18, 302-311 <sup>2</sup>	2.2	1
3	UV/enzyme dual responsive photosensitizer-loaded 4-(Phenylazo)benzoic Acid-mPEG nanosystem for enhanced photodynamic insecticide efficacy. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50731	2.9	1
2	Preparation and properties of O-chitosan quaternary ammonium salt/polyvinyl alcohol/graphene oxide dual self-healing hydrogel.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 287, 119318	10.3	1
1	GSH/enzyme-responsive 2-sulfonyl-1-methylimidazole prodrug for enhanced transdermal drug delivery and therapeutic efficacy against hyperthyroidis.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121600	6.5	0