

Fwu-Long Mi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1467651/fwu-long-mi-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.

130
papers

9,945
citations

54
h-index

98
g-index

134
ext. papers

10,945
ext. citations

8.7
avg, IF

6.22
L-index

#	Paper	IF	Citations
130	Modification of chitosan nanofibers with CuS and fucoidan for antibacterial and bone tissue engineering applications.. <i>Carbohydrate Polymers</i> , 2022 , 281, 119035	10.3	4
129	Electrospun CuS nanoparticles/chitosan nanofiber composites for visible and near-infrared light-driven catalytic degradation of antibiotic pollutants. <i>Chemical Engineering Journal</i> , 2022 , 431, 134059	14.7	3
128	Engineering an integrated electroactive dressing to accelerate wound healing and monitor noninvasively progress of healing. <i>Nano Energy</i> , 2022 , 99, 107393	17.1	6
127	Enhanced anticancer effect of ROS-boosted photothermal therapy by using fucoidan-coated polypyrrole nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 98-107	7.9	16
126	Active and intelligent gellan gum-based packaging films for controlling anthocyanins release and monitoring food freshness. <i>Carbohydrate Polymers</i> , 2021 , 254, 117410	10.3	43
125	Conductive Materials for Healing Wounds: Their Incorporation in Electroactive Wound Dressings, Characterization, and Perspectives. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001384	10.1	37
124	A smart and active film with tunable drug release and color change abilities for detection and inhibition of bacterial growth. <i>Materials Science and Engineering C</i> , 2021 , 118, 111396	8.3	9
123	A Noninvasive Gut-to-Brain Oral Drug Delivery System for Treating Brain Tumors. <i>Advanced Materials</i> , 2021 , 33, e2100701	24	9
122	Thrombus-specific theranostic nanocomposite for codelivery of thrombolytic drug, algae-derived anticoagulant and NIR fluorescent contrast agent. <i>Acta Biomaterialia</i> , 2021 , 134, 686-701	10.8	5
121	Synthesis and characterization of Gd-DTPA/fucoidan/peptide complex nanoparticle and in vitro magnetic resonance imaging of inflamed endothelial cells. <i>Materials Science and Engineering C</i> , 2020 , 114, 111064	8.3	17
120	A bubble bursting-mediated oral drug delivery system that enables concurrent delivery of lipophilic and hydrophilic chemotherapeutics for treating pancreatic tumors in rats. <i>Biomaterials</i> , 2020 , 255, 120157	15.6	9
119	Delivery of polysaccharides from <i>Ophiopogon japonicus</i> (OJPs) using OJPs/chitosan/whey protein co-assembled nanoparticles to treat defective intestinal epithelial tight junction barrier. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 558-570	7.9	12
118	Enhancement of the permeability and activities of epigallocatechin gallate by quaternary ammonium chitosan/fucoidan nanoparticles. <i>Carbohydrate Polymers</i> , 2020 , 242, 116312	10.3	38
117	Fucoidan-based, tumor-activated nanoplatform for overcoming hypoxia and enhancing photodynamic therapy and antitumor immunity. <i>Biomaterials</i> , 2020 , 257, 120227	15.6	51
116	Fucoidan from <i>Laminaria japonica</i> exerts antitumor effects on angiogenesis and micrometastasis in triple-negative breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 600-608	7.9	32
115	Characterization and toxicology evaluation of low molecular weight chitosan on zebrafish. <i>Carbohydrate Polymers</i> , 2020 , 240, 116164	10.3	3
114	Development of bacterial cellulose/chitin multi-nanoBers based smart films containing natural active microspheres and nanoparticles formed in situ. <i>Carbohydrate Polymers</i> , 2020 , 228, 115370	10.3	44

113	Engineering a Nanoscale Al-MOF-Armored Antigen Carried by a Trojan Horse-Like Platform for Oral Vaccination to Induce Potent and Long-Lasting Immunity. <i>Advanced Functional Materials</i> , 2019 , 29, 1904828	15.6	37
112	Single-injecting, bioinspired nanocomposite hydrogel that can recruit host immune cells in situ to elicit potent and long-lasting humoral immune responses. <i>Biomaterials</i> , 2019 , 216, 119268	15.6	29
111	Development of Injectable Fucoidan and Biological Macromolecules Hybrid Hydrogels for Intra-Articular Delivery of Platelet-Rich Plasma. <i>Marine Drugs</i> , 2019 , 17,	6	19
110	Development of genipin-crosslinked and fucoidan-adsorbed nano-hydroxyapatite/hydroxypropyl chitosan composite scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 973-984	7.9	55
109	A bioinspired hyperthermic macrophage-based polypyrrole-polyethylenimine (Ppy-PEI) nanocomplex carrier to prevent and disrupt thrombotic fibrin clots. <i>Acta Biomaterialia</i> , 2019 , 96, 468-479	10.8	17
108	Development of multifunctional nanoparticles self-assembled from trimethyl chitosan and fucoidan for enhanced oral delivery of insulin. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 141-150	7.9	74
107	A novel injectable in situ forming gel based on carboxymethyl hexanoyl chitosan/hyaluronic acid polymer blending for sustained release of berberine. <i>Carbohydrate Polymers</i> , 2019 , 206, 664-673	10.3	54
106	Strategies for improving diabetic therapy via alternative administration routes that involve stimuli-responsive insulin-delivering systems. <i>Advanced Drug Delivery Reviews</i> , 2019 , 139, 71-82	18.5	22
105	Multifunctional nanoparticles prepared from arginine-modified chitosan and thiolated fucoidan for oral delivery of hydrophobic and hydrophilic drugs. <i>Carbohydrate Polymers</i> , 2018 , 193, 163-172	10.3	71
104	Synthesis and evaluation of antibacterial and anti-oxidant activity of small molecular chitosan/fucoidan conjugate nanoparticles. <i>Research on Chemical Intermediates</i> , 2018 , 44, 4855-4871	2.8	10
103	Drug release and antioxidant/antibacterial activities of silymarin-zein nanoparticle/bacterial cellulose nanofiber composite films. <i>Carbohydrate Polymers</i> , 2018 , 180, 286-296	10.3	91
102	Oral Nonviral Gene Delivery for Chronic Protein Replacement Therapy. <i>Advanced Science</i> , 2018 , 5, 1701019	7.6	17
101	Antibacterial Effects of Chitosan/Cationic Peptide Nanoparticles. <i>Nanomaterials</i> , 2018 , 8,	5.4	51
100	Active Tumor-Targeted co-Delivery of Epigallocatechin Gallate and Doxorubicin in Nanoparticles for Combination Gastric Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2847-2859	5.5	12
99	Development of nanocomposite scaffolds based on biomineralization of N,O-carboxymethyl chitosan/fucoidan conjugates for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2335-2345	7.9	32
98	HO-Depleting and O-Generating Selenium Nanoparticles for Fluorescence Imaging and Photodynamic Treatment of Proinflammatory-Activated Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5158-5172	9.5	52
97	Development of a new type of multifunctional fucoidan-based nanoparticles for anticancer drug delivery. <i>Carbohydrate Polymers</i> , 2017 , 165, 410-420	10.3	94
96	Active gellan gum/purple sweet potato composite films capable of monitoring pH variations. <i>Food Hydrocolloids</i> , 2017 , 69, 491-502	10.6	96

95	Self-Targeting, Immune Transparent Plasma Protein Coated Nanocomplex for Noninvasive Photothermal Anticancer Therapy. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700181	10.1	29
94	Development of genipin-crosslinked fucoidan/chitosan-N-arginine nanogels for preventing <i>Helicobacter</i> infection. <i>Nanomedicine</i> , 2017 , 12, 1491-1510	5.6	30
93	Antroquinonol, a Ubiquinone Derivative from the Mushroom <i>Antrodia camphorata</i> , Inhibits Colon Cancer Stem Cell-like Properties: Insights into the Molecular Mechanism and Inhibitory Targets. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 51-59	5.7	36
92	Catalase-Modulated Heterogeneous Fenton Reaction for Selective Cancer Cell Eradication: SnFeO Nanocrystals as an Effective Reagent for Treating Lung Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1273-1279	9.5	50
91	Safety and efficacy of self-assembling bubble carriers stabilized with sodium dodecyl sulfate for oral delivery of therapeutic proteins. <i>Journal of Controlled Release</i> , 2017 , 259, 168-175	11.7	21
90	Temperature/pH/Enzyme Triple-Responsive Cationic Protein/PAA-b-PNIPAAm Nanogels for Controlled Anticancer Drug and Photosensitizer Delivery against Multidrug Resistant Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4648-4660	5.6	32
89	Preparation and properties of pH-responsive, self-assembled colloidal nanoparticles from guanidine-containing polypeptide and chitosan for antibiotic delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 494, 9-20	5.1	38
88	EGCG/gelatin-doxorubicin gold nanoparticles enhance therapeutic efficacy of doxorubicin for prostate cancer treatment. <i>Nanomedicine</i> , 2016 , 11, 9-30	5.6	50
87	CD44-specific nanoparticles for redox-triggered reactive oxygen species production and doxorubicin release. <i>Acta Biomaterialia</i> , 2016 , 35, 280-92	10.8	29
86	Self-assembling bubble carriers for oral protein delivery. <i>Biomaterials</i> , 2015 , 64, 115-24	15.6	23
85	Combination of carboxymethyl chitosan-coated magnetic nanoparticles and chitosan-citrate complex gel beads as a novel magnetic adsorbent. <i>Carbohydrate Polymers</i> , 2015 , 131, 255-63	10.3	67
84	Effect of tannic acid-fish scale gelatin hydrolysate hybrid nanoparticles on intestinal barrier function and α -amylase activity. <i>Food and Function</i> , 2015 , 6, 2283-92	6.1	16
83	Preparation of fucoidan-shelled and genipin-crosslinked chitosan beads for antibacterial application. <i>Carbohydrate Polymers</i> , 2015 , 126, 97-107	10.3	70
82	Free DOX and chitosan-N-arginine conjugate stabilized indocyanine green nanoparticles for combined chemophotothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 402-12	6	33
81	Effect of Grape Seed Proanthocyanidin-Gelatin Colloidal Complexes on Stability and in Vitro Digestion of Fish Oil Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10200-8	5.7	37
80	Tea catechins-cross-linked methylcellulose active films for inhibition of light irradiation and lipid peroxidation induced β -carotene degradation. <i>Food Hydrocolloids</i> , 2015 , 44, 491-505	10.6	49
79	Adsorption of copper(II) ions by a chitosan-oxalate complex biosorbent. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 136-44	7.9	62
78	Preparation of a silver nanoparticle-based dual-functional sensor using a complexation-reduction method. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 21243-53	3.6	32

77	Treatment of chemotherapy-induced neutropenia in a rat model by using multiple daily doses of oral administration of G-CSF-containing nanoparticles. <i>Biomaterials</i> , 2014 , 35, 3641-9	15.6	11
76	FRET-based dual-emission and pH-responsive nanocarriers for enhanced delivery of protein across intestinal epithelial cell barrier. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18275-89	9.5	31
75	Structure characterizations and protein resistance of chitosan membranes selectively crosslinked by poly(ethylene glycol) dimethacrylate. <i>Cellulose</i> , 2014 , 21, 1431-1444	5.5	2
74	Hydrogel microspheres for stabilization of an antioxidant enzyme: effect of emulsion cross-linking of a dual polysaccharide system on the protection of enzyme activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 113, 59-68	6	21
73	Delivery of berberine using chitosan/fucoidan-aurine conjugate nanoparticles for treatment of defective intestinal epithelial tight junction barrier. <i>Marine Drugs</i> , 2014 , 12, 5677-97	6	78
72	Preparation and characterization of porous chitosan-tripolyphosphate beads for copper(II) ion adsorption. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 4573-4580	2.9	46
71	Noninvasive imaging oral absorption of insulin delivered by nanoparticles and its stimulated glucose utilization in controlling postprandial hyperglycemia during OGTT in diabetic rats. <i>Journal of Controlled Release</i> , 2013 , 172, 513-22	11.7	44
70	Combination therapy via oral co-administration of insulin- and exendin-4-loaded nanoparticles to treat type 2 diabetic rats undergoing OGTT. <i>Biomaterials</i> , 2013 , 34, 7994-8001	15.6	42
69	Nanoparticle-induced tight-junction opening for the transport of an anti-angiogenic sulfated polysaccharide across Caco-2 cell monolayers. <i>Acta Biomaterialia</i> , 2013 , 9, 7449-59	10.8	56
68	Recent advances in chitosan-based nanoparticles for oral delivery of macromolecules. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 865-79	18.5	307
67	Active films from water-soluble chitosan/cellulose composites incorporating releasable caffeic acid for inhibition of lipid oxidation in fish oil emulsions. <i>Food Hydrocolloids</i> , 2013 , 32, 9-19	10.6	79
66	Characterization of tea catechins-loaded nanoparticles prepared from chitosan and an edible polypeptide. <i>Food Hydrocolloids</i> , 2013 , 30, 33-41	10.6	155
65	Mechanistic study of transfection of chitosan/DNA complexes coated by anionic poly(L-glutamic acid). <i>Biomaterials</i> , 2012 , 33, 3306-15	15.6	59
64	Elucidating the signaling mechanism of an epithelial tight-junction opening induced by chitosan. <i>Biomaterials</i> , 2012 , 33, 6254-63	15.6	62
63	Stimuli-responsive materials prepared from carboxymethyl chitosan and poly(L-glutamic acid) for protein delivery. <i>Carbohydrate Polymers</i> , 2012 , 87, 531-536	10.3	27
62	Tripolyphosphate cross-linked macromolecular composites for the growth of shape- and size-controlled apatites. <i>Molecules</i> , 2012 , 18, 27-40	4.8	19
61	Chitosan: Its Applications in Drug-Eluting Devices. <i>Advances in Polymer Science</i> , 2011 , 185-230	1.3	24
60	Self-organized nanoparticles prepared by guanidine- and disulfide-modified chitosan as a gene delivery carrier. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16918		33

59	Preparation and characterization of radical and pH-responsive chitosan/gallic acid conjugate drug carriers. <i>Carbohydrate Polymers</i> , 2011 , 84, 794-802	10.3	64
58	Thiol-modified chitosan sulfate nanoparticles for protection and release of basic fibroblast growth factor. <i>Bioconjugate Chemistry</i> , 2010 , 21, 28-38	6.3	33
57	Novel technology for the preparation of self-assembled catechin/gelatin nanoparticles and their characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6728-34	5.7	85
56	Heparinized chitosan/poly(γ -glutamic acid) nanoparticles for multi-functional delivery of fibroblast growth factor and heparin. <i>Biomaterials</i> , 2010 , 31, 9320-32	15.6	114
55	The characteristics, cellular uptake and intracellular trafficking of nanoparticles made of hydrophobically-modified chitosan. <i>Journal of Controlled Release</i> , 2010 , 146, 152-9	11.7	180
54	Self-Assembled pH-Sensitive Nanoparticles: A Platform for Oral Delivery of Protein Drugs. <i>Advanced Functional Materials</i> , 2010 , 20, 3695-3700	15.6	89
53	Heparin-functionalized chitosan-alginate scaffolds for controlled release of growth factor. <i>International Journal of Pharmaceutics</i> , 2009 , 376, 69-75	6.5	140
52	Synthesis of zero-valent copper-chitosan nanocomposites and their application for treatment of hexavalent chromium. <i>Bioresource Technology</i> , 2009 , 100, 4348-53	11	66
51	Rapidly in situ forming hydrophobically-modified chitosan hydrogels via pH-responsive nanostructure transformation. <i>Soft Matter</i> , 2009 , 5, 962	3.6	30
50	Multi-ion-crosslinked nanoparticles with pH-responsive characteristics for oral delivery of protein drugs. <i>Journal of Controlled Release</i> , 2008 , 132, 141-9	11.7	150
49	Oral delivery of peptide drugs using nanoparticles self-assembled by poly(γ -glutamic acid) and a chitosan derivative functionalized by trimethylation. <i>Bioconjugate Chemistry</i> , 2008 , 19, 1248-55	6.3	122
48	The use of biodegradable polymeric nanoparticles in combination with a low-pressure gene gun for transdermal DNA delivery. <i>Biomaterials</i> , 2008 , 29, 742-51	15.6	87
47	Polysaccharide-based artificial extracellular matrix: Preparation and characterization of three-dimensional, macroporous chitosan, and heparin composite scaffold. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 3639-3644	2.9	12
46	Rapidly self-expandable polymeric stents with a shape-memory property. <i>Biomacromolecules</i> , 2007 , 8, 2774-80	6.9	124
45	Preparation and characterization of nanoparticles shelled with chitosan for oral insulin delivery. <i>Biomacromolecules</i> , 2007 , 8, 146-52	6.9	291
44	Aglycone geniposidic acid, a naturally occurring crosslinking agent, and its application for the fixation of collagenous tissues. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 83, 667-73	5.4	2
43	Synthesis of a novel glycoconjugated chitosan and preparation of its derived nanoparticles for targeting HepG2 cells. <i>Biomacromolecules</i> , 2007 , 8, 892-8	6.9	50
42	Polysaccharide-based artificial extracellular matrix: Preparation and characterization of three-dimensional, macroporous chitosan and chondroitin sulfate composite scaffolds. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 2091-2100	2.9	15

41	Fabrication of chondroitin sulfate-chitosan composite artificial extracellular matrix for stabilization of fibroblast growth factor. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 76, 1-15	5.4	40
40	Physicochemical, antimicrobial, and cytotoxic characteristics of a chitosan film cross-linked by a naturally occurring cross-linking agent, aglycone geniposidic acid. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3290-6	5.7	51
39	Novel living cell sheet harvest system composed of thermoreversible methylcellulose hydrogels. <i>Biomacromolecules</i> , 2006 , 7, 736-43	6.9	103
38	Cure kinetics of a cyanate ester blended with poly(phenylene oxide). <i>Polymer International</i> , 2006 , 55, 1296-1303	3.3	16
37	Synthesis and characterization of a novel glycoconjugated macromolecule. <i>Polymer</i> , 2006 , 47, 4348-4358	3.9	14
36	Miscibility, mechanical characteristic and platelet adhesion of 6-O-carboxymethylchitosan/polyurethane semi-IPN membranes. <i>Journal of Membrane Science</i> , 2006 , 276, 68-80	9.6	41
35	pH-sensitive behavior of two-component hydrogels composed of N,O-carboxymethyl chitosan and alginate. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005 , 16, 1333-45	3.5	33
34	Synthesis and characterization of a novel chitosan-gelatin bioconjugate with fluorescence emission. <i>Biomacromolecules</i> , 2005 , 6, 975-87	6.9	128
33	Preparation and characterization of N-acetylchitosan, N-propionylchitosan and N-butyrylchitosan microspheres for controlled release of 6-mercaptopurine. <i>Carbohydrate Polymers</i> , 2005 , 60, 219-227	10.3	22
32	Antibacterial activity of chitosan/alginate sponges incorporating silver sulfadiazine: Effect of ladder-loop transition of interpolyelectrolyte complex and ionic crosslinking on the antibiotic release. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 538-549	2.9	54
31	Characterization of ring-opening polymerization of genipin and pH-dependent cross-linking reactions between chitosan and genipin. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1985-2000	2.5	194
30	A novel pH-sensitive hydrogel composed of N,O-carboxymethyl chitosan and alginate cross-linked by genipin for protein drug delivery. <i>Journal of Controlled Release</i> , 2004 , 96, 285-300	11.7	723
29	Enzymatic grafting of carboxyl groups on to chitosan--to confer on chitosan the property of a cationic dye adsorbent. <i>Bioresource Technology</i> , 2004 , 91, 157-62	11	123
28	Preparation and characterization on mechanical and antibacterial properties of chitsoan/cellulose blends. <i>Carbohydrate Polymers</i> , 2004 , 57, 435-440	10.3	214
27	Chitin/PLGA blend microspheres as a biodegradable drug delivery system: a new delivery system for protein. <i>Biomaterials</i> , 2003 , 24, 5023-36	15.6	115
26	Synthesis and characterization of biodegradable TPP/genipin co-crosslinked chitosan gel beads. <i>Polymer</i> , 2003 , 44, 6521-6530	3.9	205
25	Asymmetric chitosan membranes prepared by dry/wet phase separation: a new type of wound dressing for controlled antibacterial release. <i>Journal of Membrane Science</i> , 2003 , 212, 237-254	9.6	143
24	Control of wound infections using a bilayer chitosan wound dressing with sustainable antibiotic delivery. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 59, 438-49		239

23	Adsorption of indomethacin onto chemically modified chitosan beads. <i>Polymer</i> , 2002 , 43, 757-765	3.9	67
22	In vivo biocompatibility and degradability of a novel injectable-chitosan-based implant. <i>Biomaterials</i> , 2002 , 23, 181-91	15.6	454
21	Chitin/PLGA blend microspheres as a biodegradable drug-delivery system: phase-separation, degradation and release behavior. <i>Biomaterials</i> , 2002 , 23, 3257-67	15.6	104
20	Drug release from chitosan- β -glucan complex beads reinforced by a naturally occurring cross-linking agent. <i>Carbohydrate Polymers</i> , 2002 , 48, 61-72	10.3	253
19	Fabrication and characterization of a sponge-like asymmetric chitosan membrane as a wound dressing. <i>Biomaterials</i> , 2001 , 22, 165-73	15.6	573
18	Release of indomethacin from a novel chitosan microsphere prepared by a naturally occurring crosslinker: Examination of crosslinking and polycation- β -anionic drug interaction. <i>Journal of Applied Polymer Science</i> , 2001 , 81, 1700-1711	2.9	76
17	Equilibrium and kinetic studies of copper(II) ion uptake by chitosan-tripolyphosphate chelating resin. <i>Polymer</i> , 2001 , 42, 1879-1892	3.9	237
16	In vitro evaluation of a chitosan membrane cross-linked with genipin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001 , 12, 835-50	3.5	152
15	Synthesis and characterization of a novel chitosan-based network prepared using naturally occurring crosslinker. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 2804-2814	2.5	184
14	The study of gelation kinetics and chain-relaxation properties of glutaraldehyde-cross-linked chitosan gel and their effects on microspheres preparation and drug release. <i>Carbohydrate Polymers</i> , 2000 , 41, 389-396	10.3	138
13	Synthesis and characterization of a novel chitosan-based network prepared using naturally occurring crosslinker 2000 , 38, 2804		2
12	Synthesis and characterization of a novel chitosan-based network prepared using naturally occurring crosslinker 2000 , 38, 2804		5
11	Porous chitosan microsphere for controlling the antigen release of Newcastle disease vaccine: preparation of antigen-adsorbed microsphere and in vitro release. <i>Biomaterials</i> , 1999 , 20, 1603-12	15.6	129
10	Chitosan microspheres: modification of polymeric chem-physical properties of spray-dried microspheres to control the release of antibiotic drug. <i>Journal of Applied Polymer Science</i> , 1999 , 71, 747-759	2.9	40
9	Chitosan-polyelectrolyte complexation for the preparation of gel beads and controlled release of anticancer drug. I. Effect of phosphorous polyelectrolyte complex and enzymatic hydrolysis of polymer 1999 , 74, 1868-1879		89
8	Kinetic study of chitosan-tripolyphosphate complex reaction and acid-resistive properties of the chitosan-tripolyphosphate gel beads prepared by in-liquid curing method. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 1551-1564	2.6	164
7	Chitosan-polyelectrolyte complexation for the preparation of gel beads and controlled release of anticancer drug. II. Effect of pH-dependent ionic crosslinking or interpolymer complex using tripolyphosphate or polyphosphate as reagent. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 1093-1107	2.9	101
6	Chitosan microspheres: modification of polymeric chem-physical properties of spray-dried microspheres to control the release of antibiotic drug 1999 , 71, 747		1

- | | | |
|---|--|---------|
| 5 | Kinetic study of chitosan-tripolyphosphate complex reaction and acid-resistive properties of the chitosan-tripolyphosphate gel beads prepared by in-liquid curing method 1999 , 37, 1551 | 1 |
| 4 | Kinetic study of chitosan-tripolyphosphate complex reaction and acid-resistive properties of the chitosan-tripolyphosphate gel beads prepared by in-liquid curing method 1999 , 37, 1551 | 2 |
| 3 | Sustained-release of oxytetracycline from chitosan microspheres prepared by interfacial acylation and spray hardening methods. <i>Journal of Microencapsulation</i> , 1997 , 14, 577-91 | 3-4 19 |
| 2 | Iron(III)-carboxymethylchitin microsphere for the pH-sensitive release of 6-mercaptopurine. <i>Journal of Controlled Release</i> , 1997 , 44, 19-32 | 11.7 39 |
| 1 | Chitosan tablets for controlled release of theophylline: Effect of polymer drug wet or dry blending and anionic-cationic interpolymer complex. <i>Journal of Applied Polymer Science</i> , 1997 , 66, 2495-2505 | 2.9 32 |