

Ya Liu

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.

40
papers

1,239
citations

20
h-index

35
g-index

41
ext. papers

1,615
ext. citations

9.8
avg, IF

4.87
L-index

#	Paper	IF	Citations
40	Hydroxybutyl chitosan/ oxidized glucomannan self-healing hydrogels as BMSCs-derived exosomes carriers for advanced stretchable wounds. <i>Applied Materials Today</i> , 2022 , 26, 101342	6.6	3
39	Exploiting autophagy-regulative nanomaterials for activation of dendritic cells enables reinforced cancer immunotherapy.. <i>Biomaterials</i> , 2022 , 282, 121434	15.6	3
38	Bridging micro/nano-platform and airway allergy intervention. <i>Journal of Controlled Release</i> , 2021 , 341, 364-382	11.7	2
37	Collagen-based biocomposites inspired by bone hierarchical structures for advanced bone regeneration: ongoing research and perspectives. <i>Biomaterials Science</i> , 2021 ,	7.4	5
36	Hypoxia-modulatory nanomaterials to relieve tumor hypoxic microenvironment and enhance immunotherapy: Where do we stand?. <i>Acta Biomaterialia</i> , 2021 , 125, 1-28	10.8	9
35	Mussel-inspired adhesive and polypeptide-based antibacterial thermo-sensitive hydroxybutyl chitosan hydrogel as BMSCs 3D culture matrix for wound healing. <i>Carbohydrate Polymers</i> , 2021 , 261, 117878	10.3	16
34	Peptide-based assemblies as immune checkpoint inhibitor delivery systems for enhanced immunotherapy. <i>Applied Materials Today</i> , 2021 , 23, 101063	6.6	
33	Chitosan-centered nanosystems as sustained therapeutics for allergic rhinitis intervention: Inhibition of histamine-induced cascades. <i>Journal of Controlled Release</i> , 2021 , 335, 422-436	11.7	3
32	Chitosan-based self-assembled nanomaterials: Their application in drug delivery. <i>View</i> , 2021 , 2, 20200069.8	9.8	10
31	Nanosystems as curative platforms for allergic disorder management. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 1729-1744	7.3	4
30	Recent trends on burn wound care: hydrogel dressings and scaffolds. <i>Biomaterials Science</i> , 2021 , 9, 4523-4540	7.4	16
29	Applications of chitosan-based biomaterials: a focus on dependent antimicrobial properties. <i>Marine Life Science and Technology</i> , 2020 , 2, 398-413	4.5	17
28	Advances and applications of chitosan-based nanomaterials as oral delivery carriers: A review. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 433-445	7.9	68
27	Hydroxybutyl Chitosan Centered Biocomposites for Potential Curative Applications: A Critical Review. <i>Biomacromolecules</i> , 2020 , 21, 1351-1367	6.9	18
26	Temperature responsive self-assembled hydroxybutyl chitosan nanohydrogel based on homogeneous reaction for smart window. <i>Carbohydrate Polymers</i> , 2020 , 229, 115557	10.3	18
25	Nanomaterials as Smart Immunomodulator Delivery System for Enhanced Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 4774-4798	5.5	12
24	Research status of self-healing hydrogel for wound management: A review. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 2108-2123	7.9	44

23	The relationship between autophagy and the immune system and its applications for tumor immunotherapy. <i>Molecular Cancer</i> , 2019 , 18, 17	42.1	129
22	Nasal adaptive chitosan-based nano-vehicles for anti-allergic drug delivery. <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 1182-1192	7.9	14
21	Gastric environment-stable oral nanocarriers for in situ colorectal cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 1035-1045	7.9	10
20	pH-Activated nanoparticles with targeting for the treatment of oral plaque biofilm. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 586-592	7.3	21
19	Inducing sustained release and improving oral bioavailability of curcumin via chitosan derivatives-coated liposomes. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 702-710	7.9	35
18	The green and stable dissolving system based on KOH/urea for homogeneous chemical modification of chitosan. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 1103-1110	7.9	18
17	The influence of solvent formulations on thermosensitive hydroxybutyl chitosan hydrogel as a potential delivery matrix for cell therapy. <i>Carbohydrate Polymers</i> , 2017 , 170, 80-88	10.3	29
16	Preparation and characterization of mucosal adhesive and two-step drug releasing cetirizine-chitosan nanoparticle. <i>Carbohydrate Polymers</i> , 2017 , 173, 600-609	10.3	19
15	Nanoparticles/thermosensitive hydrogel reinforced with chitin whiskers as a wound dressing for treating chronic wounds. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3172-3185	7.3	55
14	Thermo-responsive hydroxybutyl chitosan hydrogel as artery intervention embolic agent for hemorrhage control. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 566-574	7.9	15
13	An "On-Site Transformation" Strategy for Treatment of Bacterial Infection. <i>Advanced Materials</i> , 2017 , 29, 1703461	24	102
12	Mechanism of surface charge triggered intestinal epithelial tight junction opening upon chitosan nanoparticles for insulin oral delivery. <i>Carbohydrate Polymers</i> , 2017 , 157, 596-602	10.3	68
11	A thermosensitive hydroxybutyl chitosan hydrogel as a potential co-delivery matrix for drugs on keloid inhibition. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 3936-3944	7.3	34
10	Biomaterials based on N,N,N-trimethyl chitosan fibers in wound dressing applications. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 471-6	7.9	56
9	Surface fluid-swelling chitosan fiber as the wound dressing material. <i>Carbohydrate Polymers</i> , 2016 , 136, 860-6	10.3	32
8	Positive/negative surface charge of chitosan based nanogels and its potential influence on oral insulin delivery. <i>Carbohydrate Polymers</i> , 2016 , 136, 867-74	10.3	64
7	Nano-polyplex based on oleoyl-carboxymethyl-chitosan (OCMCS) and hyaluronic acid for oral gene vaccine delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 492-501	6	32
6	Influence of the graft density of hydrophobic groups on thermo-responsive nanoparticles for anti-cancer drugs delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 147-156	6	23

5	Surface charge effect on mucoadhesion of chitosan based nanogels for local anti-colorectal cancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 128, 439-447	6	77
4	Enhanced transdermal lymphatic drug delivery of hyaluronic acid modified transfersomes for tumor metastasis therapy. <i>Chemical Communications</i> , 2015 , 51, 1453-6	5.8	36
3	Hydroxybutyl chitosan thermo-sensitive hydrogel: a potential drug delivery system. <i>Journal of Materials Science</i> , 2013 , 48, 5614-5623	4.3	76
2	Self-assembled nanoparticles based on amphiphilic chitosan derivative and hyaluronic acid for gene delivery. <i>Carbohydrate Polymers</i> , 2013 , 94, 309-16	10.3	25
1	In vitro evaluation of mucoadhesion and permeation enhancement of polymeric amphiphilic nanoparticles. <i>Carbohydrate Polymers</i> , 2012 , 89, 453-60	10.3	21