Lin-yu Long

List of Publications by Year
in descending order

19	1,270	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	954
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellulose Aerogels: Synthesis, Applications, and Prospects. Polymers, 2018, 10, 623.	4.5	311
2	Inflammation-Responsive Drug-Loaded Hydrogels with Sequential Hemostasis, Antibacterial, and Anti-Inflammatory Behavior for Chronically Infected Diabetic Wound Treatment. ACS Applied Materials & Interfaces, 2021, 13, 33584-33599.	8.0	175
3	Dual-crosslinked mussel-inspired smart hydrogels with enhanced antibacterial and angiogenic properties for chronic infected diabetic wound treatment via pH-responsive quick cargo release. Chemical Engineering Journal, 2021, 411, 128564.	12.7	168
4	Dual-responsive injectable hydrogels encapsulating drug-loaded micelles for on-demand antimicrobial activity and accelerated wound healing. Journal of Controlled Release, 2020, 324, 204-217.	9.9	145
5	A spatiotemporal release platform based on pH/ROS stimuli-responsive hydrogel in wound repairing. Journal of Controlled Release, 2022, 341, 147-165.	9.9	111
6	Construction of multifunctional wound dressings with their application in chronic wound treatment. Biomaterials Science, 2022, 10, 4058-4076.	5.4	49
7	Intrinsic Antibacterial and Conductive Hydrogels Based on the Distinct Bactericidal Effect of Polyaniline for Infected Chronic Wound Healing. ACS Applied Materials & Interfaces, 2021, 13, 52308-52320.	8.0	41
8	Microneedle-mediated vascular endothelial growth factor delivery promotes angiogenesis and functional recovery after stroke. Journal of Controlled Release, 2021, 338, 610-622.	9.9	40
9	Injectable multifunctional hyaluronic acid/methylcellulose hydrogels for chronic wounds repairing. Carbohydrate Polymers, 2022, 289, 119456.	10.2	40
10	Injectable conductive and angiogenic hydrogels for chronic diabetic wound treatment. Journal of Controlled Release, 2022, 344, 249-260.	9.9	31
11	Dissolving microneedle-encapsulated drug-loaded nanoparticles and recombinant humanized collagen type III for the treatment of chronic wound via anti-inflammation and enhanced cell proliferation and angiogenesis. Nanoscale, 2022, 14, 1285-1295.	5.6	29
12	Microenvironment-responsive multifunctional hydrogels with spatiotemporal sequential release of tailored recombinant human collagen type III for the rapid repair of infected chronic diabetic wounds. Journal of Materials Chemistry B, 2021, 9, 9684-9699.	5.8	26
13	Transdermal delivery of peptide and protein drugs: Strategies, advantages and disadvantages. Journal of Drug Delivery Science and Technology, 2020, 60, 102007.	3.0	23
14	Dual-function hydrogels with sequential release of GSK3Î² inhibitor and VEGF inhibit inflammation and promote angiogenesis after stroke. Chemical Engineering Journal, 2022, 433, 133671.	12.7	20
15	Effects of Sodium Montmorillonite on the Preparation and Properties of Cellulose Aerogels. Polymers, 2019, 11, 415.	4.5	19
16	Fabrication and Application of Carboxymethyl Cellulose-Carbon Nanotube Aerogels. Materials, 2019, 12, 1867.	2.9	11
17	A Review on the Contemporary Development of Composite Materials Comprising Graphene/Graphene Derivatives. Advances in Materials Science and Engineering, 2020, 2020, 1-16.	1.8	11
18	Microfibrillated cellulose-enhanced carboxymethyl chitosan/oxidized starch sponge for chronic diabetic wound repair. Materials Science and Engineering C, 2022, 135, 112669.	7.3	11

#	Article	IF	Citations
19	Biodegradable synthetic polymeric composite scaffoldâ€based tissue engineered heart valve with minimally invasive transcatheter implantation. Polymers for Advanced Technologies, 2020, 31, 2422-2432.	3.2	9