

Recent advances in chitin based materials constructed v

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Citation Report

#	ARTICLE	IF	CITATIONS
1	On-Demand Dissolvable Self-Healing Hydrogel Based on Carboxymethyl Chitosan and Cellulose Nanocrystal for Deep Partial Thickness Burn Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41076-41088.	4.0	351
2	Preparation Method of Porous Dressing Materials Based on Butyric-Acetic Chitin Co-Polyesters. <i>Materials</i> , 2018, 11, 2359.	1.3	9
3	Triple-Helix Conformation of a Polysaccharide Determined with Light Scattering, AFM, and Molecular Dynamics Simulation. <i>Macromolecules</i> , 2018, 51, 10150-10159.	2.2	48
4	Size-controllable ultrafine palladium nanoparticles immobilized on calcined chitin microspheres as efficient and recyclable catalysts for hydrogenation. <i>Nanoscale</i> , 2018, 10, 14719-14725.	2.8	42
5	Chitin Nanofibrils to Stabilize Long-Life Pickering Foams and Their Application for Lightweight Porous Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10552-10561.	3.2	61
6	The construction of porous chitosan microspheres with high specific surface area by using agarose as the pore-forming agent and further functionalized application in bioseparation. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5510-5519.	2.9	22
7	Self-healable and pH-sensitive high-strength water-soluble chitosan/chemically cross-linked polyvinyl alcohol semi-IPN hydrogel. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 667-672.	3.6	24
8	Hierarchical microspheres with macropores fabricated from chitin as 3D cell culture. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5190-5198.	2.9	22
9	Self-assembly of chitosan and cellulose chains into a 3D porous polysaccharide alloy films: Co-dissolving, structure and biological properties. <i>Applied Surface Science</i> , 2019, 493, 1032-1041.	3.1	14
10	Natural rubber bio-nanocomposites reinforced with self-assembled chitin nanofibers from aqueous KOH/urea solution. <i>Carbohydrate Polymers</i> , 2019, 225, 115230.	5.1	33
11	Study on harmonic characteristics and optimization of multi-stage magnetic valve controllable reactor. <i>Journal of Physics: Conference Series</i> , 2019, 1311, 012015.	0.3	1
12	Customizable Multidimensional Self-Wrinkling Structure Constructed via Modulus Gradient in Chitosan Hydrogels. <i>Chemistry of Materials</i> , 2019, 31, 10032-10039.	3.2	55
13	Polymer Science and Engineering Using Deep Eutectic Solvents. <i>Polymers</i> , 2019, 11, 912.	2.0	86
14	β -Chitin nanofiber hydrogel as a scaffold to in situ fabricate monodispersed ultra-small silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 574, 36-43.	2.3	27
15	Preparation of the Catalytic Chitin/Zn Composite by Combined Ionic Liquid-Inorganic Salt Aqueous Solution from Shrimp Shells. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	6
16	Preparation and properties of nanocomposites composed of a water-soluble nylon and chitin nanofibers. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	3
17	Catalytic Conversion of Chitosan to Glucosaminic Acid by Tandem Hydrolysis and Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	8
18	2D ultrathin carbon nanosheets with rich N/O content constructed by stripping bulk chitin for high-performance sodium ion batteries. <i>Nanoscale</i> , 2019, 11, 12626-12636.	2.8	53

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19	Recent developments in the synthesis of poly(hydroxybutyrate) based biocomposites. <i>Biotechnology Progress</i> , 2019, 35, e2855.	1.3	20
20	Choline chloride-zinc chloride deep eutectic solvent mediated preparation of partial O-acetylation of chitin nanocrystal in one step reaction. <i>Carbohydrate Polymers</i> , 2019, 220, 211-218.	5.1	46
21	Controllable Wrinkling Patterns on Chitosan Microspheres Generated from Self-Assembling Metal Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22824-22833.	4.0	20
22	Polypyrrole-decorated, milled carbon fibers-inserted chitin nanofibers/multiwalled carbon nanotubes flexible free-standing film for supercapacitors. <i>Polymer Composites</i> , 2019, 40, 4311-4320.	2.3	8
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24	Self-Assembled Networks of Short and Long Chitin Nanoparticles for Oil/Water Interfacial Superstabilization. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6497-6511.	3.2	97
25	Cellulose/Chitosan Composite Multifilament Fibers with Two-Switch Shape Memory Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6981-6990.	3.2	62
26	Antibacterial Porous Microcarriers with a Pathological State Responsive Switch for Wound Healing. <i>ACS Applied Bio Materials</i> , 2019, 2, 2155-2161.	2.3	14
27	Biopolymer-Based Materials from Polysaccharides: Properties, Processing, Characterization and Sorption Applications. , 0, , .		27
28	Ultrahigh Tough, Super Clear, and Highly Anisotropic Nanofiber-Structured Regenerated Cellulose Films. <i>ACS Nano</i> , 2019, 13, 4843-4853.	7.3	174
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81	3D Chitin Scaffolds of Marine Demosponge Origin for Biomimetic Mollusk Hemolymph-Associated Biomineralization Ex-Vivo. <i>Marine Drugs</i> , 2020, 18, 123.	2.2	36
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140	A novel dual crosslinked polysaccharide hydrogel with self-healing and stretchable properties. <i>Polymer Chemistry</i> , 2021, 12, 6134-6144.	1.9	11
141	Recent advances in materials for hemostatic management. <i>Biomaterials Science</i> , 2021, 9, 7343-7378.	2.6	40
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