Yuanfa Liu

List of Publications by Year in Descending Order

19 papers	171 citations	7 h-index	12 g-index
21 ext. papers	273 ext. citations	5.5 avg, IF	3.14 L-index

#	Paper	IF	Citations
19	Preparation and characterization of multi-network hydrogels based on sodium alginate/krill protein/polyacrylamide-Strength, shape memory, conductivity and biocompatibility.. *International Journal of Biological Macromolecules*, **2022**, 207, 140-151	7.9	2
18	Preparation of Electrospun Polyvinyl Alcohol/Nanocellulose Composite Film and Evaluation of Its Biomedical Performance. *Gels*, **2021**, 7,	4.2	1
17	A sodium alginate/feather keratin composite fiber with skin-core structure as the carrier for sustained drug release. *International Journal of Biological Macromolecules*, **2020**, 155, 386-392	7.9	14
16	Sodium alginate-polyethylene glycol diacrylate based double network fiber: Rheological properties of fiber forming solution with semi-interpenetrating network structure. *International Journal of Biological Macromolecules*, **2020**, 142, 535-544	7.9	6
15	PAN/PVDF chelating membrane for simultaneous removal of heavy metal and organic pollutants from mimic industrial wastewater. *Separation and Purification Technology*, **2020**, 235, 116185	8.3	24
14	A Comparative Study on Properties of Cellulose/Antarctic Krill Protein Composite Fiber by Centrifugal Spinning and Wet Spinning. *Fibers and Polymers*, **2019**, 20, 1547-1554	2	5
13	Preparation of calcium alginate/polyethylene glycol acrylate double network fiber with excellent properties by dynamic molding method. *Carbohydrate Polymers*, **2019**, 226, 115277	10.3	6
12	Preparation, characterizations and properties of sodium alginate grafted acrylonitrile/polyethylene glycol electrospun nanofibers. *International Journal of Biological Macromolecules*, **2019**, 137, 420-425	7.9	16
11	Sodium alginate/feather keratin-g-allyloxy polyethylene glycol composite phase change fiber. *International Journal of Biological Macromolecules*, **2019**, 131, 192-200	7.9	7
10	Improvement in mechanical and hygroscopic properties of modified SA fiber crosslinking with PEGDE. *Journal of Applied Polymer Science*, **2019**, 136, 47155	2.9	5
9	Effects of sodium salt types on the intermolecular interaction of sodium alginate/antarctic krill protein composite fibers. *Carbohydrate Polymers*, **2018**, 189, 72-78	10.3	32
8	Green planting silver nanoparticles on Populus fibers and the catalytic application. *Research on Chemical Intermediates*, **2018**, 44, 5669-5681	2.8	2
7	Synthesis and thermal properties of poly(acrylonitrile-co-allyl glycidyl ether)-graft-methoxypoly(ethylene glycol) copolymers as novel solid□olid phase-change materials for thermal energy storage. *Journal of Applied Polymer Science*, **2018**, 135, 46641	2.9	4
6	Preparation, Characterization and Properties of High-salt-tolerance Sodium Alginate/Krill Protein Composite Fibers. *Fibers and Polymers*, **2018**, 19, 1074-1083	2	3
5	Green preparation of hollow mesoporous silica nanosphere inside-loaded gold nanoparticles and the catalytic activity. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2017**, 54, 376-381	2.2	10
4	A Novel Solid-Solid Phase Change Material Based on Poly(styrene-co-acrylonitrile) Grafting With Palmitic Acid Copolymers. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2015**, 52, 617-624	2.2	22
3	Synthesis and characterization of graft copolymer of polyacrylonitrile-g-polyethylene glycol-maleic acid monoester macromonomer. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	8

2	Rheological, thermal, and mechanical properties of P (3HB-co-4HB) and P (3HB-co-4HB)/EVA blends. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	2
1	Improved Properties of Cellulose/Antarctic Krill Protein Composite Fibers with a Multiple Cross-Linking Network. *Advanced Fiber Materials*,1	10.9	2