

# Junli Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

910  
citations

586496

16  
h-index

591227

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1455  
citing authors

#	ARTICLE	IF	CITATIONS
1	AgNPs-incorporated nanofiber mats: Relationship between AgNPs size/content, silver release, cytotoxicity, and antibacterial activity. <i>Materials Science and Engineering C</i> , 2021, 118, 111331.	3.8	48
2	An antimicrobial peptide-immobilized nanofiber mat with superior performances than the commercial silver-containing dressing. <i>Materials Science and Engineering C</i> , 2021, 119, 111608.	3.8	15
3	Hyaluronic acid nanofibers crosslinked with a nontoxic reagent. <i>Carbohydrate Polymers</i> , 2021, 259, 117757.	5.1	15
4	Crosslinked carboxymethyl starch nanofiber mats: Preparation, water resistance and exudates control ability. <i>European Polymer Journal</i> , 2021, 154, 110568.	2.6	5
5	Self-Standing and Flexible Thermoelectric Nanofiber Mat of an n-Type Conjugated Polymer. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3641-3647.	2.0	10
6	Hyaluronic acid nanofiber mats loaded with antimicrobial peptide towards wound dressing applications. <i>Materials Science and Engineering C</i> , 2021, 128, 112319.	3.8	35
7	Effects of preparation parameters on the properties of the crosslinked pectin nanofiber mats. <i>Carbohydrate Polymers</i> , 2021, 269, 118314.	5.1	5
8	Crosslinked starch nanofibers with high mechanical strength and excellent water resistance for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025007.	1.7	17
9	Cellulose nanofibers electrospun from aqueous conditions. <i>Cellulose</i> , 2020, 27, 8695-8708.	2.4	6
10	Ultraflexible, Degradable Organic Synaptic Transistors Based on Natural Polysaccharides for Neuromorphic Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2006271.	7.8	45
11	Designed Polymer Donors to Match an Amorphous Polymer Acceptor in All-Polymer Solar Cells. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2274-2281.	2.0	11
12	Gelatin-crosslinked pectin nanofiber mats allowing cell infiltration. <i>Materials Science and Engineering C</i> , 2020, 112, 110941.	3.8	23
13	Poly lactide nanofibers delivering doxycycline for chronic wound treatment. <i>Materials Science and Engineering C</i> , 2019, 104, 109745.	3.8	75
14	Fabrication and Characterization of Pectin Hydrogel Nanofiber Scaffolds for Differentiation of Mesenchymal Stem Cells into Vascular Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6511-6519.	2.6	51
15	Cesium-functionalized pectin as a cathode interlayer for polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1592-1596.	2.7	10
16	Transient Electronics: Biodegradable Natural Pectin-Based Flexible Multilevel Resistive Switching Memory for Transient Electronics ( <i>Small</i> 4/2019). <i>Small</i> , 2019, 15, 1970025.	5.2	4
17	A crosslinking strategy to make neutral polysaccharide nanofibers robust and biocompatible: With konjac glucomannan as an example. <i>Carbohydrate Polymers</i> , 2019, 215, 130-136.	5.1	31
18	Biodegradable Natural Pectin-Based Flexible Multilevel Resistive Switching Memory for Transient Electronics. <i>Small</i> , 2019, 15, e1803970.	5.2	109

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19	Amino <i>N</i> -oxide functionalized graphene quantum dots as a cathode interlayer for inverted polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5684-5689.	2.7	11
20	Cross-Linked Pectin Nanofibers with Enhanced Cell Adhesion. <i>Biomacromolecules</i> , 2018, 19, 490-498.	2.6	58
21	Edge-functionalized graphene quantum dots as a thickness-insensitive cathode interlayer for polymer solar cells. <i>Nano Research</i> , 2018, 11, 4293-4301.	5.8	22
22	Crosslinked pectin nanofibers with well-dispersed Ag nanoparticles: Preparation and characterization. <i>Carbohydrate Polymers</i> , 2018, 199, 68-74.	5.1	33
23	Pectinate nanofiber mat with high absorbency and antibacterial activity: A potential superior wound dressing to alginate and chitosan nanofiber mats. <i>Carbohydrate Polymers</i> , 2017, 174, 591-600.	5.1	59
24	Effects of pectin structure and crosslinking method on the properties of crosslinked pectin nanofibers. <i>Carbohydrate Polymers</i> , 2017, 157, 766-774.	5.1	83
25	Rationally designed particle preloading method to improve protein delivery performance of electrospun polyester nanofibers. <i>International Journal of Pharmaceutics</i> , 2016, 512, 204-212.	2.6	14
26	Reducing the content of carrier polymer in pectin nanofibers by electrospinning at low loading followed with selective washing. <i>Materials Science and Engineering C</i> , 2016, 59, 885-893.	3.8	47
27	Chitosan-based nanoparticles as a sustained protein release carrier for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 939-947.	2.1	68