

Yali Ji

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

421
citations

759233

12
h-index

752698

20
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26
all docs

26
docs citations

26
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning and characterization of chitin nanofibril/polycaprolactone nanocomposite fiber mats. <i>Carbohydrate Polymers</i> , 2014, 101, 68-74.	10.2	64
2	Chitin nanocrystal enhanced wet adhesion performance of mussel-inspired citrate-based soft-tissue adhesive. <i>Carbohydrate Polymers</i> , 2018, 190, 324-330.	10.2	42
3	A facile and green emulsion casting method to prepare chitin nanocrystal reinforced citrate-based bioelastomer. <i>Carbohydrate Polymers</i> , 2017, 157, 620-628.	10.2	36
4	Electrospun Cellulose Nanocrystals/Polycaprolactone Nanocomposite Fiber Mats. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 820-828.	1.0	31
5	Fabrication of Nanocomposite Bioelastomer Porous Scaffold Based on Chitin Nanocrystal Supported Emulsion-Freezing Casting. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3305-3313.	6.7	31
6	Mussel-inspired soft-tissue adhesive based on poly(diol citrate) with catechol functionality. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 30.	3.6	29
7	A Novel Approach to the Preparation of Nanoblends of Poly(2,6-dimethyl-1,4-phenylene) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 5	3.9	27
8	Prominent reinforcing effect of chitin nanocrystals on electrospun polydioxanone nanocomposite fiber mats. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 44, 35-42.	3.1	23
9	Solubility of a High Molecular-Weight Bacterial Cellulose in Lithium Chloride/N,N-dimethylacetamide Solution. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 1012-1018.	1.0	16
10	Chitin nanocrystals assisted 3D printing of polycitrate thermoset bioelastomers. <i>Carbohydrate Polymers</i> , 2021, 256, 117549.	10.2	16
11	Preparation and pH-sensitivity of polyacrylonitrile (PAN) based porous hollow gel fibers. <i>Journal of Applied Polymer Science</i> , 2008, 110, 313-320.	2.6	14
12	Regulating the mechanical properties of poly(1,8-octanediol citrate) bioelastomer via loading of chitin nanocrystals. <i>RSC Advances</i> , 2014, 4, 41357-41363.	3.6	14
13	New degradable composite elastomers of POC/PCL fabricated via in-situ copolymerization blending strategy. <i>European Polymer Journal</i> , 2019, 110, 337-343.	5.4	14
14	Fabricating poly(1,8-octanediol citrate) elastomer based fibrous mats via electrospinning for soft tissue engineering scaffold. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 93.	3.6	13
15	Hydrophobic and Hydrophilic Effects in a Mussel-Inspired Citrate-Based Adhesive. <i>Langmuir</i> , 2021, 37, 311-321.	3.5	13
16	Chitin nanocrystal reinforced wet-spun chitosan fibers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	11
17	A Novel Approach to the Preparation of Nano-Blends of PPO/PS/PA6. <i>Polymer Bulletin</i> , 2005, 54, 109-115.	3.3	8
18	Preparation, Characterization, and Rheological Properties of Dibutylchitin. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 250-258.	1.0	5

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19	Degradable Bioelastomers Prepared by a Facile Melt Polycondensation of Citric Acid and Polycaprolactone-diol. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 679-690.	1.0	5
20	Fabrication of poly (1, 8-octanediol-co-Pluronic F127 citrate)/chitin nanofibril/bioactive glass (POFC/ChiNF/BG) porous scaffold via directional-freeze-casting. <i>Journal of Polymer Engineering</i> , 2020, 40, 591-599.	1.4	3
21	Chitin nanocrystal based aqueous inks for 3D printing via direct ink writing. <i>Journal of Elastomers and Plastics</i> , 2022, 54, 922-936.	1.5	2
22	Morphologies of an Amphiphilic Diblock Copolymer of Poly (Ethylene Oxide)-b-Polystyrene and Its Blends with Poly (2,6-Dimethyl-1,4-Oxide). <i>Polymer Bulletin</i> , 2008, 60, 371-377.	3.3	1
23	Full biodegradable elastomeric nanocomposites fabricated by chitin nanocrystal and poly(caprolactone-diol citrate) elastomer. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 453-463.	2.1	1
24	Fabricating polycitrate-based biodegradable elastomer nanofibrous mats via electrospinning. <i>Journal of Elastomers and Plastics</i> , 2021, 53, 258-269.	1.5	1
25	Temperature-sensitive mussel-inspired citrate-based tissue adhesives with low-swelling. <i>Journal of Adhesion</i> , 0, , 1-18.	3.0	1
26	Crystallization Behavior of PEO in Nano-Structured PEO- <i>b</i> -PS/PPO Blends. <i>Journal of Macromolecular Science - Physics</i> , 2007, 46, 1219-1229.	1.0	0