

Helan Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

224
citations

10
h-index

14
g-index

16
ext. papers

284
ext. citations

7.5
avg, IF

3.4
L-index

#	Paper	IF	Citations
15	3D printing of toughened enantiomeric PLA/PBAT/PMMA quaternary system with complete stereo-complexation: Compatibilizer architecture effects. <i>Polymer</i> , 2022 , 242, 124590	3.9	0
14	Hierarchical crystallization strategy adaptive to 3-dimensional printing of polylactide matrix for complete stereo-complexation. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 247-257	7.9	1
13	Influence of scPLA microsphere on the crystallization behavior of PLLA/PDLA composites. <i>Composites Communications</i> , 2020 , 21, 100380	6.7	9
12	From Poultry Wastes to Quality Protein Products via Restoration of the Secondary Structure with Extended Disulfide Linkages. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1396-1405	8.3	3
11	Transferring feather wastes to ductile keratin filaments towards a sustainable poultry industry. <i>Waste Management</i> , 2020 , 115, 65-73	8.6	12
10	Chitosan/gallnut tannins composite fiber with improved tensile, antibacterial and fluorescence properties. <i>Carbohydrate Polymers</i> , 2019 , 226, 115311	10.3	23
9	Poly(l-lactic acid) bio-composites reinforced by oligo(d-lactic acid) grafted chitosan for simultaneously improved ductility, strength and modulus. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 495-504	7.9	14
8	Submicron amino acid particles reinforced 100% keratin biomedical films with enhanced wet properties via interfacial strengthening. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 177, 33-40	6	12
7	Valorization of keratin from food wastes via crosslinking using non-toxic oligosaccharide derivatives. <i>Food Chemistry</i> , 2019 , 300, 125181	8.5	15
6	A clean approach for potential continuous mass production of high-molecular-weight polylactide fibers with fully stereo-complexed crystallites. <i>Journal of Cleaner Production</i> , 2018 , 176, 151-158	10.3	8
5	Polylactide fibers with enhanced hydrolytic and thermal stability via complete stereo-complexation of poly(l-lactide) with high molecular weight of 600000 and lower-molecular-weight poly(d-lactide). <i>Journal of Materials Science</i> , 2018 , 53, 5490-5500	4.3	14
4	Complete stereo-complexation of enantiomeric polylactides for scalable continuous production. <i>Chemical Engineering Journal</i> , 2017 , 328, 759-767	14.7	27
3	Compression molded composites from discarded nylon 6/nylon 6,6 carpets for sustainable industries. <i>Journal of Cleaner Production</i> , 2016 , 117, 212-220	10.3	14
2	Intrinsically water-stable electrospun three-dimensional ultrafine fibrous soy protein scaffolds for soft tissue engineering using adipose derived mesenchymal stem cells. <i>RSC Advances</i> , 2014 , 4, 15451	3.7	41
1	Influence of absorbed moisture on antifelting property of wool treated with atmospheric pressure plasma. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3687-3692	2.9	30