

Peng Chen

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable PLA Nonwoven Fabric with Controllable Wettability for Efficient Water Purification and Photocatalysis Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2445-2452.	6.7	87
2	Properties and structure of polylactide/poly (3-hydroxybutyrate-co-3-hydroxyvalerate) (PLA/PHBV) blend fibers. <i>Polymer</i> , 2015, 68, 183-194.	3.8	77
3	Role of toll-like receptors 3, 4 and 7 in cellular uptake and response to titanium dioxide nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 015008.	6.1	36
4	Development of Sensor Cells Using NF- κ B Pathway Activation for Detection of Nanoparticle-Induced Inflammation. <i>Sensors</i> , 2011, 11, 7219-7230.	3.8	29
5	LGCN: Learnable Gabor Convolution Network for Human Gender Recognition in the Wild. <i>IEICE Transactions on Information and Systems</i> , 2019, E102.D, 2067-2071.	0.7	18
6	Detection of cellular response to titanium dioxide nanoparticle agglomerates by sensor cells using heat shock protein promoter. <i>Biotechnology and Bioengineering</i> , 2012, 109, 3112-3118.	3.3	16
7	An evolved bio-based 2,5-furandicarboxylate copolyester fiber from poly(ethylene terephthalate). <i>Journal of Polymer Science</i> , 2020, 58, 320-329.	3.8	15
8	Harnessing semantic segmentation masks for accurate facial attribute editing. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5798.	2.2	15
9	Unique gelation and rheological properties of the cellulose/CO ₂ -based reversible ionic liquid/DMSO solutions. <i>Carbohydrate Polymers</i> , 2019, 222, 115024.	10.2	13
10	Carbon Fibers with Low Cost and Uniform Disordered Structure Derived from Lignin/Polyacrylonitrile Composite Precursors. <i>Fibers and Polymers</i> , 2021, 22, 240-248.	2.1	9
11	The electrical performance and conductive network of reduced graphene oxide-coated ultra-high-molecular-weight polyethylene fibers through electrostatic interaction and covalent bonding. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48946.	2.6	7
12	Polyethylene Terephthalate-Based Materials for Lithium-Ion Battery Separator Applications: A Review Based on Knowledge Domain Analysis. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-12.	2.7	6
13	Toward heat resistant polylactide blend fibers via incorporation of low poly[(R)-3-hydroxybutyrate-co-4-hydroxybutyrate] content. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5