

# Xiaojun

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

425  
citations

759233

12  
h-index

752698

20  
g-index

24  
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24  
docs citations

24  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan and procyanidin composite films with high antioxidant activity and pH responsivity for cheese packaging. <i>Food Chemistry</i> , 2021, 338, 128013.	8.2	56
2	A facile approach to prepare biomass-derived activated carbon hollow fibers from wood waste as high-performance supercapacitor electrodes. <i>Cellulose</i> , 2018, 25, 4743-4755.	4.9	47
3	Pretreatment of lignocellulosic feedstock to produce fermentable sugars for poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production using activated sludge. <i>Bioresource Technology</i> , 2019, 290, 121773.	9.6	38
4	Preparation and characterization of a bionanocomposite from poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) and cellulose nanocrystals. <i>Cellulose</i> , 2019, 26, 979-990.	4.9	33
5	Towards biodegradable polyhydroxyalkanoate production from wood waste: Using volatile fatty acids as conversion medium. <i>Bioresource Technology</i> , 2020, 299, 122629.	9.6	29
6	Crystallization, mechanical and UV protection properties of graphene oxide/poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) biocomposites. <i>Journal of Materials Science</i> , 2019, 54, 14388-14399.	3.7	19
7	Improvement in thermal, mechanical, and barrier properties of biocomposite of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)/modified nano-SiO <sub>2</sub> . <i>Polymer Composites</i> , 2020, 41, 381-390.	4.6	19
8	Green carbon quantum dots from sustainable lignocellulosic biomass and its application in the detection of Fe <sup>3+</sup> . <i>Cellulose</i> , 2022, 29, 367-378.	4.9	18
9	Fabrication of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) biocomposite reinforced wood fiber modified with mixed coupling agents CS-201 and KH550. <i>Industrial Crops and Products</i> , 2021, 164, 113352.	5.2	17
10	Achieving valorization of fermented activated sludge using pretreated waste wood feedstock for volatile fatty acids accumulation. <i>Bioresource Technology</i> , 2019, 290, 121791.	9.6	16
11	Enhanced mechanical, thermal, and barrier properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)/montmorillonite nanocomposites using silane coupling agent. <i>Polymer Composites</i> , 2020, 41, 4538-4549.	4.6	16
12	Synthesis of a novel biocomposite of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) reinforced with acetylated cellulose nanocrystals. <i>Cellulose</i> , 2019, 26, 8729-8743.	4.9	14
13	Synergistic reinforcing effect of nano-montmorillonite and cellulose nanocrystals on poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Cellulose</i> , 2020, 27, 6249-6261.	4.9	13
14	Preparation and properties of biocomposite from poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) reinforced with regenerated cellulose. <i>Cellulose</i> , 2019, 26, 5427-5436.	4.9	12
15	Controllable preparation of hierarchical porous carbon aerogel from liquefied wood for supercapacitors. <i>Journal of Materials Science</i> , 2022, 57, 1947-1961.	3.7	11
16	Facile synthesis of Mn/N-doped TiO <sub>2</sub> on wood-based activated carbon fiber as an efficient visible-light-driven photocatalyst. <i>Journal of Materials Science</i> , 2018, 53, 11671-11683.	3.7	10
17	In situ hydrothermal synthesis of $\pm$ -MnO <sub>2</sub> nanowire/activated carbon hollow fibers from cotton stalk composite: dual-effect cyclic visible light photocatalysis performance. <i>Cellulose</i> , 2020, 27, 8937-8948.	4.9	10
18	Preparation of N, P self-doped activated carbon hollow fibers derived from liquefied wood. <i>Wood Science and Technology</i> , 2021, 55, 83-93.	3.2	10

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19	Toward sustainable biocomposites based on MMT and PHBH reinforced with acetylated cellulose nanocrystals. <i>Cellulose</i> , 2021, 28, 2981-2993.	4.9	10
20	Achieving polyhydroxyalkanoate production from rubber wood waste using mixed microbial cultures and anaerobic-aerobic feeding regime. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 162-171.	7.5	8
21	Improvement of electrochemical properties of activated carbon hollow fibers from liquefied wood by charcoal power. <i>Materials Letters</i> , 2019, 255, 126544.	2.6	7
22	Accumulation of bioplastic polyhydroxyalkanoate with different substrate forms from pretreated waste lignocellulose hydrolysate. <i>Industrial Crops and Products</i> , 2021, 172, 114061.	5.2	5
23	Investigation on improvement of thermal, mechanical, and barrier properties of lignin/poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) using inorganic nanoparticles as fillers. <i>Polymer Composites</i> , 2022, 43, 7871-7881.	4.6	5
24	Insight into the complex coupling agents on thermal, mechanical, and barrier properties of lignin-poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) biocomposites. <i>Polymer Composites</i> , 2022, 43, 2431-2439.	4.6	2