

# Zainoha Zakaria

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

793  
citations

933447

10  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of cellulose nanowhiskers from oil palm biomass microcrystalline cellulose. <i>Carbohydrate Polymers</i> , 2014, 103, 119-125.	10.2	245
2	Properties of polylactic acid composites reinforced with oil palm biomass microcrystalline cellulose. <i>Carbohydrate Polymers</i> , 2013, 98, 139-145.	10.2	224
3	Enhanced ductility and tensile properties of hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. <i>Journal of Materials Science</i> , 2015, 50, 3118-3130.	3.7	63
4	Biological detoxification of Cr(VI) using wood-husk immobilized <i>Acinetobacter haemolyticus</i> . <i>Journal of Hazardous Materials</i> , 2007, 148, 164-171.	12.4	50
5	Effect of hydrolysed cellulose nanowhiskers on properties of montmorillonite/polylactic acid nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 998-1010.	7.5	44
6	Enzymatic esterification of eugenol and benzoic acid by a novel chitosan-chitin nanowhiskers supported <i>Rhizomucor miehei</i> lipase: Process optimization and kinetic assessments. <i>Enzyme and Microbial Technology</i> , 2018, 108, 42-52.	3.2	43
7	Insight into the <i>Rhizomucor miehei</i> lipase supported on chitosan-chitin nanowhiskers assisted esterification of eugenol to eugenyl benzoate. <i>Journal of Biotechnology</i> , 2018, 280, 19-30.	3.8	32
8	Partial replacement effect of montmorillonite with cellulose nanowhiskers on polylactic acid nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 91-99.	7.5	30
9	Effect of microcrystalline cellulose on biodegradability, tensile and morphological properties of montmorillonite reinforced polylactic acid nanocomposites. <i>Fibers and Polymers</i> , 2015, 16, 2284-2293.	2.1	18
10	Microcrystalline Cellulose from Oil Palm Empty Fruit Bunches as Filler in Polylactic Acid. <i>Polymers and Polymer Composites</i> , 2016, 24, 675-680.	1.9	13
11	Polylactic Acid Green Nanocomposites for Automotive Applications. <i>Green Energy and Technology</i> , 2017, , 193-208.	0.6	8
12	Biodegradability and Thermal Properties of Hybrid Montmorillonite/Microcrystalline Cellulose Filled Polylactic Acid Composites: Effect of Filler Ratio. <i>Polymers and Polymer Composites</i> , 2016, 24, 741-746.	1.9	6
13	Effects of Micro- and Nano-cellulose on Tensile and Morphological Properties of Montmorillonite Nanoclay Reinforced Polylactic Acid Nanocomposites. <i>Engineering Materials</i> , 2016, , 103-125.	0.6	6
14	Hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. , 2017, , 25-44.		4
15	Mechanical Properties of Polylactic Acid/Treated Fermented Chitin Nanowhiskers Biocomposites. <i>Applied Mechanics and Materials</i> , 2014, 606, 89-92.	0.2	2
16	Tensile and Morphological Properties of Hybrid Montmorillonite/Microcrystalline Cellulose Filled Polylactic Acid Composites: Effect of Filler Ratio. <i>Advanced Materials Research</i> , 0, 1125, 271-275.	0.3	2
17	Effects of cellulose nanowhiskers preparation methods on the properties of hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. , 2017, , 111-136.		2
18	Biosorption of chromium (VI) by chitosan-immobilized <i>Acinetobacter haemolyticus</i> . , 2012, , .		0