

Nasmi Herlina Sari

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,132
citations

516710

16
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Sugar palm (<i>Arenga pinnata</i> (Wurmb.) Merr) cellulosic fibre hierarchy: a comprehensive approach from macro to nano scale. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2753-2766.	5.8	195
2	Effect of sugar palm nanofibrillated cellulose concentrations on morphological, mechanical and physical properties of biodegradable films based on agro-waste sugar palm (<i>Arenga pinnata</i> (Wurmb.)) Tj ETQq0 0 0.8 BT / Overlok 10 T	0.8	10
3	Natural-Fiber-Reinforced Chitosan, Chitosan Blends and Their Nanocomposites for Various Advanced Applications. <i>Polymers</i> , 2022, 14, 874.	4.5	110
4	Characterization of the Chemical, Physical, and Mechanical Properties of NaOH-treated Natural Cellulosic Fibers from Corn Husks. <i>Journal of Natural Fibers</i> , 2018, 15, 545-558.	3.1	97
5	The effect of water immersion and fibre content on properties of corn husk fibres reinforced thermoset polyester composite. <i>Polymer Testing</i> , 2020, 91, 106751.	4.8	79
6	Synthesis and characterization of cellulose nanofibers (CNF) ramie reinforced cassava starch hybrid composites. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 578-586.	7.5	78
7	Characterization and properties of cellulose microfibrils from water hyacinth filled sago starch biocomposites. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 119-125.	7.5	44
8	Isolation and characterization of cellulose nanofibers from <i>Agave gigantea</i> by chemical-mechanical treatment. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 25-33.	7.5	42
9	A Comprehensive Review on Natural Fibers: Technological and Socio-Economical Aspects. <i>Polymers</i> , 2021, 13, 4280.	4.5	42
10	Synthesis and properties of pandanwangi fiber reinforced polyethylene composites: Evaluation of dicumyl peroxide (DCP) effect. <i>Composites Communications</i> , 2019, 15, 53-57.	6.3	37
11	The Effect of Sodium Hydroxide on Chemical and Mechanical Properties of Corn Husk Fiber. <i>Oriental Journal of Chemistry</i> , 2017, 33, 3037-3042.	0.3	33
12	Characterisation of swellability and compressive and impact strength properties of corn husk fibre composites. <i>Composites Communications</i> , 2020, 18, 49-54.	6.3	29
13	Corn Husk Fiber-Polyester Composites as Sound Absorber: Nonacoustical and Acoustical Properties. <i>Advances in Acoustics and Vibration</i> , 2017, 2017, 1-7.	0.5	22
14	Characterization of the density and mechanical properties of corn husk fiber reinforced polyester composites after exposure to ultraviolet light. <i>Functional Composites and Structures</i> , 2021, 3, 034001.	3.4	22
15	Evaluation of mechanical, thermal and morphological properties of corn husk modified pumice powder reinforced polyester composites. <i>Polymer Composites</i> , 2022, 43, 1763-1771.	4.6	22
16	Morphology and mechanical properties of coconut shell powder-filled untreated cornhusk fibre-unsaturated polyester composites. <i>Polymer</i> , 2021, 222, 123657.	3.8	20
17	Properties and Characterization of PLA, PHA, and Other Types of Biopolymer Composites. , 2020, , 111-138.		19
18	Physical and Acoustical Properties of Corn Husk Fiber Panels. <i>Advances in Acoustics and Vibration</i> , 2016, 2016, 1-8.	0.5	16

#	ARTICLE	IF	CITATIONS
19	Oxygen permeability properties of nanocellulose reinforced biopolymer nanocomposites. Materials Today: Proceedings, 2022, 52, 2414-2419.	1.8	16
20	Evaluation of impact, thermo-physical properties, and morphology of cornhusk fiber-reinforced polyester composites. Polymer Composites, 2022, 43, 2771-2778.	4.6	12
21	Shear properties evaluation of natural fibre reinforced epoxy composites using V-notch shear test. MATEC Web of Conferences, 2018, 195, 02004.	0.2	8
22	Introduction to nanocellulose production from biological waste. , 2022, , 1-37.		2
23	The Role of Composites for Sustainable Society and Industry. Mechanical Engineering for Society and Industry, 2021, 1, 48-53.	2.0	1
24	Acoustic Properties of Sound Absorber from Modified Polyester with Filler Sodium Bicarbonate. Oriental Journal of Chemistry, 2018, 34, 2187-2191.	0.3	0
25	Nanocellulose nanocomposites in coating materials. , 2022, , 179-195.		0