

G M Arifuzzaman Khan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

832
citations

933447

10
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Alkalization on Physical and Mechanical Properties of Biologically Degummed Okra Bast and Corn Husk Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 1126-1136.	3.1	10
2	Wet processing of agro-residual fibres for potential application in fancy décor items. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 3215-3230.	1.4	1
3	Microfibrillated Cellulose-Silver Nanocomposite Based PVA Hydrogels and Their Enhanced Physical, Mechanical and Antibacterial Properties. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2875-2887.	5.0	17
4	Synthesis of <i>p</i> -phenylenediamine treated fibrillated cellulose fiber and its application in poly(vinyl alcohol) composites. <i>Journal of Natural Fibers</i> , 2022, 19, 14694-14705.	3.1	2
5	Green synthesis of silk sericin-embedded silver nanoparticles and their antibacterial application against multidrug-resistant pathogens. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 74.	3.3	8
6	Fundamental aspects and developments in cellulose-based membrane technologies for virus retention: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106401.	6.7	8
7	Effects of chemical treatments and degumming methods on physical and mechanical properties of okra bast and corn husk fibers. <i>Journal of the Textile Institute</i> , 2020, 111, 1418-1435.	1.9	23
8	Flexural behavior of textile-reinforced polymer composites. , 2019, , 13-42.		7
9	Okra Bast Fiber as Potential Reinforcement Element of Biocomposites: Can It Be the Flax of the Future?. , 2017, , 379-405.		11
10	Effect of Chemical Treatments and Coupling Agents on the Properties of Unidirectional Jute Fiber Reinforced Polypropylene Composite. <i>Jurnal Kejuruteraan</i> , 2017, 29, 63-70.	0.3	5
11	Studies on the mechanical properties of woven jute fabric reinforced poly(l-lactic acid) composites. <i>Journal of King Saud University, Engineering Sciences</i> , 2016, 28, 69-74.	2.0	86
12	Effect of Chemical Treatments on the Physical Properties of Non-woven Jute/PLA Biocomposites. <i>BioResources</i> , 2015, 10, .	1.0	20
13	Graft polycondensation of microfibrillated jute cellulose with oligo(L-lactic acid) and its properties. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
14	Studies on Okra Bast Fibre-Reinforced Phenol Formaldehyde Resin Composites. , 2014, , 157-174.		6
15	Utilization of Sawmill By-Product for Making Cellulose and Its Valuable Derivatives. , 2014, , 165-186.		1
16	Influence of chemical treatment on the properties of banana stem fiber and banana stem fiber/coir hybrid fiber reinforced maleic anhydride grafted polypropylene/low density polyethylene composites. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1020-1029.	2.6	74
17	Synthesis of Co ₃ O ₄ /WO ₃ Nanoheterojunction Photocatalyst for the Decomposition of Organic Pollutants Under Visible Light Irradiation. <i>Journal of Cluster Science</i> , 2013, 24, 701-713.	3.3	22
18	Isolation and characterization of betel nut leaf fiber: Its potential application in making composites. <i>Polymer Composites</i> , 2012, 33, 764-772.	4.6	21

#	ARTICLE	IF	CITATIONS
19	Removal of total ammonia nitrogen (TAN), nitrate and total organic carbon (TOC) from aquaculture wastewater using electrochemical technology: A review. <i>Desalination</i> , 2012, 285, 1-13.	8.2	393
20	Estimation of Main Constituents of <i>Ananus comosus</i> (Pineapple) Leaf Fiber and Its Photo-Oxidative Degradation. <i>Journal of Natural Fibers</i> , 2009, 6, 138-150.	3.1	13
21	Surface modification of okra bast fiber and its physico-chemical characteristics. <i>Fibers and Polymers</i> , 2009, 10, 65-70.	2.1	85