G M Arifuzzaman Khan

List of Publications by Year
in descending order

21	832	933447 10	888059 17
papers	citations	h-index	g-index

23	23	23	1074
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of total ammonia nitrogen (TAN), nitrate and total organic carbon (TOC) from aquaculture wastewater using electrochemical technology: A review. Desalination, 2012, 285, 1-13.	8.2	393
2	Studies on the mechanical properties of woven jute fabric reinforced poly(l-lactic acid) composites. Journal of King Saud University, Engineering Sciences, 2016, 28, 69-74.	2.0	86
3	Surface modification of okra bast fiber and its physico-chemical characteristics. Fibers and Polymers, 2009, 10, 65-70.	2.1	85
4	Influence of chemical treatment on the properties of banana stem fiber and banana stem fiber/coir hybrid fiber reinforced maleic anhydride grafted polypropylene/lowâ€density polyethylene composites. Journal of Applied Polymer Science, 2013, 128, 1020-1029.	2.6	74
5	Effects of chemical treatments and degumming methods on physical and mechanical properties of okra bast and corn husk fibers. Journal of the Textile Institute, 2020, 111, 1418-1435.	1.9	23
6	Synthesis of Co3O4/WO3 Nanoheterojunction Photocatalyst for the Decomposition of Organic Pollutants Under Visible Light Irradiation. Journal of Cluster Science, 2013, 24, 701-713.	3.3	22
7	Isolation and characterization of betel nut leaf fiber: Its potential application in making composites. Polymer Composites, 2012, 33, 764-772.	4.6	21
8	Effect of Chemical Treatments on the Physical Properties of Non-woven Jute/PLA Biocomposites. BioResources, 2015, 10, .	1.0	20
9	Microfibrillated Cellulose-Silver Nanocomposite Based PVA Hydrogels and Their Enhanced Physical, Mechanical and Antibacterial Properties. Journal of Polymers and the Environment, 2022, 30, 2875-2887.	5.0	17
10	Estimation of Main Constituents ofAnanus comosus(Pineapple) Leaf Fiber and Its Photo-Oxidative Degradation. Journal of Natural Fibers, 2009, 6, 138-150.	3.1	13
11	Okra Bast Fiber as Potential Reinforcement Element of Biocomposites: Can It Be the Flax of the Future?. , 2017, , 379-405.		11
12	Effects of Alkalization on Physical and Mechanical Properties of Biologically Degummed Okra Bast and Corn Husk Fibers. Journal of Natural Fibers, 2022, 19, 1126-1136.	3.1	10
13	Graft polycondensation of microfibrillated jute cellulose with oligo(<scp>L</scp>â€lactic acid) and its properties. Journal of Applied Polymer Science, 2014, 131, .	2.6	9
14	Green synthesis of silk sericin-embedded silver nanoparticles and their antibacterial application against multidrug-resistant pathogens. Journal of Genetic Engineering and Biotechnology, 2021, 19, 74.	3.3	8
15	Fundamental aspects and developments in cellulose-based membrane technologies for virus retention: A review. Journal of Environmental Chemical Engineering, 2021, 9, 106401.	6.7	8
16	Flexural behavior of textile-reinforced polymer composites. , 2019, , 13-42.		7
17	Studies on Okra Bast Fibre-Reinforced Phenol Formaldehyde Resin Composites. , 2014, , 157-174.		6
18	Effect of Chemical Treatments and Coupling Agents on the Properties of Unidirectional Jute Fiber Reinforced Polypropylene Composite. Jurnal Kejuruteraan, 2017, 29, 63-70.	0.3	5

#	Article	IF	Citations
19	Synthesis of p-phenylenediamine treated fibrillated cellulose fiber and its application in poly(vinyl alcohol) composites. Journal of Natural Fibers, 2022, 19, 14694-14705.	3.1	2
20	Wet processing of agro-residual fibres for potential application in fancy dÃ©cor items. Advances in Materials and Processing Technologies, 2022, 8, 3215-3230.	1.4	1
21	Utilization of Sawmill By-Product for Making Cellulose and Its Valuable Derivatives. , 2014, , 165-186.		1