

K. M. Faridul Hasan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

919
citations

17
h-index

29
g-index

58
ext. papers

1,352
ext. citations

3.3
avg, IF

5.6
L-index

#	Paper	IF	Citations
51	Potential Natural Fiber Polymeric Nanobiocomposites: A Review. <i>Polymers</i> , 2020 , 12,	4.5	82
50	High-Performing and Fire-Resistant Biobased Epoxy Resin from Renewable Sources. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7589-7599	8.3	82
49	A Novel Coloration of Polyester Fabric through Green Silver Nanoparticles (G-AgNPs@PET). <i>Nanomaterials</i> , 2019 , 9,	5.4	50
48	Comprehensive review on plant fiber-reinforced polymeric biocomposites. <i>Journal of Materials Science</i> , 2021 , 56, 7231-7264	4.3	46
47	Surface Functionalization of Bajshahi Silk Using Green Silver Nanoparticles. <i>Fibers</i> , 2017 , 5, 35	3.7	43
46	Bio-synthesized palladium nanoparticles using alginate for catalytic degradation of azo-dyes. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 1334-1343	3.2	41
45	Coloration of aramid fabric via in-situ biosynthesis of silver nanoparticles with enhanced antibacterial effect. <i>Inorganic Chemistry Communication</i> , 2020 , 119, 108115	3.1	37
44	A state-of-the-art review on coir fiber-reinforced biocomposites.. <i>RSC Advances</i> , 2021 , 11, 10548-10571	3.7	37
43	New insight into the mechanism for the excellent gas properties of poly(ethylene 2,5-furandicarboxylate) (PEF): Role of furan ring polarity. <i>European Polymer Journal</i> , 2019 , 118, 642-650 ^{5.2}	5.2	35
42	Multifunctional organic cotton fabric based on silver nanoparticles green synthesized from sodium alginate. <i>Textile Reseach Journal</i> , 2020 , 90, 1224-1236	1.7	34
41	Colorful and antibacterial nylon fabric via in-situ biosynthesis of chitosan mediated nanosilver. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 16135-16145	5.5	32
40	In situ synthesis of green AgNPs on ramie fabric with functional and catalytic properties. <i>Emerging Materials Research</i> , 2019 , 8, 623-633	1.4	32
39	Biobased Amorphous Polyesters with High Tg: Trade-Off between Rigid and Flexible Cyclic Diols. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6401-6411	8.3	31
38	Wool functionalization through AgNPs: coloration, antibacterial and wastewater treatment. <i>Surface Innovations</i> , 2021 , 9, 25-36	1.9	29
37	Lignocellulosic Fiber Cement Compatibility: A State of the Art Review. <i>Journal of Natural Fibers</i> , 1-26	1.8	24
36	Thermo-mechanical properties of pretreated coir fiber and fibrous chips reinforced multilayered composites. <i>Scientific Reports</i> , 2021 , 11, 3618	4.9	23
35	Konjac glucomannan reduced-stabilized silver nanoparticles for mono-azo and di-azo contained wastewater treatment. <i>Inorganica Chimica Acta</i> , 2021 , 515, 120058	2.7	19

34	Thermomechanical Behavior of Methylene Diphenyl Diisocyanate-Bonded Flax/Glass Woven Fabric Reinforced Laminated Composites. <i>ACS Omega</i> , 2021 , 6, 6124-6133	3.9	17
33	Toughening polylactide by direct blending of cellulose nanocrystals and epoxidized soybean oil. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48221	2.9	16
32	Coloration of woven glass fabric using biosynthesized silver nanoparticles from <i>Fraxinus excelsior</i> tree flower. <i>Inorganic Chemistry Communication</i> , 2021 , 126, 108477	3.1	15
31	Potential fabric-reinforced composites: a comprehensive review. <i>Journal of Materials Science</i> , 2021 , 56, 14381-14415	4.3	15
30	UV Protection and Antibacterial Treatment of Wool using Green Silver Nanoparticles. <i>Asian Journal of Chemistry</i> , 2018 , 30, 116-122	0.4	15
29	Gold/Konjac glucomannan bionanocomposites for catalytic degradation of mono-azo and di-azo dyes. <i>Inorganic Chemistry Communication</i> , 2020 , 120, 108156	3.1	14
28	Novel fibrin functionalized multilayered electrospun nanofiber membrane for burn wound treatment. <i>Journal of Materials Science</i> , 2021 , 56, 12814-12834	4.3	13
27	Thermomechanical characteristics of flax-woven-fabric-reinforced poly(lactic acid) and polypropylene biocomposites. <i>Green Materials</i> , 1-10	3.2	12
26	Development of lignocellulosic fiber reinforced cement composite panels using semi-dry technology. <i>Cellulose</i> , 2021 , 28, 3631-3645	5.5	12
25	Effect of thermosonication treatment on blueberry juice quality: Total phenolics, flavonoids, anthocyanin, and antioxidant activity. <i>LWT - Food Science and Technology</i> , 2021 , 150, 112021	5.4	12
24	Rice straw and energy reed fibers reinforced phenol formaldehyde resin polymeric biocomposites. <i>Cellulose</i> , 2021 , 28, 7859-7875	5.5	9
23	Electrospun PVDF-Ag@AgCl porous fiber membrane: stable antifoul and antibacterial surface. <i>Surface Innovations</i> , 2021 , 9, 156-165	1.9	9
22	One-pot green synthesis of Ag@AgCl nanoparticles with excellent photocatalytic performance. <i>Surface Innovations</i> , 2021 , 9, 277-284	1.9	9
21	Green synthesis of glycerol monostearate-modified cationic waterborne polyurethane. <i>Emerging Materials Research</i> , 2019 , 8, 137-147	1.4	8
20	Hemp/glass woven fabric reinforced laminated nanocomposites via in-situ synthesized silver nanoparticles from <i>Tilia cordata</i> leaf extract. <i>Composite Interfaces</i> , 1-19	2.3	7
19	<i>Macadamia integrifolia</i> : A New Source of Natural Dyes for Textile Colouration. <i>Asian Journal of Chemistry</i> , 2017 , 29, 1543-1548	0.4	6
18	Design and Fabrication Technology in Biocomposite Manufacturing 2021 , 157-188		6
17	Semi-dry technology-mediated coir fiber and Scots pine particle-reinforced sustainable cementitious composite panels. <i>Construction and Building Materials</i> , 2021 , 305, 124816	6.7	6

16	Fully Bio-based Micro-cellulose Incorporated Poly(butylene 2,5-furandicarboxylate) Transparent Composites: Preparation and Characterization. <i>Fibers and Polymers</i> , 2020 , 21, 1550-1559	2	5
15	Nucleation and crystallization of poly(propylene 2,5-furan dicarboxylate) by direct blending of microcrystalline cellulose: improved tensile and barrier properties. <i>Cellulose</i> , 2020 , 27, 9423-9436	5.5	5
14	Novel insulation panels development from multilayered coir short and long fiber reinforced phenol formaldehyde polymeric biocomposites. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	4
13	The Consequence of Epoxidized Soybean Oil in the Toughening of Polylactide and Micro-Fibrillated Cellulose Blend. <i>Polymer Science - Series A</i> , 2019 , 61, 832-846	1.2	4
12	Screening of enzyme-producing strains from traditional Guizhou condiment. <i>Biotechnology and Biotechnological Equipment</i> , 2021 , 35, 264-275	1.6	4
11	Introduction to Biomass and Biocomposites 2021 , 1-33		3
10	Coloration of flax woven fabrics using <i>Taxus baccata</i> heartwood-mediated nanosilver. <i>Coloration Technology</i> ,	2	3
9	Silk protein and its nanocomposites 2021 , 309-323		3
8	Nanotechnology for waste wood recycling 2022 , 61-80		2
7	Waste Cellulose Fibers Reinforced Polylactide Toughened by Direct Blending of Epoxidized Soybean Oil. <i>Fibers and Polymers</i> , 2020 , 21, 2949-2961	2	2
6	Nanosilver coating on hemp/cotton blended woven fabrics mediated from mammoth pine bark with improved coloration and mechanical properties. <i>Journal of the Textile Institute</i> ,1-10	1.5	1
5	Colorful and facile in situ nanosilver coating on sisal/cotton interwoven fabrics mediated from European larch heartwood. <i>Scientific Reports</i> , 2021 , 11, 22397	4.9	1
4	Enhancing mechanical and antibacterial performances of organic cotton materials with greenly synthesized colored silver nanoparticles. <i>International Journal of Clothing Science and Technology</i> , 2022 , ahead-of-print,	0.7	1
3	Green synthesis of nanosilver using <i>Fomes fomentarius</i> mushroom extract over aramid fabrics with improved coloration effects. <i>Textile Reseach Journal</i> ,004051752210868	1.7	1
2	Industrial Flame Retardants for Polyurethanes. <i>ACS Symposium Series</i> ,239-264	0.4	0
1	Nanomaterial-based smart and sustainable protective textiles 2022 , 75-111		0