

# K. M. Faridul Hasan

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9156949/k-m-faridul-hasan-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Nanotechnology for waste wood recycling <b>2022</b> , 61-80		2
50	Enhancing mechanical and antibacterial performances of organic cotton materials with greenly synthesized colored silver nanoparticles. <i>International Journal of Clothing Science and Technology</i> , <b>2022</b> , ahead-of-print,	0.7	1
49	Nanomaterial-based smart and sustainable protective textiles <b>2022</b> , 75-111		0
48	Novel insulation panels development from multilayered coir short and long fiber reinforced phenol formaldehyde polymeric biocomposites. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	4
47	Colorful and facile in situ nanosilver coating on sisal/cotton interwoven fabrics mediated from European larch heartwood. <i>Scientific Reports</i> , <b>2021</b> , 11, 22397	4.9	1
46	Coloration of woven glass fabric using biosynthesized silver nanoparticles from Fraxinus excelsior tree flower. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 126, 108477	3.1	15
45	Novel fibrin functionalized multilayered electrospun nanofiber membrane for burn wound treatment. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 12814-12834	4.3	13
44	Potential fabric-reinforced composites: a comprehensive review. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 14381-14415	4.3	15
43	Rice straw and energy reed fibers reinforced phenol formaldehyde resin polymeric biocomposites. <i>Cellulose</i> , <b>2021</b> , 28, 7859-7875	5.5	9
42	Design and Fabrication Technology in Biocomposite Manufacturing <b>2021</b> , 157-188		6
41	Wool functionalization through AgNPs: coloration, antibacterial and wastewater treatment. <i>Surface Innovations</i> , <b>2021</b> , 9, 25-36	1.9	29
40	Electrospun PVDF-Ag@AgCl porous fiber membrane: stable antifoul and antibacterial surface. <i>Surface Innovations</i> , <b>2021</b> , 9, 156-165	1.9	9
39	Konjac glucomannan reduced-stabilized silver nanoparticles for mono-azo and di-azo contained wastewater treatment. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 515, 120058	2.7	19
38	A state-of-the-art review on coir fiber-reinforced biocomposites.. <i>RSC Advances</i> , <b>2021</b> , 11, 10548-10571	3.7	37
37	Comprehensive review on plant fiber-reinforced polymeric biocomposites. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 7231-7264	4.3	46
36	Development of lignocellulosic fiber reinforced cement composite panels using semi-dry technology. <i>Cellulose</i> , <b>2021</b> , 28, 3631-3645	5.5	12
35	Thermo-mechanical properties of pretreated coir fiber and fibrous chips reinforced multilayered composites. <i>Scientific Reports</i> , <b>2021</b> , 11, 3618	4.9	23

34	Thermomechanical Behavior of Methylene Diphenyl Diisocyanate-Bonded Flax/Glass Woven Fabric Reinforced Laminated Composites. <i>ACS Omega</i> , <b>2021</b> , 6, 6124-6133	3.9	17
33	Introduction to Biomass and Biocomposites <b>2021</b> , 1-33		3
32	Semi-dry technology-mediated coir fiber and Scots pine particle-reinforced sustainable cementitious composite panels. <i>Construction and Building Materials</i> , <b>2021</b> , 305, 124816	6.7	6
31	Effect of thermosonication treatment on blueberry juice quality: Total phenolics, flavonoids, anthocyanin, and antioxidant activity. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 150, 112021	5.4	12
30	One-pot green synthesis of Ag@AgCl nanoparticles with excellent photocatalytic performance. <i>Surface Innovations</i> , <b>2021</b> , 9, 277-284	1.9	9
29	Silk protein and its nanocomposites <b>2021</b> , 309-323		3
28	Screening of enzyme-producing strains from traditional Guizhou condiment. <i>Biotechnology and Biotechnological Equipment</i> , <b>2021</b> , 35, 264-275	1.6	4
27	Potential Natural Fiber Polymeric Nanobiocomposites: A Review. <i>Polymers</i> , <b>2020</b> , 12,	4.5	82
26	Bio-synthesized palladium nanoparticles using alginate for catalytic degradation of azo-dyes. <i>Chinese Journal of Chemical Engineering</i> , <b>2020</b> , 28, 1334-1343	3.2	41
25	Waste Cellulose Fibers Reinforced Polylactide Toughened by Direct Blending of Epoxidized Soybean Oil. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 2949-2961	2	2
24	Colorful and antibacterial nylon fabric via in-situ biosynthesis of chitosan mediated nanosilver. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 16135-16145	5.5	32
23	Multifunctional organic cotton fabric based on silver nanoparticles green synthesized from sodium alginate. <i>Textile Reseach Journal</i> , <b>2020</b> , 90, 1224-1236	1.7	34
22	Coloration of aramid fabric via in-situ biosynthesis of silver nanoparticles with enhanced antibacterial effect. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 119, 108115	3.1	37
21	Fully Bio-based Micro-cellulose Incorporated Poly(butylene 2,5-furandicarboxylate) Transparent Composites: Preparation and Characterization. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 1550-1559	2	5
20	Gold/Konjac glucomannan bionanocomposites for catalytic degradation of mono-azo and di-azo dyes. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 120, 108156	3.1	14
19	Nucleation and crystallization of poly(propylene 2,5-furan dicarboxylate) by direct blending of microcrystalline cellulose: improved tensile and barrier properties. <i>Cellulose</i> , <b>2020</b> , 27, 9423-9436	5.5	5
18	A Novel Coloration of Polyester Fabric through Green Silver Nanoparticles (G-AgNPs@PET). <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	50
17	Green synthesis of glycerol monostearate-modified cationic waterborne polyurethane. <i>Emerging Materials Research</i> , <b>2019</b> , 8, 137-147	1.4	8

16	Toughening polylactide by direct blending of cellulose nanocrystals and epoxidized soybean oil. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48221	2.9	16
15	New insight into the mechanism for the excellent gas properties of poly(ethylene 2,5-furandicarboxylate) (PEF): Role of furan ring's polarity. <i>European Polymer Journal</i> , <b>2019</b> , 118, 642-650 <sup>5.2</sup>		35
14	Biobased Amorphous Polyesters with High Tg: Trade-Off between Rigid and Flexible Cyclic Diols. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 6401-6411	8.3	31
13	In situ synthesis of green AgNPs on ramie fabric with functional and catalytic properties. <i>Emerging Materials Research</i> , <b>2019</b> , 8, 623-633	1.4	32
12	The Consequence of Epoxidized Soybean Oil in the Toughening of Polylactide and Micro-Fibrillated Cellulose Blend. <i>Polymer Science - Series A</i> , <b>2019</b> , 61, 832-846	1.2	4
11	UV Protection and Antibacterial Treatment of Wool using Green Silver Nanoparticles. <i>Asian Journal of Chemistry</i> , <b>2018</b> , 30, 116-122	0.4	15
10	High-Performing and Fire-Resistant Biobased Epoxy Resin from Renewable Sources. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7589-7599	8.3	82
9	Macadamia integrifolia: A New Source of Natural Dyes for Textile Colouration. <i>Asian Journal of Chemistry</i> , <b>2017</b> , 29, 1543-1548	0.4	6
8	Surface Functionalization of Bajshahi Silk Using Green Silver Nanoparticles. <i>Fibers</i> , <b>2017</b> , 5, 35	3.7	43
7	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
6	Thermomechanical characteristics of flax-woven-fabric-reinforced poly(lactic acid) and polypropylene biocomposites. <i>Green Materials</i> , 1-10	3.2	12
5	Lignocellulosic Fiber Cement Compatibility: A State of the Art Review. <i>Journal of Natural Fibers</i> , 1-26	1.8	24
4	Coloration of flax woven fabrics using Taxus baccata heartwood-mediated nanosilver. <i>Coloration Technology</i> ,	2	3
3	Hemp/glass woven fabric reinforced laminated nanocomposites via in-situ synthesized silver nanoparticles from Tilia cordata leaf extract. <i>Composite Interfaces</i> , 1-19	2.3	7
2	Green synthesis of nanosilver using Fomes fomentarius mushroom extract over aramid fabrics with improved coloration effects. <i>Textile Reseach Journal</i> , 004051752210868	1.7	1
1	Industrial Flame Retardants for Polyurethanes. <i>ACS Symposium Series</i> , 239-264	0.4	0