

Nazmul Karim

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

25
papers

1,254
citations

14
h-index

25
g-index

25
ext. papers

1,705
ext. citations

7.4
avg, IF

5.02
L-index

#	Paper	IF	Citations
25	The effect of surface treatments and graphene-based modifications on mechanical properties of natural jute fiber composites: A review.. <i>IScience</i> , 2022 , 25, 103597	6.1	6
24	Three-dimensional composites with nearly isotropic negative Poisson's ratio by random inclusions: Experiments and finite element simulation. <i>Composites Science and Technology</i> , 2022 , 218, 109195	8.6	1
23	Fully printed and multifunctional graphene-based wearable e-textiles for personalized healthcare applications.. <i>IScience</i> , 2022 , 25, 103945	6.1	9
22	Environmental Impacts of Personal Protective Clothing Used to Combat COVID- 19.. <i>Advanced Sustainable Systems</i> , 2021 , 2100176	5.9	5
21	Flexible and Wearable Graphene-Based E-Textiles 2021 , 21-49		5
20	Enhancing the mechanical properties of natural jute yarn suitable for structural applications. <i>Materials Research Express</i> , 2021 , 8, 055503	1.7	8
19	Sustainable and Multifunctional Composites of Graphene-Based Natural Jute Fibers. <i>Advanced Sustainable Systems</i> , 2021 , 5, 2000228	5.9	19
18	Graphene-Based Technologies for Tackling COVID-19 and Future Pandemics.. <i>Advanced Functional Materials</i> , 2021 , 2107407	15.6	14
17	Investigation into the effects of fillers in polymer processing. <i>International Journal of Lightweight Materials and Manufacture</i> , 2021 , 4, 370-382	2.2	2
16	Multifunctional Graphene-Based Wearable E-Textiles. <i>Proceedings (mdpi)</i> , 2021 , 68, 11	0.3	5
15	Graphene-Enabled Adaptive Infrared Textiles. <i>Nano Letters</i> , 2020 , 20, 5346-5352	11.5	39
14	Highly Conductive, Scalable, and Machine Washable Graphene-Based E-Textiles for Multifunctional Wearable Electronic Applications. <i>Advanced Functional Materials</i> , 2020 , 30, 2000293	15.6	106
13	Sustainable Personal Protective Clothing for Healthcare Applications: A Review. <i>ACS Nano</i> , 2020 , 14, 12313-12340	16.7	108
12	All Inkjet-Printed Graphene-Silver Composite Ink on Textiles for Highly Conductive Wearable Electronics Applications. <i>Scientific Reports</i> , 2019 , 9, 8035	4.9	87
11	Ultrahigh Performance of Nanoengineered Graphene-Based Natural Jute Fiber Composites. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21166-21176	9.5	56
10	A Graphene-Based Sleep Mask for Comfortable Wearable Eye Tracking. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 6693-6696	0.9	1
9	Engineering Graphene Flakes for Wearable Textile Sensors via Highly Scalable and Ultrafast Yarn Dyeing Technique. <i>ACS Nano</i> , 2019 , 13, 3847-3857	16.7	115

8	Graphene-based surface heater for de-icing applications.. <i>RSC Advances</i> , 2018 , 8, 16815-16823	3.7	75
7	Performance of graphene ECG electrodes under varying conditions. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 3813-3816	0.9	7
6	High-Performance Graphene-Based Natural Fiber Composites. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34502-34512	9.5	73
5	All inkjet-printed graphene-based conductive patterns for wearable e-textile applications. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11640-11648	7.1	150
4	Ultraflexible and robust graphene supercapacitors printed on textiles for wearable electronics applications. <i>2D Materials</i> , 2017 , 4, 035016	5.9	115
3	Scalable Production of Graphene-Based Wearable E-Textiles. <i>ACS Nano</i> , 2017 , 11, 12266-12275	16.7	196
2	Towards UV-curable inkjet printing of biodegradable poly (lactic acid) fabrics. <i>Journal of Materials Science</i> , 2015 , 50, 4576-4585	4.3	31
1	Surface chemical analysis of the effect of curing conditions on the properties of thermally-cured pigment printed poly (lactic acid) fabrics. <i>Dyes and Pigments</i> , 2014 , 103, 168-174	4.6	21