

# Nazmul Karim

## 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.

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	Scalable Production of Graphene-Based Wearable E-Textiles. <i>ACS Nano</i> , <b>2017</b> , 11, 12266-12275	16.7	196
24	All inkjet-printed graphene-based conductive patterns for wearable e-textile applications. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 11640-11648	7.1	150
23	Ultraflexible and robust graphene supercapacitors printed on textiles for wearable electronics applications. <i>2D Materials</i> , <b>2017</b> , 4, 035016	5.9	115
22	Engineering Graphene Flakes for Wearable Textile Sensors via Highly Scalable and Ultrafast Yarn Dyeing Technique. <i>ACS Nano</i> , <b>2019</b> , 13, 3847-3857	16.7	115
21	Sustainable Personal Protective Clothing for Healthcare Applications: A Review. <i>ACS Nano</i> , <b>2020</b> , 14, 12313-12340	16.7	108
20	Highly Conductive, Scalable, and Machine Washable Graphene-Based E-Textiles for Multifunctional Wearable Electronic Applications. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000293	15.6	106
19	All Inkjet-Printed Graphene-Silver Composite Ink on Textiles for Highly Conductive Wearable Electronics Applications. <i>Scientific Reports</i> , <b>2019</b> , 9, 8035	4.9	87
18	Graphene-based surface heater for de-icing applications.. <i>RSC Advances</i> , <b>2018</b> , 8, 16815-16823	3.7	75
17	High-Performance Graphene-Based Natural Fiber Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 34502-34512	9.5	73
16	Ultrahigh Performance of Nanoengineered Graphene-Based Natural Jute Fiber Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21166-21176	9.5	56
15	Graphene-Enabled Adaptive Infrared Textiles. <i>Nano Letters</i> , <b>2020</b> , 20, 5346-5352	11.5	39
14	Towards UV-curable inkjet printing of biodegradable poly (lactic acid) fabrics. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 4576-4585	4.3	31
13	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> , <b>2014</b> , 103, 168-174	4.6	21
12	Sustainable and Multifunctional Composites of Graphene-Based Natural Jute Fibers. <i>Advanced Sustainable Systems</i> , <b>2021</b> , 5, 2000228	5.9	19
11	Graphene-Based Technologies for Tackling COVID-19 and Future Pandemics.. <i>Advanced Functional Materials</i> , <b>2021</b> , 2107407	15.6	14
10	Fully printed and multifunctional graphene-based wearable e-textiles for personalized healthcare applications.. <i>IScience</i> , <b>2022</b> , 25, 103945	6.1	9
9	Enhancing the mechanical properties of natural jute yarn suitable for structural applications. <i>Materials Research Express</i> , <b>2021</b> , 8, 055503	1.7	8

8	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> , <b>2018</b> , 2018, 3813-3816	0.9	7
7	The effect of surface treatments and graphene-based modifications on mechanical properties of natural jute fiber composites: A review.. <i>IScience</i> , <b>2022</b> , 25, 103597	6.1	6
6	Environmental Impacts of Personal Protective Clothing Used to Combat COVID- 19.. <i>Advanced Sustainable Systems</i> , <b>2021</b> , 2100176	5.9	5
5	Flexible and Wearable Graphene-Based E-Textiles <b>2021</b> , 21-49		5
4	Multifunctional Graphene-Based Wearable E-Textiles. <i>Proceedings (mdpi)</i> , <b>2021</b> , 68, 11	0.3	5
3	Investigation into the effects of fillers in polymer processing. <i>International Journal of Lightweight Materials and Manufacture</i> , <b>2021</b> , 4, 370-382	2.2	2
2	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> , <b>2019</b> , 2019, 6693-6696	0.9	1
1	Three-dimensional composites with nearly isotropic negative Poisson's ratio by random inclusions: Experiments and finite element simulation. <i>Composites Science and Technology</i> , <b>2022</b> , 218, 109195	8.6	1