

Nazmul Karim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,211
citations

394286

19
h-index

677027

22
g-index

25
all docs

25
docs citations

25
times ranked

2289
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable Production of Graphene-Based Wearable E-Textiles. ACS Nano, 2017, 11, 12266-12275.	7.3	274
2	Sustainable Personal Protective Clothing for Healthcare Applications: A Review. ACS Nano, 2020, 14, 12313-12340.	7.3	252
3	All inkjet-printed graphene-based conductive patterns for wearable e-textile applications. Journal of Materials Chemistry C, 2017, 5, 11640-11648.	2.7	217
4	Highly Conductive, Scalable, and Machine Washable Graphene-Based E-Textiles for Multifunctional Wearable Electronic Applications. Advanced Functional Materials, 2020, 30, 2000293.	7.8	204
5	Engineering Graphene Flakes for Wearable Textile Sensors <i>via</i> Highly Scalable and Ultrafast Yarn Dyeing Technique. ACS Nano, 2019, 13, 3847-3857.	7.3	179
6	Ultraflexible and robust graphene supercapacitors printed on textiles for wearable electronics applications. 2D Materials, 2017, 4, 035016.	2.0	146
7	All Inkjet-Printed Graphene-Silver Composite Ink on Textiles for Highly Conductive Wearable Electronics Applications. Scientific Reports, 2019, 9, 8035.	1.6	141
8	High-Performance Graphene-Based Natural Fiber Composites. ACS Applied Materials & Interfaces, 2018, 10, 34502-34512.	4.0	116
9	Graphene-based surface heater for de-icing applications. RSC Advances, 2018, 8, 16815-16823.	1.7	112
10	Ultrahigh Performance of Nanoengineered Graphene-Based Natural Jute Fiber Composites. ACS Applied Materials & Interfaces, 2019, 11, 21166-21176.	4.0	106
11	Graphene-Enabled Adaptive Infrared Textiles. Nano Letters, 2020, 20, 5346-5352.	4.5	98
12	Sustainable and Multifunctional Composites of Graphene-Based Natural Jute Fibers. Advanced Sustainable Systems, 2021, 5, 2000228.	2.7	48
13	Environmental Impacts of Personal Protective Clothing Used to Combat COVID-19. Advanced Sustainable Systems, 2022, 6, 2100176.	2.7	48
14	Graphene-Based Technologies for Tackling COVID-19 and Future Pandemics. Advanced Functional Materials, 2021, 31, 2107407.	7.8	43
15	Fully printed and multifunctional graphene-based wearable e-textiles for personalized healthcare applications. IScience, 2022, 25, 103945.	1.9	40
16	Towards UV-curable inkjet printing of biodegradable poly (lactic acid) fabrics. Journal of Materials Science, 2015, 50, 4576-4585.	1.7	37
17	The effect of surface treatments and graphene-based modifications on mechanical properties of natural jute fiber composites: A review. IScience, 2022, 25, 103597.	1.9	36
18	Surface chemical analysis of the effect of curing conditions on the properties of thermally-cured pigment printed poly (lactic acid) fabrics. Dyes and Pigments, 2014, 103, 168-174.	2.0	25

#	ARTICLE	IF	CITATIONS
19	Investigation into the effects of fillers in polymer processing. International Journal of Lightweight Materials and Manufacture, 2021, 4, 370-382.	1.3	22
20	Enhancing the mechanical properties of natural jute yarn suitable for structural applications. Materials Research Express, 2021, 8, 055503.	0.8	16
21	Multifunctional Graphene-Based Wearable E-Textiles. Proceedings (mdpi), 2021, 68, .	0.2	11
22	Three-dimensional composites with nearly isotropic negative Poisson's ratio by random inclusions: Experiments and finite element simulation. Composites Science and Technology, 2022, 218, 109195.	3.8	11
23	Performance of graphene ECG electrodes under varying conditions. , 2018, 2018, 3813-3816.		9
24	A Graphene-Based Sleep Mask for Comfortable Wearable Eye Tracking. , 2019, 2019, 6693-6696.		6