Shaila Afroj

List of Publications by Year
in descending order

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17 papers	2,024 citations	516710 16 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	2185 citing authors

#	Article	IF	Citations
1	Scalable Production of Graphene-Based Wearable E-Textiles. ACS Nano, 2017, 11, 12266-12275.	14.6	274
2	Sustainable Personal Protective Clothing for Healthcare Applications: A Review. ACS Nano, 2020, 14, 12313-12340.	14.6	252
3	All inkjet-printed graphene-based conductive patterns for wearable e-textile applications. Journal of Materials Chemistry C, 2017, 5, 11640-11648.	5.5	217
4	Highly Conductive, Scalable, and Machine Washable Grapheneâ€Based Eâ€Textiles for Multifunctional Wearable Electronic Applications. Advanced Functional Materials, 2020, 30, 2000293.	14.9	204
5	Engineering Graphene Flakes for Wearable Textile Sensors via Highly Scalable and Ultrafast Yarn Dyeing Technique. ACS Nano, 2019, 13, 3847-3857.	14.6	179
6	Ultraflexible and robust graphene supercapacitors printed on textiles for wearable electronics applications. 2D Materials, 2017, 4, 035016.	4.4	146
7	All Inkjet-Printed Graphene-Silver Composite Ink on Textiles for Highly Conductive Wearable Electronics Applications. Scientific Reports, 2019, 9, 8035.	3.3	141
8	High-Performance Graphene-Based Natural Fiber Composites. ACS Applied Materials & Interfaces, 2018, 10, 34502-34512.	8.0	116
9	Graphene-based surface heater for de-icing applications. RSC Advances, 2018, 8, 16815-16823.	3.6	112
10	Ultrahigh Performance of Nanoengineered Graphene-Based Natural Jute Fiber Composites. ACS Applied Materials & Interfaces, 2019, 11, 21166-21176.	8.0	106
11	Sustainable and Multifunctional Composites of Grapheneâ€Based Natural Jute Fibers. Advanced Sustainable Systems, 2021, 5, 2000228.	5.3	48
12	Environmental Impacts of Personal Protective Clothing Used to Combat COVIDâ€19. Advanced Sustainable Systems, 2022, 6, 2100176.	5.3	48
13	Grapheneâ€Based Technologies for Tackling COVIDâ€19 and Future Pandemics. Advanced Functional Materials, 2021, 31, 2107407.	14.9	43
14	Fully printed and multifunctional graphene-based wearable e-textiles for personalized healthcare applications. IScience, 2022, 25, 103945.	4.1	40
15	Towards UV-curable inkjet printing of biodegradable poly (lactic acid) fabrics. Journal of Materials Science, 2015, 50, 4576-4585.	3.7	37
16	The effect of surface treatments and graphene-based modifications on mechanical properties of natural jute fiber composites: A review. IScience, 2022, 25, 103597.	4.1	36
17	Multifunctional Graphene-Based Wearable E-Textiles. Proceedings (mdpi), 2021, 68, .	0.2	11