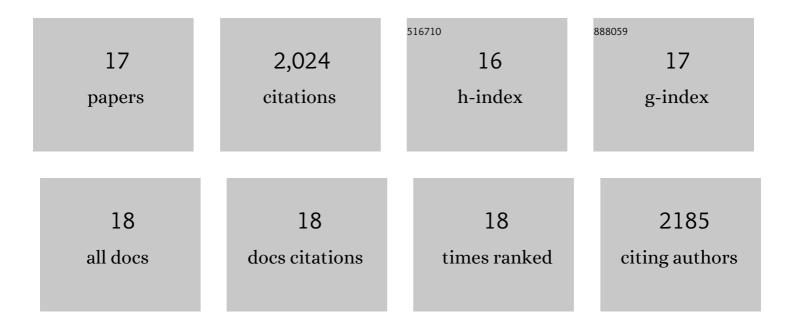
Shaila Afroj

List of Publications by Year in descending order

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#	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 <i>via</i> 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 COVID―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