

Anastasiia Mikhalchan

List of Publications by Year in descending order

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14
papers

468
citations

933447

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1058476

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docs citations

14
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoconformable, Flexible Lithium-Ion Batteries. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	5
2	Improved alignment and stress transfer in CNT fibre fabrics studied by in situ X-ray and Raman during wet-drawing. <i>Carbon</i> , 2022, 197, 368-377.	10.3	10
3	Composite Fabrics of Conformal MoS ₂ Grown on CNT Fibers: Tough Battery Anodes without Metals or Binders. <i>ACS Applied Energy Materials</i> , 2021, 4, 5668-5676.	5.1	12
4	Identification of Collapsed Carbon Nanotubes in High-Strength Fibers Spun from Compositionally Polydisperse Aerogels. <i>ACS Applied Nano Materials</i> , 2021, 4, 6947-6955.	5.0	6
5	Simultaneous improvements in conversion and properties of molecularly controlled CNT fibres. <i>Carbon</i> , 2021, 179, 417-424.	10.3	18
6	Understanding cooperative loading in carbon nanotube fibres through in-situ structural studies during stretching. <i>Carbon</i> , 2020, 156, 430-437.	10.3	18
7	Development of continuous CNT fibre-reinforced PMMA filaments for additive manufacturing: A case study by AFM-IR nanoscale imaging. <i>Materials Letters</i> , 2020, 262, 127182.	2.6	10
8	A Route to High-Toughness Battery Electrodes. <i>ACS Applied Energy Materials</i> , 2019, 2, 5889-5899.	5.1	17
9	A perspective on high-performance CNT fibres for structural composites. <i>Carbon</i> , 2019, 150, 191-215.	10.3	90
10	Revealing Chemical Heterogeneity of CNT Fiber Nanocomposites via Nanoscale Chemical Imaging. <i>Chemistry of Materials</i> , 2018, 30, 1856-1864.	6.7	17
11	Aligned carbon nanotube-epoxy composites: the effect of nanotube organization on strength, stiffness, and toughness. <i>Journal of Materials Science</i> , 2016, 51, 10005-10025.	3.7	64
12	Continuous Carbon Nanotube-Based Fibers and Films for Applications Requiring Enhanced Heat Dissipation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17461-17471.	8.0	70
13	Continuous and scalable fabrication and multifunctional properties of carbon nanotube aerogels from the floating catalyst method. <i>Carbon</i> , 2016, 102, 409-418.	10.3	65
14	Post-Treatments for Multifunctional Property Enhancement of Carbon Nanotube Fibers from the Floating Catalyst Method. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7948-7956.	8.0	66