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List of Publications by Year
in descending order

18	152	1163117 8	1281871 11
papers	citations	h-index	g-index

18	18	18	72
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of High-Quality Polyacrylonitrile Precursors for Carbon Fibers Through a High Drawing Ratio in the Coagulation Bath During a Dry-Jet Wet Spinning Process. Journal of Macromolecular Science - Physics, 2019, 58, 128-140.	1.0	17
2	Correlation between fibril structures and mechanical properties of polyacrylonitrile fibers during the dryâ€jet wet spinning process. Journal of Applied Polymer Science, 2019, 136, 47336.	2.6	17
3	Microfibril alignment induced by stretching fields during the dry-jet wet spinning process: Reinforcement on polyacrylonitrile fiber mechanical properties. Polymer Testing, 2020, 81, 106191.	4.8	16
4	Influencing factors and growth kinetics analysis of carbon nanotube growth on the surface of continuous fibers. Nanotechnology, 2021, 32, 285702.	2.6	14
5	Effect of spinning speed on microstructures and mechanical properties of polyacrylonitrile fibers and carbon fibers. Ceramics International, 2020, 46, 23059-23066.	4.8	13
6	Mesopores variation in polyacrylonitrile fibers during dry-jet wet spinning process. Iranian Polymer Journal (English Edition), 2019, 28, 259-269.	2.4	10
7	Force field in coagulation bath at low temperature induced microfibril evolution within PAN nascent fiber and precursor fiber. Journal of Applied Polymer Science, 2020, 137, 49380.	2.6	10
8	From Microfibrillar Network to Lamellae during the Coagulation Process of Polyacrylonitrile Fiber: Visualization of Intermediate Structure Evolution. Macromolecules, 2020, 53, 8663-8673.	4.8	8
9	Low-cost and facile synthesis of LAGP solid state electrolyte via a co-precipitation method. Applied Physics Letters, 2022, 121, 023904.	3.3	8
10	Giant and robust intrinsic spin Hall effects in metal dihydrides: A first-principles prediction. Physical Review B, 2021, 103, .	3.2	6
11	Study on the relationship between chemical structure transformation and morphological change of polyacrylonitrile based preoxidized fibers. European Polymer Journal, 2021, 159, 110742.	5.4	6
12	Fibril microstructural changes of polyacrylonitrile fibers during the post-spinning process. Colloid and Polymer Science, 2018, 296, 1307-1311.	2.1	5
13	Visualization of microfibrillar elements in crossâ€section of polyacrylonitrile fiber along the fiber spinning line. Microscopy Research and Technique, 2019, 82, 2026-2034.	2.2	5
14	New insight into structure-property correlation of polyacrylonitrile precursor fibers and resultant carbon fibers. Journal of Polymer Research, 2022, 29, .	2.4	5
15	Research on PAN Nascent Fiber Interior Microstructure through Ultrasonic Etching and Ultrathin Sectioning. Polymer Science - Series A, 2018, 60, 594-598.	1.0	4
16	Interior morphological feature of PAN nascent fibers and precursor fibers revealed by ultrathin section and solution etching. Polymer, 2022, 239, 124431.	3.8	4
17	Research on the multi-scale microstructure of polyacrylonitrile precursors prepared by a dry-jet wet spinning process. High Performance Polymers, 2019, 31, 662-670.	1.8	3
18	Effect of drying method on the microstructures and mechanical strength of polyacrylonitrile nascent fibers. Drying Technology, 2022, 40, 1329-1337.	3.1	1