

Jeffrey Luo

List of Publications by Year in descending order

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14
papers

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759233

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469
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of polyacrylonitrile fibers with carbon nanotubes. <i>Polymer Degradation and Stability</i> , 2021, 188, 109567.	5.8	3
2	Structure, properties, and applications of polyacrylonitrile/carbon nanotube (<scp>CNT</scp>) fibers at low <scp>CNT</scp> loading. <i>Polymer Engineering and Science</i> , 2020, 60, 2143-2151.	3.1	11
3	Determining the Orientation and Interfacial Stress Transfer of Boron Nitride Nanotube Composite Fibers for Reinforced Polymeric Materials. <i>ACS Applied Nano Materials</i> , 2019, 2, 6670-6676.	5.0	15
4	Carbon fibers from polyacrylonitrile/cellulose nanocrystal nanocomposite fibers. <i>Carbon</i> , 2019, 145, 764-771.	10.3	41
5	Polyacrylonitrile/boron nitride nanotubes composite precursor and carbon fibers. <i>Carbon</i> , 2019, 147, 419-426.	10.3	16
6	Stabilization Study of Polyacrylonitrile/Cellulose Nanocrystals Composite Fibers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1015-1021.	4.4	12
7	Cellulose nanocrystals effect on the stabilization of polyacrylonitrile composite films. <i>Carbon</i> , 2018, 134, 92-102.	10.3	18
8	Post-sulfonation of cellulose nanofibrils with a one-step reaction to improve dispersibility. <i>Carbohydrate Polymers</i> , 2018, 181, 247-255.	10.2	57
9	Orientation and interfacial stress transfer of cellulose nanocrystal nanocomposite fibers. <i>Polymer</i> , 2017, 110, 228-234.	3.8	31
10	Influence of high loading of cellulose nanocrystals in polyacrylonitrile composite films. <i>Cellulose</i> , 2017, 24, 1745-1758.	4.9	30
11	Structural and Functional Fibers. <i>Annual Review of Materials Research</i> , 2017, 47, 331-359.	9.3	62
12	Reinforcement efficiency of carbon nanotubes and their effect on crystal-crystal slip in poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.8	12
13	Ductile polyacrylonitrile fibers with high cellulose nanocrystals loading. <i>Polymer</i> , 2017, 122, 332-339.	3.8	20
14	Individually Dispersed Wood-Based Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5768-5771.	8.0	36