

Jeffrey Luo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

364
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Functional Fibers. Annual Review of Materials Research, 2017, 47, 331-359.	9.3	62
2	Post-sulfonation of cellulose nanofibrils with a one-step reaction to improve dispersibility. Carbohydrate Polymers, 2018, 181, 247-255.	10.2	57
3	Carbon fibers from polyacrylonitrile/cellulose nanocrystal nanocomposite fibers. Carbon, 2019, 145, 764-771.	10.3	41
4	Individually Dispersed Wood-Based Cellulose Nanocrystals. ACS Applied Materials & Interfaces, 2016, 8, 5768-5771.	8.0	36
5	Orientation and interfacial stress transfer of cellulose nanocrystal nanocomposite fibers. Polymer, 2017, 110, 228-234.	3.8	31
6	Influence of high loading of cellulose nanocrystals in polyacrylonitrile composite films. Cellulose, 2017, 24, 1745-1758.	4.9	30
7	Ductile polyacrylonitrile fibers with high cellulose nanocrystals loading. Polymer, 2017, 122, 332-339.	3.8	20
8	Cellulose nanocrystals effect on the stabilization of polyacrylonitrile composite films. Carbon, 2018, 134, 92-102.	10.3	18
9	Polyacrylonitrile/boron nitride nanotubes composite precursor and carbon fibers. Carbon, 2019, 147, 419-426.	10.3	16
10	Determining the Orientation and Interfacial Stress Transfer of Boron Nitride Nanotube Composite Fibers for Reinforced Polymeric Materials. ACS Applied Nano Materials, 2019, 2, 6670-6676.	5.0	15
11	Reinforcement efficiency of carbon nanotubes and their effect on crystal-crystal slip in poly(ether) Tj ETQq1 1 0.784314 rgBT/Overlook	7.8	12
12	Stabilization Study of Polyacrylonitrile/Cellulose Nanocrystals Composite Fibers. ACS Applied Polymer Materials, 2019, 1, 1015-1021.	4.4	12
13	Structure, properties, and applications of polyacrylonitrile/carbon nanotube (<scp>CNT</scp>) fibers at low <scp>CNT</scp> loading. Polymer Engineering and Science, 2020, 60, 2143-2151.	3.1	11
14	Stabilization of polyacrylonitrile fibers with carbon nanotubes. Polymer Degradation and Stability, 2021, 188, 109567.	5.8	3