

Ali Khodayari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1275725/publications.pdf>

Version: 2024-02-01

7
papers

127
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose-hemicellulose interactions - A nanoscale view. Carbohydrate Polymers, 2021, 270, 118364.	10.2	41
2	Effect of interfacial thermal resistance and nanolayer on estimates of effective thermal conductivity of nanofluids. Case Studies in Thermal Engineering, 2018, 12, 454-461.	5.7	25
3	Tensile behaviour of dislocated/crystalline cellulose fibrils at the nano scale. Carbohydrate Polymers, 2020, 235, 115946.	10.2	16
4	Recrystallization and size distribution of dislocated segments in cellulose microfibrilsâ€™a molecular dynamics perspective. Cellulose, 2021, 28, 6007.	4.9	15
5	Sliding Dynamics of Parallel Graphene Sheets: Effect of Geometry and Van Der Waals Interactions on Nano-Spring Behavior. Crystals, 2018, 8, 149.	2.2	14
6	Inverse rule of mixtures at the nanoscale: Prediction of elastic properties of cellulose nanofibrils. Composites Part A: Applied Science and Manufacturing, 2020, 138, 106046.	7.6	12
7	Cellulose Nanocrystals: Tensile Strength and Failure Mechanisms Revealed Using Reactive Molecular Dynamics. Biomacromolecules, 2022, 23, 2243-2254.	5.4	4