

Ali Khodayari

List of Publications by Year in descending order

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1478505

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1720034

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citing authors

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