

Jinjin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

133
citations

1683934
5
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1588896
8
g-index

8
all docs

8
docs citations

8
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of short- and medium-range order in the melt-quenching amorphization of $\text{Ge}_{20}\text{Sb}_{20}\text{Te}_{50}$. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5001-5011.	2.7	38
2	Structural signature and transition dynamics of $\text{Sb}_{20}\text{Te}_{30}$ melt upon fast cooling. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11768-11775.	1.3	33
3	A deep learning interatomic potential developed for atomistic simulation of carbon materials. <i>Carbon</i> , 2022, 186, 1-8.	5.4	25
4	A first-principles study of the electrically tunable band gap in few-layer penta-graphene. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18110-18116.	1.3	14
5	Electric Field-Tunable Structural Phase Transitions in Monolayer Tellurium. <i>ACS Omega</i> , 2020, 5, 18213-18217.	1.6	11
6	Luminescence mechanism in hydrogenated silicon quantum dots with a single oxygen ligand. <i>Nanoscale Advances</i> , 2021, 3, 2245-2251.	2.2	5
7	Temperature dependence of structural, dynamical, and electronic properties of amorphous $\text{Bi}_{20}\text{Te}_{30}$: an ab initio study. <i>New Journal of Physics</i> , 2019, 21, 093062.	1.2	4
8	Optical Properties and Local Structure Evolution during Crystallization of $\text{Ga}_{16}\text{Sb}_{84}$ Alloy. <i>Scientific Reports</i> , 2018, 8, 9605.	1.6	3