

Artur Tamm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8952199/publications.pdf>

Version: 2024-02-01

14
papers

460
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Zr-Nb-Fe(-Cr) precipitates in Zr-based alloys using density functional theory. <i>Materials Today Communications</i> , 2022, 31, 103381.	1.9	2
2	Role of electrons in collision cascades in solids. I. Dissipative model. <i>Physical Review B</i> , 2019, 99, .	3.2	11
3	Role of electrons in collision cascades in solids. II. Molecular dynamics. <i>Physical Review B</i> , 2019, 99, .	3.2	14
4	Langevin Dynamics with Spatial Correlations as a Model for Electron-Phonon Coupling. <i>Physical Review Letters</i> , 2018, 120, 185501.	7.8	40
5	On the local density dependence of electronic stopping of ions in solids. <i>Journal of Nuclear Materials</i> , 2018, 507, 258-266.	2.7	15
6	Vacancies at the Cu-Nb semicoherent interface. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2017, 25, 025012.	2.0	5
7	Accurate classical short-range forces for the study of collision cascades in Fe-Ni-Cr. <i>Computer Physics Communications</i> , 2017, 219, 11-19.	7.5	39
8	Impact of Short-Range Forces on Defect Production from High-Energy Collisions. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 2871-2879.	5.3	49
9	Electron-phonon interaction within classical molecular dynamics. <i>Physical Review B</i> , 2016, 94, .	3.2	14
10	Adequacy of damped dynamics to represent the electron-phonon interaction in solids. <i>Physical Review B</i> , 2015, 92, .	3.2	26
11	Atomic-scale properties of Ni-based FCC ternary, and quaternary alloys. <i>Acta Materialia</i> , 2015, 99, 307-312.	7.9	159
12	Molecular dynamics study of xenon on an amorphous Al ₂ O ₃ surface. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 759, 10-15.	1.6	4
13	First-principles study of point defects at a semicoherent interface. <i>Scientific Reports</i> , 2014, 4, 7567.	3.3	11
14	Measurement of collisional quenching rate of nitrogen states N ₂ (C ³⁺ Î _u , v = 0) and. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 385202.	2.8	71