

Tom L Underwood

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

167
citations

1937685
4
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1281871
11
g-index

12
all docs

12
docs citations

12
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an interatomic potential for the simulation of defects, plasticity, and phase transformations in titanium. <i>Journal of Chemical Physics</i> , 2016, 145, 154102.	3.0	122
2	DL_MONTE: a multipurpose code for Monte Carlo simulation. <i>Molecular Simulation</i> , 2021, 47, 131-151.	2.0	19
3	Charge models for electron spectroscopy of disordered alloys. <i>Physical Review B</i> , 2009, 79, .	3.2	7
4	monteswitch : A package for evaluating solid free energy differences via lattice-switch Monte Carlo. <i>Computer Physics Communications</i> , 2017, 215, 204-222.	7.5	5
5	Lattice-switch Monte Carlo: the fcc bcc problem. <i>Journal of Physics: Conference Series</i> , 2015, 640, 012030.	0.4	3
6	Phase behavior of the quantum Lennard-Jones solid. <i>Journal of Chemical Physics</i> , 2020, 153, 074502.	3.0	3
7	Probing atomic environments in alloys by electron spectroscopy. <i>Physical Review B</i> , 2014, 90, .	3.2	2
8	A simple non-parametric method for resolving merged doublet lines: insights into complex kinematics and outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3782-3793.	4.4	2
9	Equilibrium phases and domain growth kinetics of calamitic liquid crystals. <i>Physical Review E</i> , 2022, 105, 024706.	2.1	2
10	Core level broadening at the surfaces of disordered systems. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 181, 220-224.	1.7	1
11	Lattice charge models and core level shifts in disordered alloys. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 435502.	1.8	1
12	Discrepancies in Natsal. <i>Lancet, The</i> , 2014, 383, 865-866.	13.7	0