Yi Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1766860/publications.pdf

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10	60	1937685 4	1588992 8
papers	citations	h-index	g-index

10	10	10	57
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine-learning interatomic potential for radiation damage effects in bcc-iron. Computational Materials Science, 2022, 202, 110960.	3.0	9
2	Development of an angular-dependent potential for radiation damage study in Fe-Si solutions. Journal of Nuclear Materials, 2021, 545, 152643.	2.7	3
3	Development of a machine learning potential for the study of crack propagation in titanium. International Journal of Pressure Vessels and Piping, 2021, 194, 104514.	2.6	4
4	Comparison of interatomic potentials on crack propagation properties in bcc iron. International Journal of Pressure Vessels and Piping, 2021, 194, 104524.	2.6	2
5	An Incremental Model for Defect Production upon Cascade Overlapping. Chinese Physics Letters, 2020, 37, 016103.	3.3	1
6	Ab initio based modeling of interfacial segregation at Cu-rich precipitates in Feâ€“Cuâ€“Ni alloys. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 32-36.	1.4	1
7	Atomistic simulation of interactions between an edge dislocation and Cu precipitates with different chemical compositions in Î±-Fe. Nuclear Instruments & Methods in Physics Research B, 2019, 458, 39-43.	1.4	5
8	Atomistic simulation of shear-coupled motion of [1â€¯1â€¯0] symmetric tilt grain boundary in Î±-iron. Computational Materials Science, 2018, 148, 141-148.	3.0	11
9	The magnetic effects on the energetic landscape of Fe-Cu alloy: A model Hamiltonian approach. Computational Materials Science, 2018, 145, 163-173.	3.0	4
10	Precipitation kinetics in binary Feâ€“Cu and ternary Feâ€“Cuâ€“Ni alloys via kMC method. Progress in Natural Science: Materials International, 2017, 27, 460-466.	4.4	20