

Daniel Utt

List of Publications by Year in descending order

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9
papers

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citations

1039406
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all docs

9
docs citations

9
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid solution hardening in CrMnFeCoNi-based high entropy alloy systems studied by a combinatorial approach. Journal of Materials Research, 2021, 36, 2558-2570.	1.2	10
2	Grain boundary structure and mobility in high-entropy alloys: A comparative molecular dynamics study on a $\{111\}$ symmetrical tilt grain boundary in face-centered cubic CuNiCoFe. Acta Materialia, 2020, 186, 11-19.	3.8	66
3	Origins of strength and plasticity in the precious metal based high-entropy alloy AuCuNiPdPt. Acta Materialia, 2020, 185, 400-411.	3.8	30
4	The effect of solute cloud formation on the second order pyramidal to basal transition of $\langle \mathit{a} \mathit{c} \rangle$ edge dislocations in Breakdown of Varvenne scaling in (AuNiPdPt). $\langle \mathit{a} \mathit{c} \rangle$ edge dislocations in	2.6	11
5	Breakdown of Varvenne scaling in (AuNiPdPt). $\langle \mathit{a} \mathit{c} \rangle$ edge dislocations in high-entropy alloys. Scripta Materialia, 2020, 181, 15-18.	2.6	17
6	Experimental and theoretical study of tracer diffusion in a series of (CoCrFeMn)Ni alloys. Acta Materialia, 2020, 194, 236-248.	3.8	28
7	Radiation stability of nanocrystalline single-phase multicomponent alloys. Journal of Materials Research, 2019, 34, 854-866.	1.2	9
8	Flat electronic bands in long sequences of rhombohedral-stacked graphene. Physical Review B, 2018, 97, .	1.1	46
9	Local segregation versus irradiation effects in high-entropy alloys: Steady-state conditions in a driven system. Journal of Applied Physics, 2017, 122, .	1.1	61