

Daniel Utt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7200263/publications.pdf>

Version: 2024-02-01

9
papers

278
citations

1039406

9
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Flat electronic bands in long sequences of rhombohedral-stacked graphene. Physical Review B, 2018, 97, .	1.1	46
4	Origins of strength and plasticity in the precious metal based high-entropy alloy AuCuNiPdPt. Acta Materialia, 2020, 185, 400-411.	3.8	30
5	Experimental and theoretical study of tracer diffusion in a series of (CoCrFeMn) _{100-x} Ni _x alloys. Acta Materialia, 2020, 194, 236-248.	3.8	28
6	Breakdown of Varvenne scaling in (AuNiPdPt) _{100-x} Cu _x high-entropy alloys. Scripta Materialia, 2020, 181, 15-18. pyramidal to basal transition of ϵ-Cu	2.6	17
7	pyramidal to basal transition of ϵ-Cu edge dislocations in Mg-Y solid solutions. Scripta Materialia, 2020, 182, 53-56.	2.6	11
8	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
9	Radiation stability of nanocrystalline single-phase multicomponent alloys. Journal of Materials Research, 2019, 34, 854-866.	1.2	9