

Shaofei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

206
citations

1162889

8
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystalâ€“Glass Highâ€“Entropy Nanocomposites with Near Theoretical Compressive Strength and Large Deformability. <i>Advanced Materials</i> , 2020, 32, e2002619.	11.1	66
2	Diffusion controlled helium bubble formation resistance of FeCoNiCr high-entropy alloy in the half-melting temperature regime. <i>Journal of Nuclear Materials</i> , 2019, 526, 151747.	1.3	40
3	Effect of silicon addition on the microstructures, mechanical properties and helium irradiation resistance of NiCoCr-based medium-entropy alloys. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156162.	2.8	30
4	Effects of minor alloying addition on He bubble formation in the irradiated FeCoNiCr-based high-entropy alloys. <i>Journal of Nuclear Materials</i> , 2020, 542, 152458.	1.3	15
5	A precipitation-strengthened high-entropy alloy for additive manufacturing. <i>Additive Manufacturing</i> , 2020, 35, 101410.	1.7	15
6	The stability of Fe_3C precipitates in a multi-component FeCoNiCrTi0.2 alloy under elevated-temperature irradiation. <i>Journal of Nuclear Materials</i> , 2020, 540, 152364.	1.3	12
7	Effects of stacking fault energy on the deformation behavior of CoNiCrFeMn high-entropy alloys: A molecular dynamics study. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	10
8	Effects of temperature on helium cavity evolution in single-phase concentrated solid-solution alloys. <i>Journal of Nuclear Materials</i> , 2021, 557, 153261.	1.3	8
9	Interaction between recrystallization and helium behavior in cold-rolled nickel. <i>Materials Letters</i> , 2019, 250, 68-71.	1.3	6
10	Temperature-dependent helium induced microstructural evolution in equiatomic NiCo and NiFe concentrated solid solution alloys. <i>Journal of Nuclear Materials</i> , 2021, 545, 152715.	1.3	4