

Mike Schneider

List of Publications by Year in descending order

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papers

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citations

1162889

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times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of temperature on mechanical properties and deformation mechanisms of the equiatomic CrFeNi medium-entropy alloy. <i>Acta Materialia</i> , 2021, 204, 116470.	3.8	124
2	Superior low-cycle fatigue properties of CoCrNi compared to CoCrFeMnNi. <i>Scripta Materialia</i> , 2021, 194, 113667.	2.6	66
3	Effect of Temperature and Texture on Hall-Petch Strengthening by Grain and Annealing Twin Boundaries in the MnFeNi Medium-Entropy Alloy. <i>Metals</i> , 2019, 9, 84.	1.0	42
4	High-Temperature Oxidation in Dry and Humid Atmospheres of the Equiatomic CrMnFeCoNi and CrCoNi High- and Medium-Entropy Alloys. <i>Oxidation of Metals</i> , 2021, 95, 105-133.	1.0	34
5	Welding of high-entropy alloys and compositionally complex alloys—an overview. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 1645-1659.	1.3	29
6	Plasticity induced by nanoindentation in a CrCoNi medium-entropy alloy studied by accurate electron channeling contrast imaging revealing dislocation-low angle grain boundary interactions. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 817, 141364.	2.6	14
7	Influence of machining on the surface integrity of high- and medium-entropy alloys. <i>Materials Chemistry and Physics</i> , 2022, 275, 125271.	2.0	14
8	Crystallographic Analysis of Plate and Lath Martensite in Fe-Ni Alloys. <i>Crystals</i> , 2022, 12, 156.	1.0	10
9	Elevated-temperature cyclic deformation mechanisms of CoCrNi in comparison to CoCrFeMnNi. <i>Scripta Materialia</i> , 2022, 220, 114926.	2.6	10
10	Data compilation regarding the effects of grain size and temperature on the strength of the single-phase FCC CrFeNi medium-entropy alloy. <i>Data in Brief</i> , 2021, 34, 106712.	0.5	6
11	Data compilation on the effect of grain size, temperature, and texture on the strength of a single-phase FCC MnFeNi medium-entropy alloy. <i>Data in Brief</i> , 2020, 28, 104807.	0.5	3