

Rajeshwar R Eleti

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

478
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1307594

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#	ARTICLE	IF	CITATIONS
1	Unique deformation behavior and microstructure evolution in high temperature processing of HfNbTaTiZr refractory high entropy alloy. <i>Acta Materialia</i> , 2019, 171, 132-145.	7.9	128
2	Hot deformation behavior of CoCrFeMnNi FCC high entropy alloy. <i>Materials Chemistry and Physics</i> , 2018, 210, 176-186.	4.0	119
3	Unique high-temperature deformation dominated by grain boundary sliding in heterogeneous necklace structure formed by dynamic recrystallization in HfNbTaTiZr BCC refractory high entropy alloy. <i>Acta Materialia</i> , 2020, 183, 64-77.	7.9	104
4	Plastic deformation of solid-solution strengthened Hf-Nb-Ta-Ti-Zr body-centered cubic medium/high-entropy alloys. <i>Scripta Materialia</i> , 2021, 200, 113927.	5.2	43
5	Mechanical behavior and thermal activation analysis of HfNbTaTiZr body-centered cubic high-entropy alloy during tensile deformation at 77ÅK. <i>Scripta Materialia</i> , 2020, 188, 118-123.	5.2	32
6	Exceptionally high strain-hardening and ductility due to transformation induced plasticity effect in Ti-rich high-entropy alloys. <i>Scientific Reports</i> , 2020, 10, 13293.	3.3	29
7	Cross-kink unpinning controls the medium- to high-temperature strength of body-centered cubic NbTiZr medium-entropy alloy. <i>Scripta Materialia</i> , 2022, 209, 114367.	5.2	23