Vishal Soni

List of Publications by Year
in descending order

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12	850	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystallographic and Compositional Evolution of Ordered B2 and Disordered BCC Phases During Isothermal Annealing of Refractory High-Entropy Alloys. Microscopy and Microanalysis, 2023, 29, 303-313.	0.4	4
2	Highly tunable magnetic and mechanical properties in an Al0.3CoFeNi complex concentrated alloy. Materialia, 2020, 12, 100755.	2.7	17
3	Hierarchical Eutectoid Nano-lamellar Decomposition in an Al0.3CoFeNi Complex Concentrated Alloy. Scientific Reports, 2020, 10, 4836.	3.3	27
4	Refractory high entropy superalloys (RSAs). Scripta Materialia, 2020, 187, 445-452.	5.2	111
5	Influence of non-magnetic Cu on enhancing the low temperature magnetic properties and Curie temperature of FeCoNiCrCu(x) high entropy alloys. Scripta Materialia, 2020, 182, 99-103.	5.2	40
6	Influence of ordered L12 precipitation on strain-rate dependent mechanical behavior in a eutectic high entropy alloy. Scientific Reports, 2019, 9, 6371.	3.3	59
7	Role of copper on L12 precipitation strengthened fcc based high entropy alloy. Materialia, 2019, 6, 100282.	2.7	31
8	Contrasting mechanical behavior in precipitation hardenable AlXCoCrFeNi high entropy alloy microstructures: Single phase FCC vs. dual phase FCC-BCC. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 739, 158-166.	5.6	97
9	Phase stability as a function of temperature in a refractory high-entropy alloy. Journal of Materials Research, 2018, 33, 3235-3246.	2.6	80
10	Optimizing the coupled effects of Hall-Petch and precipitation strengthening in a Al 0.3 CoCrFeNi high entropy alloy. Materials and Design, 2017, 121, 254-260.	7.0	287
11	A Combinatorial Approach for Assessing the Magnetic Properties of High Entropy Alloys: Role of Cr in AlCo_xCr_{1â€“x}FeNi. Advanced Engineering Materials, 2017, 19, 1700048.	3.5	95
12	Designing and characterizing a complex concentrated gamma/gamma prime â€˜superalloyâ€™. Microscopy and Microanalysis, 2016, 22, 672-673.	0.4	2