

Mohan Muralikrishna G

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evolution of phase constitution with mechanical alloying and spark plasma sintering of nanocrystalline Al _x CoCrFeNi (x = 0, 0.3, 0.6, 1) high-entropy alloys. <i>Journal of Materials Research</i> , 2022, 37, 959-975.	2.6	11
2	Tracer diffusion in the β' phase of the CoCrFeMnNi system. <i>Acta Materialia</i> , 2021, 203, 116498.	7.9	24
3	Composition dependence of tracer diffusion coefficients in Fe-Ca alloys: A case study by a tracer-diffusion couple method. <i>Acta Materialia</i> , 2021, 203, 116446.	7.9	16
4	Interface-Driven Thermoelectric Switching Performance of VO + Diffused Soda-Lime Glass. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100077.	2.4	0
5	Tracer diffusion in ordered pseudo-binary multicomponent aluminides. <i>Scripta Materialia</i> , 2020, 178, 227-231.	5.2	10
6	Atomic transport in B2-ordered Al(Fe,Ni) alloys: Tracer-interdiffusion couple approach. <i>Intermetallics</i> , 2020, 126, 106920.	3.9	8
7	Visualisation of stabilising particles at the gas-solid interface of metal foams. <i>Materials Letters</i> , 2020, 278, 128371.	2.6	4
8	Novel Multicomponent B2-Ordered Aluminides: Compositional Design, Synthesis, Characterization, and Thermal Stability. <i>Metals</i> , 2020, 10, 1411.	2.3	15
9	Double shadow masking sample preparation method for in-situ TEM characterization. <i>Nano Select</i> , 2020, 1, 413-418.	3.7	1
10	Influence of Al content on thermal stability of nanocrystalline Al _x CoCrFeNi high entropy alloys at low and intermediate temperatures. <i>Advanced Powder Technology</i> , 2020, 31, 1985-1993.	4.1	37
11	Influence of mechanically activated annealing on phase evolution in Al _{0.3} CoCrFeNi high-entropy alloy. <i>Journal of Materials Science</i> , 2019, 54, 14588-14598.	3.7	20
12	High-entropy alloys by mechanical alloying: A review. <i>Journal of Materials Research</i> , 2019, 34, 664-686.	2.6	258
13	Tuning the optical and thermoelectric properties of SrTi _{0.8-x} Sn _{0.2} FexO ₃ . <i>Materials Research Express</i> , 2019, 6, 045905.	1.6	4
14	Microstructure and doping effect on the enhancement of the thermoelectric properties of Ni doped Dy filled CoSb ₃ skutterudites. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2687-2697.	4.9	40
15	Preparation of nanocrystalline nickel oxide from nickel hydroxide using spark plasma sintering and inverse Hall-Petch related densification. <i>Ceramics International</i> , 2018, 44, 15019-15023.	4.8	5
16	Experimental assessment of the thermodynamic factor for diffusion in CoCrFeNi and CoCrFeMnNi high entropy alloys. <i>Scripta Materialia</i> , 2018, 157, 81-85.	5.2	38
17	Tracer Diffusion in the β' -Phase of the CrMnFeCoNi System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0