

Murugesan Annasamy

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

264
citations

1307366

7
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	On the pitting behaviour of laser powder bed fusion prepared 316L stainless steel upon post-processing heat treatments. <i>Corrosion Science</i> , 2022, 197, 110060.	3.0	27
2	Evolution of phase constitution with mechanical alloying and spark plasma sintering of nanocrystalline Al _x CoCrFeNi (x=0, 0.3, 0.6, 1Åmol) high-entropy alloys. <i>Journal of Materials Research</i> , 2022, 37, 959-975.	1.2	11
3	Nanoparticle-mediated ultra grain refinement and reinforcement in additively manufactured titanium alloys. <i>Additive Manufacturing</i> , 2021, 46, 102173.	1.7	8
4	The effect of heat treatment on the abrasive and erosive wear behaviour of laser metal deposited Fe-28Cr-2.7C alloy. <i>Wear</i> , 2020, 458-459, 203410.	1.5	8
5	The effect of pre-heat temperature on the microstructure and abrasive wear properties of laser metal deposited near-eutectic Fe-28Cr-2.9C alloy. <i>Journal of Laser Applications</i> , 2020, 32, .	0.8	3
6	Dynamic recrystallization in Al _x CoCrFeNi duplex high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154720.	2.8	28
7	Microstructure, abrasive wear and corrosion characterisation of laser metal deposited Fe-30Cr-6Mo-10Ni-2.2C alloy. <i>Wear</i> , 2019, 438-439, 203070.	1.5	14
8	Static recrystallization and grain growth behaviour of Al _{0.3} CoCrFeNi high entropy alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 754, 282-294.	2.6	81
9	Dynamic recrystallization behaviour of Al _x CoCrFeNi high entropy alloys during high-temperature plane strain compression. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 745, 90-106.	2.6	71
10	Microstructure and Mechanical Property of Fe-Al ₂ O ₃ Nanocomposites Synthesized by Reactive Milling Followed by Spark Plasma Sintering. <i>Materials Science Forum</i> , 0, 710, 291-296.	0.3	13