

Mohammad Shahmiri

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

217
citations

1651377

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h-index

1762888

8
g-index

8
all docs

8
docs citations

8
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of Dynamically Formed Oxide Films in Al-Zn Melt. International Journal of Metalcasting, 2021, 15, 747-762.	1.5	5
2	Effect of SIMA Process on Microstructure and Wear Behavior of Al-Mg ₂ Si-3% Ni Composite. Metallography, Microstructure, and Analysis, 2019, 8, 109-117.	0.5	3
3	A new model for the solidification of metal matrix nanocomposites: Wet cluster engulfment of nanoparticles by the solidification front. Journal of Composite Materials, 2017, 51, 2913-2932.	1.2	7
4	The effect of alumina content on the structural properties of ZrO ₂ -Al ₂ O ₃ unstabilized composite nanopowders. International Journal of Industrial Chemistry, 2012, 3, 17.	3.1	20
5	A comparative study of heat treatment temperature influence on the thickness of zirconia sol-gel thin films by three different techniques: SWE, SEM and AFM. Surface and Coatings Technology, 2012, 206, 3809-3815.	2.2	17
6	Coarsening of equiaxed microstructure in the semisolid state of aluminum 7075 alloy through SIMA processing. Journal of Materials Science, 2012, 47, 3544-3553.	1.7	57
7	Study on the effects of the compression ratio and mushy zone heating on the thixotropic microstructure of AA 7075 aluminum alloy via SIMA process. Journal of Alloys and Compounds, 2011, 509, 402-408.	2.8	70
8	Investigation of structural evolution and electrochemical behaviour of zirconia thin films on the 316L stainless steel substrate formed via sol-gel process. Surface and Coatings Technology, 2011, 205, 5109-5115.	2.2	38