

Reza Ghiaasiaan

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

208
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative metallography of precipitating and secondary phases after strengthening treatment of net shaped casting of Al-Zn-Mg-Cu (7000) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 698, 206-217.	5.6	62
2	Controlled Diffusion Solidification (CDS) of Al-Zn-Mg-Cu (7050): Microstructure, heat treatment and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 594, 260-277.	5.6	57
3	Superior tensile properties of Hastelloy X enabled by additive manufacturing. <i>Materials Research Letters</i> , 2021, 9, 308-314.	8.7	31
4	Structure-property models in Al-Zn-Mg-Cu alloys: A critical experimental assessment of shape castings. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 733, 235-245.	5.6	27
5	Effect of Alloy Composition on Microstructure and Tensile Properties of Net-Shaped Castings of Al-Zn-Mg-Cu Alloys. <i>International Journal of Metalcasting</i> , 2019, 13, 300-310.	1.9	14
6	Microstructure, Intermetallic Phases, and Fractography of the Cast Al-5.8Zn-2.2Mg-2.5Cu Alloy by Controlled Diffusion Solidification. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 4711-4726.	2.2	7
7	High Temperature Tensile and Fatigue Behaviors of Additively Manufactured IN625 and IN718. <i>Procedia Structural Integrity</i> , 2022, 38, 581-587.	0.8	6