

Andrew D Klarner

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

176
citations

1684188

5
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and modeling of concurrent precipitation in Mg-Al-Sn alloys using an improved Kampmann-Wagner numerical (KWN) model. <i>Materialia</i> , 2022, 21, 101348.	2.7	10
2	Predicting and controlling interfacial microstructure of magnesium/aluminum bimetallic structures for improved interfacial bonding. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 578-586.	11.9	37
3	The Effects of Silicon Addition on the Microstructure and Mechanical Properties of a Mg-Al-Sn Alloy Produced by Vacuum Assisted High Pressure Die Casting. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 1522-1533.	2.2	8
4	Interphase boundary segregation of silver and enhanced precipitation of Mg ₁₇ Al ₁₂ Phase in a Mg-Al-Sn-Ag alloy. <i>Scripta Materialia</i> , 2018, 154, 192-196.	5.2	49
5	Microstructural, mechanical and corrosion characteristics of heat-treated Mg-1.2Zn-0.5Ca (wt%) alloy for use as resorbable bone fixation material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 69, 203-212.	3.1	70
6	The Effect of Heat-Treatment on Mechanical, Microstructural, and Corrosion Characteristics of a Magnesium Alloy With Potential Application in Resorbable Bone Fixation Hardware. , 2016, , .		2