

R Sarvesha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10579419/publications.pdf>

Version: 2024-02-01

18
papers

251
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioresorbable magnesium-based alloys containing strontium doped nanohydroxyapatite promotes bone healing in critical sized bone defect in rat femur shaft. Journal of Magnesium and Alloys, 2023, 11, 270-286.	11.9	6
2	Revealing the Precipitation Sequence with Aging Temperature in a Non-equiatomic AlCoCrFeNi High Entropy Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 314-321.	2.2	15
3	Influence of pre-deformation on the precipitation characteristics of aged non-equiatomic Co _{1.5} CrFeNi _{1.5} high entropy alloys with Ti and Al additions. Journal of Alloys and Compounds, 2021, 855, 157521.	5.5	29
4	2D and 3D characteristics of intermetallic particles and their role in fracture response of AZ91 magnesium alloy. Materials Characterization, 2021, 171, 110733.	4.4	9
5	In-situ studies on deformation and fracture characteristics of AZ91 Mg alloy. Materialia, 2021, 18, 101177.	2.7	8
6	A study on the phase transformation of $\text{Al}_{0.003}\text{Mg}$ during solutionizing in AZ91 alloy. Journal of Alloys and Compounds, 2021, 873, 159836.	5.5	14
7	Role of Second-Phase Particles on In Situ Deformation of an AZ80 Mg Alloy. Springer Proceedings in Materials, 2021, , 55-64.	0.3	0
8	Aging temperature role on precipitation hardening in a non-equiatomic AlCoCrFeNiTi high-entropy alloy. Materials Science and Technology, 2021, 37, 1270-1279.	1.6	6
9	Effect of crystal orientation on indentation-induced deformation behavior of zinc. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 776, 139064.	5.6	9
10	Mechanical property evaluation of second phase particles in a Mg-8Al-0.5Zn alloy using micropillar compression. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 775, 138973.	5.6	19
11	Enhanced age hardening effects in FCC based Co _{1.5} CrFeNi _{1.5} high entropy alloys with varying Ti and Al contents. Materialia, 2020, 13, 100823.	2.7	14
12	Study of Static Recrystallization Behavior of a Mg-6Al-3Sn Alloy. Journal of Materials Engineering and Performance, 2019, 28, 3468-3477.	2.5	7
13	Quantitative assessment of second phase particles characteristics and its role on the deformation response of a Mg-8Al-0.5Zn alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 759, 368-379.	5.6	35
14	A novel approach to refine surface grains in pure zinc using indentation scratch. Materials Letters, 2019, 247, 151-154.	2.6	6
15	Dissolution Kinetics of Mg ₁₇ Al ₁₂ Eutectic Phase and Its Effect on Corrosion Behavior of As-Cast AZ80 Magnesium Alloy. Jom, 2019, 71, 2209-2218.	1.9	28
16	Effect of Grain Orientation on Indentation Induced Creep in Pure Zinc. Journal of Engineering Materials and Technology, Transactions of the ASME, 2019, 141, .	1.4	2
17	Effect of heat treatment variables on the formation of precipitate free zones (PFZs) in Mg-8Al-0.5Zn alloy. Materials Characterization, 2018, 136, 175-182.	4.4	42
18	An Innovative Process for Synthesizing Mg-Al Alloy-Based Composites. Metallography, Microstructure, and Analysis, 0, , .	1.0	2