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List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1163117

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1474206

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9
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292
citing authors

#	ARTICLE	IF	CITATIONS
1	Constitutive analysis of wrought Mg-Gd magnesium alloys during hot compression at elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2019, 791, 1200-1206.	5.5	72
2	Enhanced Ductility of a Fine-Grained Mg-Gd-Al-Zn Magnesium Alloy by Hot Extrusion. <i>Advanced Engineering Materials</i> , 2018, 20, 1701171.	3.5	70
3	Hot deformation behavior of an extruded AZ31 alloy doped with rare-earth elements. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156961.	5.5	32
4	Mechanical behavior of a compositionally graded 300M steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 578, 140-149.	5.6	23
5	An efficient computational technique for modeling dislocation-precipitate interactions within dislocation dynamics. <i>Computational Materials Science</i> , 2016, 122, 281-287.	3.0	22
6	Dislocation-precipitate interaction map. <i>Computational Materials Science</i> , 2018, 141, 153-161.	3.0	21
7	XFEM-dislocation dynamics multi-scale modeling of plasticity and fracture. <i>Computational Materials Science</i> , 2015, 104, 98-107.	3.0	19
8	Effect of Gd on Dynamic Recrystallization Behavior of Magnesium During Hot Compression. <i>Metals and Materials International</i> , 2021, 27, 843-850.	3.4	17
9	Melting of graphene supported Pd-Pt core-shell nanoparticles: A molecular dynamics study. <i>Computational Materials Science</i> , 2018, 151, 132-143.	3.0	6