

Soundarya Srinivasan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

150
citations

1163117

8
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental and modeling investigation of tensile creep resistance of a stable nanocrystalline alloy. <i>Acta Materialia</i> , 2020, 199, 141-154.	7.9	25
2	Radiation tolerance and microstructural changes of nanocrystalline Cu-Ta alloy to high dose self-ion irradiation. <i>Acta Materialia</i> , 2020, 195, 621-630.	7.9	24
3	Thermo-mechanical strengthening mechanisms in a stable nanocrystalline binary alloy – A combined experimental and modeling study. <i>Materials and Design</i> , 2019, 163, 107551.	7.0	23
4	Oxygen effects on crystal plasticity of Titanium: A multiscale calibration and validation framework. <i>Acta Materialia</i> , 2019, 176, 19-32.	7.9	19
5	Role of tantalum concentration, processing temperature, and strain-rate on the mechanical behavior of copper-tantalum alloys. <i>Acta Materialia</i> , 2021, 208, 116706.	7.9	15
6	Revealing cryogenic mechanical behavior and mechanisms in a microstructurally-stable, immiscible nanocrystalline alloy. <i>Scripta Materialia</i> , 2019, 160, 33-38.	5.2	14
7	Stress-driven grain refinement in a microstructurally stable nanocrystalline binary alloy. <i>Scripta Materialia</i> , 2021, 191, 185-190.	5.2	12
8	Helium partitioning to the core-shelled Ta nanoclusters in nanocrystalline Cu-Ta alloy. <i>Scripta Materialia</i> , 2022, 208, 114344.	5.2	12
9	Thermomechanical response of an ultrafine-grained nickel-yttrium alloy. <i>Scripta Materialia</i> , 2020, 187, 434-438.	5.2	5
10	Design For Six Sigma (DFSS) for Optimization of Stamping Simulation Parameters to Improve Springback Prediction. , 2015, , .		1
11	Revealing the Role of Combined Loading on the Tension–Compression Asymmetry in a Textured AZ31 Magnesium Alloy. <i>Minerals, Metals and Materials Series</i> , 2019, , 199-200.	0.4	0