

Gowtham Sriram Jawaharram

List of Publications by Year in descending order

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10
papers

149
citations

1478505

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1474206

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10
docs citations

10
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a High Temperature Whisker Growth Mechanism Active in Tungsten during In Situ Nanopillar Compression. <i>Nanomaterials</i> , 2021, 11, 2429.	4.1	3
2	Irradiation induced creep in nanocrystalline high entropy alloys. <i>Acta Materialia</i> , 2020, 182, 68-76.	7.9	32
3	In Situ Transmission Electron Microscopy for Ultrahigh Temperature Mechanical Testing of ZrO_2 . <i>Nano Letters</i> , 2020, 20, 1041-1046.	9.1	23
4	Ultrahigh temperature in situ transmission electron microscopy based bicrystal coble creep in zirconia I: Nanowire growth and interfacial diffusivity. <i>Acta Materialia</i> , 2020, 199, 530-541.	7.9	15
5	Ultrahigh temperature in situ transmission electron microscopy based bicrystal coble creep in Zirconia II: Interfacial thermodynamics and transport mechanisms. <i>Acta Materialia</i> , 2020, 200, 1008-1021.	7.9	16
6	In situ TEM Measurements of Ion Irradiation Induced Creep. <i>Microscopy and Microanalysis</i> , 2019, 25, 1566-1567.	0.4	0
7	High temperature irradiation induced creep in Ag nanopillars measured via in situ transmission electron microscopy. <i>Scripta Materialia</i> , 2018, 148, 1-4.	5.2	28
8	Irradiation-induced creep in metallic nanolaminates characterized by In situ TEM pillar nanocompression. <i>Journal of Nuclear Materials</i> , 2017, 490, 59-65.	2.7	24
9	Hardening mechanisms in irradiated Cu-W alloys. <i>Journal of Materials Research</i> , 2017, 32, 3156-3164.	2.6	6
10	Characteristics of $BaTiO_3$ -carbon nanotube composite synthesised by mechanical milling. <i>Materials Research Innovations</i> , 2015, 19, 265-269.	2.3	2