Gowtham Sriram Jawaharram

List of Publications by Year
in descending order

10 papers	149 citations	1478505 6 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	105 citing authors

#	Article	IF	Citations
1	Irradiation induced creep in nanocrystalline high entropy alloys. Acta Materialia, 2020, 182, 68-76.	7.9	32
2	High temperature irradiation induced creep in Ag nanopillars measured via in situ transmission electron microscopy. Scripta Materialia, 2018, 148, 1-4.	5.2	28
3	Irradiation-induced creep in metallic nanolaminates characterized by In situ TEM pillar nanocompression. Journal of Nuclear Materials, 2017, 490, 59-65.	2.7	24
4	In Situ Transmission Electron Microscopy for Ultrahigh Temperature Mechanical Testing of ZrO₂. Nano Letters, 2020, 20, 1041-1046.	9.1	23
5	Ultrahigh temperature in situ transmission electron microscopy based bicrystal coble creep in Zirconia II: Interfacial thermodynamics and transport mechanisms. Acta Materialia, 2020, 200, 1008-1021.	7.9	16
6	Ultrahigh temperature in situ transmission electron microscopy based bicrystal coble creep in zirconia I: Nanowire growth and interfacial diffusivity. Acta Materialia, 2020, 199, 530-541.	7.9	15
7	Hardening mechanisms in irradiated Cuâ€“W alloys. Journal of Materials Research, 2017, 32, 3156-3164.	2.6	6
8	Evidence for a High Temperature Whisker Growth Mechanism Active in Tungsten during In Situ Nanopillar Compression. Nanomaterials, 2021, 11, 2429.	4.1	3
9	Characteristics of BaTiO3â€“carbon nanotube composite synthesised by mechanical milling. Materials Research Innovations, 2015, 19, 265-269.	2.3	2
10	In situ TEM Measurements of Ion Irradiation Induced Creep. Microscopy and Microanalysis, 2019, 25, 1566-1567.	0.4	0