

Ankush Kashiwar

List of Publications by Year in descending order

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13
papers

374
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1307594

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505
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear banding-activated dynamic recrystallization and phase transformation during quasi-static loading of β -metastable Ti-12 wt % Mo alloy. <i>Acta Materialia</i> , 2022, 235, 118088.	7.9	14
2	In Situ TEM Observation of Cooperative Grain Rotations and the Bauschinger Effect in Nanocrystalline Palladium. <i>Nanomaterials</i> , 2021, 11, 432.	4.1	4
3	Novel thin film lift-off process for in situ TEM tensile characterization. <i>Microscopy and Microanalysis</i> , 2021, 27, 216-217.	0.4	0
4	Nanowire facilitated transfer of sensitive TEM samples in a FIB. <i>Ultramicroscopy</i> , 2020, 219, 113075.	1.9	6
5	Early deformation mechanisms in the shear affected region underneath a copper sliding contact. <i>Nature Communications</i> , 2020, 11, 839.	12.8	38
6	Grain growth mechanisms in ultrafine-grained steel: an electron backscatter diffraction and in situ TEM study. <i>Journal of Materials Science</i> , 2019, 54, 10489-10505.	3.7	2
7	Engineering an ultrafine intermetallic eutectic ternary alloy for high strength and high temperature applications. <i>Scripta Materialia</i> , 2018, 157, 67-71.	5.2	10
8	Imaging the Structural Evolution in Nanocrystalline Metals during Mechanical Deformation. <i>Microscopy and Microanalysis</i> , 2017, 23, 748-749.	0.4	0
9	On variant distribution and coarsening behavior of the β phase in a metastable β titanium alloy. <i>Acta Materialia</i> , 2016, 106, 374-387.	7.9	98
10	Combination of in situ straining and ACOM TEM: A novel method for analysis of plastic deformation of nanocrystalline metals. <i>Ultramicroscopy</i> , 2013, 128, 68-81.	1.9	104
11	Deformation-induced grain growth and twinning in nanocrystalline palladium thin films. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 554-566.	2.8	27
12	Effect of solution annealing temperature on precipitation in 2205 duplex stainless steel. <i>Materials Characterization</i> , 2012, 74, 55-63.	4.4	70
13	β phase growth and branching in titanium alloys. <i>Philosophical Magazine</i> , 0, , 1-24.	1.6	1