

# Ankush Kashiwar

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

374  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

505  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	On variant distribution and coarsening behavior of the $\beta$ phase in a metastable $\beta$ titanium alloy. <i>Acta Materialia</i> , 2016, 106, 374-387.	7.9	98
3	Effect of solution annealing temperature on precipitation in 2205 duplex stainless steel. <i>Materials Characterization</i> , 2012, 74, 55-63.	4.4	70
4	Early deformation mechanisms in the shear affected region underneath a copper sliding contact. <i>Nature Communications</i> , 2020, 11, 839.	12.8	38
5	Deformation-induced grain growth and twinning in nanocrystalline palladium thin films. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 554-566.	2.8	27
6	Shear banding-activated dynamic recrystallization and phase transformation during quasi-static loading of $\beta$ -metastable Ti-12 wt % Mo alloy. <i>Acta Materialia</i> , 2022, 235, 118088.	7.9	14
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	Nanowire facilitated transfer of sensitive TEM samples in a FIB. <i>Ultramicroscopy</i> , 2020, 219, 113075.	1.9	6
9	In Situ TEM Observation of Cooperative Grain Rotations and the Bauschinger Effect in Nanocrystalline Palladium. <i>Nanomaterials</i> , 2021, 11, 432.	4.1	4
10	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
11	$\beta$ phase growth and branching in titanium alloys. <i>Philosophical Magazine</i> , 0, , 1-24.	1.6	1
12	Imaging the Structural Evolution in Nanocrystalline Metals during Mechanical Deformation. <i>Microscopy and Microanalysis</i> , 2017, 23, 748-749.	0.4	0
13	Novel thin film lift-off process for in situ TEM tensile characterization. <i>Microscopy and Microanalysis</i> , 2021, 27, 216-217.	0.4	0