

Tushar Sant

List of Publications by Year in descending order

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14
papers

68
citations

1684188
5
h-index

1588992
8
g-index

14
all docs

14
docs citations

14
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of ultrafast spin-profiles and spin-diffusion properties in the domain wall area at a metal/ferromagnetic film interface. Scientific Reports, 2017, 7, 15064.	3.3	11
2	In-situ energy dispersive x-ray diffraction study of the growth of CuO nanowires by annealing method. Journal of Applied Physics, 2013, 114, 144303.	2.5	9
3	Strategy for calibrating the non-linear gain of the DSSC detector for the European XFEL. , 2011, , .		8
4	Interface induced perpendicular magnetic anisotropy in a Co/CoO/Co thin-film structure: an in situ MOKE investigation. Journal Physics D: Applied Physics, 2014, 47, 105002.	2.8	8
5	Probing ultrafast changes of spin and charge density profiles with resonant XUV magnetic reflectivity at the free-electron laser FERMI. Structural Dynamics, 2017, 4, 055101.	2.3	7
6	Role of defects in modulating the near band edge emissions of sub-micron ZnO crystals. Optical Materials, 2020, 109, 110348.	3.6	7
7	In Situ and Ex Situ SAXS Investigation of Colloidal Sedimentation onto Laterally Patterned Support. Langmuir, 2009, 25, 814-819.	3.5	5
8	Luminescent behavior of pulsed laser deposited Pr doped ZnO thin films. Physica B: Condensed Matter, 2021, 618, 413202.	2.7	5
9	Highly stable field emission from micron sized homogeneous In^{2+} -Ga ₂ O ₃ sheets grown using vapor phase transport route. Materials Chemistry and Physics, 2020, 254, 123512.	4.0	3
10	Coherence experiments at the white-beam beamline of BESSYII. Thin Solid Films, 2007, 515, 5563-5567.	1.8	2
11	Influence of ion-to-atom ratio on the microstructure of evaporated molybdenum thin films grown using low energy argon ions. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2014, 32, .	2.1	2
12	Textured growth of Co film on CoO (fcc) layer; Structural studies using EDXRD beamline at Indus-2. , 2012, , .		1
13	Capabilities of using white x-rays for the reconstruction of surface morphology from coherent reflectivity. Applied Surface Science, 2010, 257, 266-270.	6.1	0
14	In-situ study of the growth of CuO nanowires by energy dispersive X-ray diffraction. , 2013, , .		0