

Nasrin Banu

List of Publications by Year in descending order

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14
papers

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14
docs citations

14
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68
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhomogeneous superconductivity in high-density nonmagnetic cobalt in a polycrystalline Co film. Europhysics Letters, 2020, 131, 47001.	2.0	0
2	High-Density Non-magnetic Cobalt in Cobalt Thin Films. Materials Horizons, 2020, , 103-130.	0.6	0
3	Electron energy loss and X-ray absorption behaviour of high density nonmagnetic cobalt. Thin Solid Films, 2019, 675, 177-181.	1.8	3
4	Towards x-ray waveguide formation upon ion irradiation of a Co thin film on Si(111). Materials Research Express, 2019, 6, 056419.	1.6	0
5	High density nonmagnetic cobalt in thin films. Nanotechnology, 2018, 29, 195703.	2.6	8
6	Recrystallization in Si upon ion irradiation at room temperature in Co/Si(111) thin film systems. AIP Conference Proceedings, 2018, , .	0.4	0
7	Oscillatory magnetic behavior in an ion-irradiated Si/Ni/Si sandwich system. Physica B: Condensed Matter, 2018, 550, 199-206.	2.7	1
8	Nanoscale \hat{I} -NiSi formation via ion irradiation of Si/Ni/Si. Journal of Applied Physics, 2017, 121, 045302.	2.5	4
9	Evidence of Formation of Superdense Nonmagnetic Cobalt. Scientific Reports, 2017, 7, 41856.	3.3	10
10	Sign reversals of magnetoresistance in ion-irradiated Co/Cu multilayers at high fluences. AIP Conference Proceedings, 2017, , .	0.4	0
11	Ion irradiation effects on a magnetic Si/Ni/Si trilayer and lateral magnetic "nonmagnetic multistrip patterning by focused ion beam. Indian Journal of Physics, 2017, 91, 1167-1172.	1.8	3
12	Fluence dependent oscillatory amorphization and recrystallization in ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 689-696.	1.4	8
13	Unidirectional endotaxial cobalt di-silicide nanowires on Si(110) substrates. Nanotechnology, 2017, 28, 425603.	2.6	8
14	Growth of a-few-atom wide nanowires with different surface reconstructions via desorption of Au on vicinal Si (111) surfaces. , 2013, , .		0