Usha Bhat

List of Publications by Year
in descending order

12 papers	72 citations	1684188 5 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	168 citing authors

#	Article	IF	Citations
1	Nature of low dimensional structural modulations and relative phase stability in RexMo(W)1-xS2 transition metal dichalcogenide alloys. Journal of Applied Physics, 2017, 121, 105101.	2.5	15
2	Coexisting nanoscale inverse spinel and rock salt crystallographic phases in NiCo2O4 epitaxial thin films grown by pulsed laser deposition. Journal of Applied Physics, 2017, 122, .	2.5	13
3	Distinct Photoluminescence in Multilayered van der Waals Heterostructures of MoS₂/WS₂/ReS₂ and BN. Physica Status Solidi (B): Basic Research, 2018, 255, 1700691.	1.5	9
4	Studies of electrical and magnetic properties across the Verwey transition in epitaxial magnetite thin films. Journal of Applied Physics, 2019, 126, .	2.5	9
5	Li and Na-ion diffusion and intercalation characteristics in vertically aligned TiS₂ nanowall network grown using atomic layer deposition. Materials Research Express, 0, , .	1.6	7
6	Growth of ReS2 thin films by pulsed laser deposition. Thin Solid Films, 2019, 685, 81-87.	1.8	7
7	Chemically stabilized epitaxial wurtzite-BN thin film. Superlattices and Microstructures, 2018, 115, 197-203.	3.1	5
8	Rich diversity of crystallographic phase formation in 2D RexMo1â€‰â€“â€‰xS2 (xâ€‰<â€‰0.5) alloy. Journal of Applied Physics, 2019, 126, .	2.5	3
9	Quantitative counting of Zn and O atoms by atomic resolution off-axis and in-line electron holography. Journal of Applied Physics, 2019, 125, 154902.	2.5	2
10	Microstructural and magnetic properties of epitaxial Ni50Mn37/35Sn13/15 Heusler alloy thin films grown by pulsed laser deposition. Journal of Crystal Growth, 2020, 546, 125772.	1.5	1
11	Image simulation in high resolution transmission electron microscopy considering atom as an electrostatic interferometer. Journal of Physics Communications, 2021, 5, 085004.	1.2	1
12	Direct methods applied to phase retrieval in high resolution transmission electron microscopy. Journal of Physics Communications, 0, , .	1.2	0