

# Usha Bhat

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Image simulation in high resolution transmission electron microscopy considering atom as an electrostatic interferometer. Journal of Physics Communications, 2021, 5, 085004.	1.2	1
2	Microstructural and magnetic properties of epitaxial Ni <sub>50</sub> Mn <sub>37/35</sub> Sn <sub>13/15</sub> Heusler alloy thin films grown by pulsed laser deposition. Journal of Crystal Growth, 2020, 546, 125772.	1.5	1
3	Studies of electrical and magnetic properties across the Verwey transition in epitaxial magnetite thin films. Journal of Applied Physics, 2019, 126, .	2.5	9
4	Growth of ReS <sub>2</sub> thin films by pulsed laser deposition. Thin Solid Films, 2019, 685, 81-87.	1.8	7
5	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
6	Rich diversity of crystallographic phase formation in 2D Re <sub>x</sub> Mo <sub>1-x</sub> S <sub>2</sub> (<math>x \in [0, 0.5]</math>) alloy. Journal of Applied Physics, 2019, 126, .	2.5	3
7	Chemically stabilized epitaxial wurtzite-BN thin film. Superlattices and Microstructures, 2018, 115, 197-203.	3.1	5
8	Distinct Photoluminescence in Multilayered van der Waals Heterostructures of MoS <sub>2</sub> /WS <sub>2</sub> /ReS <sub>2</sub> and BN. Physica Status Solidi (B): Basic Research, 2018, 255, 1700691.	1.5	9
9	Nature of low dimensional structural modulations and relative phase stability in Re <sub>x</sub> Mo <sub>(1-x)</sub> S <sub>2</sub> transition metal dichalcogenide alloys. Journal of Applied Physics, 2017, 121, 105101.	2.5	15
10	Coexisting nanoscale inverse spinel and rock salt crystallographic phases in NiCo <sub>2</sub> O <sub>4</sub> epitaxial thin films grown by pulsed laser deposition. Journal of Applied Physics, 2017, 122, .	2.5	13
11	Li and Na-ion diffusion and intercalation characteristics in vertically aligned TiS <sub>2</sub> /nanowall network grown using atomic layer deposition. Materials Research Express, 0, , .	1.6	7
12	Direct methods applied to phase retrieval in high resolution transmission electron microscopy. Journal of Physics Communications, 0, , .	1.2	0