

# Shraddha Nehate

## List of Publications by Year in descending order

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times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of recent developments in aluminum gallium oxide thin films and devices. Critical Reviews in Solid State and Materials Sciences, 2022, 47, 538-569.	6.8	13
2	Preparation and Characterization of Radio Frequency Sputtered Delafossite p-type Copper Gallium Oxide (p-CuGaO <sub>2</sub> ) Thin Films. ECS Journal of Solid State Science and Technology, 2022, 11, 023005.	0.9	8
3	Reviewâ€”The Synthesis and Characterization of Recent Two-Dimensional Materials for Energy Storage Applications. ECS Journal of Solid State Science and Technology, 2022, 11, 063015.	0.9	2
4	Influence of Substrate Temperature on Electrical and Optical Properties of Hydrogenated Boron Carbide Thin Films Deposited by RF Sputtering. Coatings, 2021, 11, 196.	1.2	4
5	Investigation of Electrical and Optical Properties of Low Resistivity Indium Oxide Thin Films. ECS Transactions, 2021, 102, 95-111.	0.3	3
6	Nanoindentation and Photoluminescence Studies of Hydrogenated Boron Carbon Nitride Thin Films. ECS Journal of Solid State Science and Technology, 2021, 10, 057004.	0.9	1
7	Electrical and Optical Studies of Reactively Sputtered Indium Oxide Thin Films. ECS Journal of Solid State Science and Technology, 2021, 10, 065016.	0.9	15
8	Properties of RF Magnetron-Sputtered Copper Gallium Oxide (CuGa <sub>2</sub> O <sub>4</sub> ) Thin Films. Coatings, 2021, 11, 921.	1.2	8
9	Hydrogenation of Boron Carbon Nitride Thin Films for Low-k Dielectric Applications. ECS Journal of Solid State Science and Technology, 2021, 10, 093001.	0.9	1
10	A review of boron carbon nitride thin films and progress in nanomaterials. Materials Today Advances, 2020, 8, 100106.	2.5	54
11	Boron Carbon Nitride (BCN) Nano-Coatings of Central Venous Catheters Inhibits Bacterial Colonization. ECS Journal of Solid State Science and Technology, 2020, 9, 115018.	0.9	12
12	Reviewâ€”RF Sputtered Films of Ga <sub>2</sub> O <sub>3</sub> . ECS Journal of Solid State Science and Technology, 2019, 8, Q3064-Q3078.	0.9	81
13	Work Function Extraction of Indium Tin Oxide Films from MOSFET Devices. ECS Journal of Solid State Science and Technology, 2018, 7, P87-P90.	0.9	44
14	Centimeter-Scale Periodically Corrugated Few-Layer 2D MoS <sub>2</sub> with Tensile Stretch-Driven Tunable Multifunctionalities. ACS Applied Materials & Interfaces, 2018, 10, 30623-30630.	4.0	21
15	Investigation on Electrical and Optical Properties of Hydrogen Doped Boron Carbide Thin Films. ECS Transactions, 2018, 85, 1607-1613.	0.3	1
16	Three dimensionally-ordered 2D MoS <sub>2</sub> vertical layers integrated on flexible substrates with stretch-tunable functionality and improved sensing capability. Nanoscale, 2018, 10, 17525-17533.	2.8	31
17	Work Function Extraction of Indium Tin Oxide Used as Transparent Gate Electrode for MOSFET. ECS Transactions, 2017, 77, 1905-1910.	0.3	1
18	Boron carbon nitride based metal-insulator-metal UV detectors for harsh environment applications. Optics Letters, 2016, 41, 4249.	1.7	19