

# Martins Zubkins

## List of Publications by Year in descending order

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22  
papers

160  
citations

1307594  
7  
h-index

1281871  
11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Doping Determined Thermoelectric Properties of Bi <sub>2</sub> Se <sub>3</sub> Thin Films Deposited by Vapour-Solid Technique. IEEE Nanotechnology Magazine, 2019, 18, 948-954.	2.0	24
2	A comparative study of heterostructured CuO/CuWO <sub>4</sub> nanowires and thin films. Journal of Crystal Growth, 2017, 480, 78-84.	1.5	17
3	Amorphous ultra-wide bandgap ZnO thin films deposited at cryogenic temperatures. Journal of Applied Physics, 2020, 128, .	2.5	14
4	Tribovoltaic Device Based on the W/WO <sub>3</sub> Schottky Junction Operating through Hot Carrier Extraction. Journal of Physical Chemistry C, 2021, 125, 14212-14220.	3.1	14
5	High power impulse magnetron sputtering of Zn/Al target in an Ar and Ar/O <sub>2</sub> atmosphere: The study of sputtering process and AZO films. Surface and Coatings Technology, 2019, 369, 156-164.	4.8	12
6	Changes in structure and conduction type upon addition of Ir to ZnO thin films. Thin Solid Films, 2017, 636, 694-701.	1.8	10
7	Preparation and Characterization of Tin Tungstate Thin Films. Ferroelectrics, 2015, 484, 49-54.	0.6	8
8	Photo-electrical and transport properties of hydrothermal ZnO. Journal of Applied Physics, 2016, 119, .	2.5	7
9	The local atomic structure and thermoelectric properties of Ir-doped ZnO: hybrid DFT calculations and XAS experiments. Journal of Materials Chemistry C, 2021, 9, 4948-4960.	5.5	7
10	Bio-Inspired Macromolecular Ordering of Elastomers for Enhanced Contact Electrification and Triboelectric Energy Harvesting. Advanced Materials Technologies, 2022, 7, .	5.8	7
11	Optical properties of oxygen-containing yttrium hydride thin films during and after the deposition. Vacuum, 2022, 203, 111218.	3.5	7
12	Structural, electrical and optical properties of zinc-iridium oxide thin films deposited by DC reactive magnetron sputtering. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1493-1496.	0.8	6
13	A comprehensive study of structure and properties of nanocrystalline zinc peroxide. Journal of Physics and Chemistry of Solids, 2022, 160, 110318.	4.0	6
14	Structural, electrical and optical characteristics of Al-doped zinc oxide thin films deposited by reactive magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012057.	0.6	5
15	Raman, electron microscopy and electrical transport studies of x-ray amorphous Zn-Ir-O thin films deposited by reactive DC magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2015, 77, 012035.	0.6	4
16	Structure-determined thermoelectric properties of Bi <sub>2</sub> Se <sub>3</sub> thin films deposited by vapour-solid technique. , 2018, , .		3
17	Understanding the Conversion Process of Magnetron-Deposited Thin Films of Amorphous ReO <sub>3</sub> to Crystalline ReO <sub>3</sub> upon Thermal Annealing. Crystal Growth and Design, 2020, 20, 6147-6156.	3.0	3
18	Unraveling the Structure and Properties of Layered and Mixed ReO <sub>3</sub> -WO <sub>3</sub> Thin Films Deposited by Reactive DC Magnetron Sputtering. ACS Omega, 2022, 7, 1827-1837.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Enhanced Reflectivity Change and Phase Shift of Polarized Light: Double Parameter Multilayer Sensor. Physica Status Solidi (A) Applications and Materials Science, 0, , 2100424.	1.8	1
20	Amorphous p-type Conducting Zn <sub>1-x</sub> Ir <sub>x</sub> Oxide ( x = 0.13) Thin Films Deposited by Reactive Magnetron Cosputtering. Physica Status Solidi (B): Basic Research, 0, , 2100374.	1.5	1
21	Tailoring of rhenium oxidation state in ReOx thin films during reactive HiPIMS deposition process and following annealing. Materials Chemistry and Physics, 2022, 289, 126399.	4.0	1
22	Optical properties of zinc-iridium oxide thin films. IOP Conference Series: Materials Science and Engineering, 2019, 503, 012016.	0.6	0