

# Milenis Acosta

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

208  
citations

1163117

8  
h-index

1058476

14  
g-index

26  
all docs

26  
docs citations

26  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties of tungsten oxide thin films by non-reactive sputtering. <i>Thin Solid Films</i> , 2009, 517, 5442-5445.	1.8	31
2	AZO/Ag/AZO multilayers electrodes evaluated using a photonic flux density figure of merit for solar cells applications. <i>Superlattices and Microstructures</i> , 2019, 127, 49-53.	3.1	23
3	Effect of the substrate temperature on the physical properties of sprayed-CdS films by using an automatized perfume atomizer. <i>Materials Science in Semiconductor Processing</i> , 2018, 79, 7-13.	4.0	22
4	Study of ZnS/CdS structures for solar cells applications. <i>Optik</i> , 2017, 148, 95-100.	2.9	19
5	Effects of working pressure on physical properties of tungsten-oxide thin films sputtered from oxide target. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2010, 28, 329-333.	2.1	16
6	Effects of the Argon Pressure on the Optical Band Gap of Zinc Oxide Thin Films Grown by Nonreactive RF Sputtering. <i>Advances in Condensed Matter Physics</i> , 2013, 2013, 1-6.	1.1	12
7	Structural, optical and photoelectrochemical properties of tungsten oxide thin films grown by non-reactive RF-sputtering. <i>Superlattices and Microstructures</i> , 2019, 127, 123-127.	3.1	12
8	Electrical percolation threshold evaluation of silver thin films for multilayer WO <sub>3</sub> /Ag/WO <sub>3</sub> transparent conductive oxide. <i>Materials Letters</i> , 2020, 260, 126913.	2.6	10
9	Physical Properties of Macroporous Tungsten Oxide Thin Films and Their Impact on the Photocurrent Density. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-8.	2.5	7
10	Optical absorption enhancement of P3HT:PCBM films through nanocavities using polystyrene as a template. <i>Materials Letters</i> , 2019, 245, 65-67.	2.6	7
11	Influence of the sputtering variables in the ion bombardment during off-axis deposition of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999, 17, 2879-2884.	2.1	6
12	Photothermal model fitting in the complex plane for thermal properties determination in solids. <i>Review of Scientific Instruments</i> , 2013, 84, 024903.	1.3	6
13	Morphological and chemical study of CdTe thin films annealed in CHCl <sub>3</sub> / O <sub>2</sub> gas mixture. <i>Solar Energy</i> , 2014, 107, 305-313.	6.1	6
14	Transition from magnetic Fraunhofer-like to interferometric behavior in YBCO bridges with decreasing width. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 242, 191-196.	1.2	5
15	Influence of top layer thickness on the performance of WO <sub>3</sub> /Ag/WO <sub>3</sub> -transparent electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19063-19069.	2.2	4
16	Morphological, Structural, and Optical Bandgap Characterization of Extracted ZnO Nanoparticles from Commercial Paste. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-7.	1.8	4
17	Screening technique measurement of ac imaginary susceptibility and critical current density of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films. <i>Journal of Applied Physics</i> , 2000, 87, 2460-2463.	2.5	3
18	YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> superconducting transition measurement by an electromagnetic acoustic transducer. <i>Review of Scientific Instruments</i> , 2006, 77, 033903.	1.3	3

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19	Room-temperature ITO electrodes evaluated for organic solar cells using a photonic flux density figure of merit. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 11059-11064.	2.2	3
20	Comparative analysis of the determination of $J_c$ of YBCO films at different temperatures and magnetic fields by means of the shielding technique.. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2051-2052.	1.2	2
21	Comparative analysis of the complex susceptibility of YBCO films at different temperatures and magnetic fields. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 398, 152-156.	1.2	2
22	N-doped ZnO films grown from hybrid target by the pulsed laser deposition technique. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	2
23	Magnetic field dependence of the critical current in polycrystalline YBCO bridges with decreasing width. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 313, 319-325.	1.2	1
24	Josephson modulations of critical current above 77 K in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ /Au thin film composites grown on $\text{LaAlO}_3$ . <i>Physica C: Superconductivity and Its Applications</i> , 2001, 356, 233-238.	1.2	1
25	Correlation of residual stress variations to electrical properties changes in ZNO thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14685-14688.	2.2	1
26	Photocurrent enhancement estimation of P3HT:PCBM:Au films as a function of gold nanoparticles concentration. <i>Gold Bulletin</i> , 2020, 53, 141-145.	2.4	0