

Manuel Garcia-Mendez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	TiO _x Ny Thin Film Sputtered on a Fiber Ball Lens as Saturable Absorber for Passive Q-Switched Generation of a Single-Tunable/Dual-Wavelength Er-Yb Double Clad Fiber Laser. <i>Nanomaterials</i> , 2020, 10, 923.	4.1	5
2	Large depth of focus plasmonic metalenses based on Fresnel biprism. <i>AIP Advances</i> , 2020, 10, 045025.	1.3	2
3	Characterization of Rhodamine 110 adsorbed on carbon-based electrospun nanofibers decorated with gold nanoparticles by Raman spectroscopy and SERS. <i>Materials Research Express</i> , 2019, 6, 125012.	1.6	1
4	Lossy Mode Resonance Generation on Sputtered Aluminum-Doped Zinc Oxide Thin Films Deposited on Multimode Optical Fiber Structures for Sensing Applications in the 1.55 Åµm Wavelength Range. <i>Sensors</i> , 2019, 19, 4189.	3.8	11
5	Efficient and Directional Excitation of Surface Plasmon Polaritons by Oblique Incidence on Metallic Ridges. <i>Plasmonics</i> , 2018, 13, 1935-1940.	3.4	6
6	Classical Plasmonics: Wave Propagation Control at Subwavelength Scale. <i>Nano</i> , 2015, 10, 1530005.	1.0	5
7	The influence of Ce doping on the structural and optoelectronic properties of RF-sputtered ZnO films. <i>Optical and Quantum Electronics</i> , 2015, 47, 2637-2648.	3.3	17
8	Chemical Characterization of DC-Sputtered In ₂ O ₃ Films with a Top SnO ₂ Layer. <i>Journal of Nano Research</i> , 2015, 30, 86-95.	0.8	4
9	Investigation of the annealing effects on the structural and optoelectronic properties of RF-sputtered ZnO films studied by the Drude-Lorentz model. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 1375-1382.	2.3	12
10	Developing novel gas sensors for NO ₂ detection based on Ce(1-x)MXO ₂ , {M= Ru, In} solid solutions. <i>Journal of Electroceramics</i> , 2012, 28, 34-44.	2.0	5
11	Ce _(1-x) M _x O ₂ , {M= Ru, In} Solid Solutions as Novel Gas Sensors for CO Detection. <i>Journal of Nano Research</i> , 2011, 14, 135-143.	0.8	5
12	STRUCTURAL PROPERTIES OF AlN FILMS WITH OXYGEN CONTENT DEPOSITED BY REACTIVE MAGNETRON SPUTTERING: XRD AND XPS CHARACTERIZATION. <i>Surface Review and Letters</i> , 2011, 18, 23-31.	1.1	28
13	CHARACTERIZATION OF AlN THIN FILMS FABRICATED BY REACTIVE DC SPUTTERING: EXPERIMENTAL MEASUREMENTS AND HÄCKEL CALCULATIONS. <i>International Journal of Modern Physics B</i> , 2009, 23, 2233-2251.	2.0	11
14	DEPOSITION OF AlN AND OXIDIZED AlN THIN-FILMS BY REACTIVE SPUTTERING: CORRELATION BETWEEN FILM GROWTH AND DEPOSITION PARAMETERS. <i>Surface Review and Letters</i> , 2008, 15, 453-458.	1.1	3
15	Experimental and theoretical study of the electronic properties of CoSi ₂ and NiSi ₂ . <i>Applied Surface Science</i> , 2004, 230, 386-392.	6.1	10
16	Electronic properties of Co and Ni silicides: a theoretical approach using extended Huckel method. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 2905-2913.	1.5	4
17	XPS and HRTEM characterization of cobalt-nickel silicide thin films. <i>Applied Surface Science</i> , 2000, 161, 61-73.	6.1	48
18	Study of thermal diffusion between Al ₂ O ₃ and Al thin films. <i>Applied Surface Science</i> , 1999, 151, 139-147.	6.1	14