## Dana Miu

List of Publications by Year in descending order

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Πανία Μιμ

#	Article	IF	CITATIONS
1	Vortex unbinding and layer decoupling in epitaxialBi2Sr2Ca2Cu3O10+δfilms. Physical Review B, 1995, 52, 4553-4558.	3.2	37
2	Co doped ZnO thin films deposited by spin coating as antibacterial coating for metallic implants. Ceramics International, 2020, 46, 3904-3911.	4.8	37
3	Surface Acoustic Wave Sensor with Pd/ZnO Bilayer Structure for Room Temperature Hydrogen Detection. Sensors, 2017, 17, 1529.	3.8	36
4	Akermanite-based coatings grown by pulsed laser deposition for metallic implants employed in orthopaedics. Surface and Coatings Technology, 2019, 357, 1015-1026.	4.8	26
5	Surface Acoustic Wave Sensors for Ammonia Detection at Room Temperature Based on SnO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> Bilayers. Journal of Sensors, 2019, 2019, 1-6.	1.1	24
6	Surface Acoustic Wave Hydrogen Sensors Based on Nanostructured Pd/WO3 Bilayers. Sensors, 2018, 18, 3636.	3.8	19
7	Characteristics of Surface Acoustic Wave Sensors with Nanoparticles Embedded in Polymer Sensitive Layers for VOC Detection. Sensors, 2018, 18, 2401.	3.8	19
8	Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method. International Journal of Pharmaceutics, 2016, 510, 449-456.	5.2	14
9	Pulsed Laser Deposition Derived Bioactive Glass-Ceramic Coatings for Enhancing the Biocompatibility of Scaffolding Materials. Materials, 2020, 13, 2615.	2.9	12
10	Love Wave Surface Acoustic Wave Sensor with Laser-Deposited Nanoporous Gold Sensitive Layer. Sensors, 2019, 19, 4492.	3.8	11
11	Third order nonlinear optical properties of gold/alumina multilayer nanocomposites with different nanoparticle arrangements. Thin Solid Films, 2020, 697, 137829.	1.8	11
12	Out of plane superferromagnetic behavior of quasi two-dimensional Fe/Al2O3 multilayer nanocomposites. Journal of Applied Physics, 2015, 117, .	2.5	8
13	Repetition Rate Effects in Picosecond Laser Microprocessing of Aluminum and Steel in Water. Micromachines, 2017, 8, 316.	2.9	7
14	Characterization of pulsedâ€laser deposition plasmas using ion probes. Optical Engineering, 1996, 35, 1325.	1.0	6
15	Relaxation of remnant magnetisation in YBa2Cu3O7â^î^films. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1243-1244.	1.2	6
16	Development of Vitroceramic Coatings and Analysis of Their Suitability for Biomedical Applications. Coatings, 2019, 9, 671.	2.6	6
17	Strontium-Substituted Bioactive Glass-Ceramic Films for Tissue Engineering. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 184-190.	1.9	6
18	a-Axis growth of ferroelectric SrBi2Ta2O9 thin films on silicon. Materials Letters, 2005, 59, 1243-1247.	2.6	4

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19	Effect of Pd/ZnO Morphology on Surface Acoustic Wave Sensor Response. Nanomaterials, 2021, 11, 2598.	4.1	4
20	A Simple Approach for the Magnetic Relaxation in Systems of Weakly-Interacting, Dispersive Nanoparticles in Applied Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2014, 27, 781-785.	1.8	3
21	Fourier analysis of SAW resonance frequency variations for improved detection. Sensors and Actuators A: Physical, 2019, 295, 302-307.	4.1	2
22	Surface Acoustic Wave Biosensor with Laser-Deposited Gold Layer Having Controlled Porosity. Chemosensors, 2021, 9, 173.	3.6	2
23	Vortex-system ordering during magnetisation measurements in YBa2Cu3O7â <sup>∾</sup> Î′ films at low temperatures. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1206-1207.	1.2	1
24	Behavior of the Second Magnetization Peak in Self-nanostructured La2–x Sr x CuO4 Single Crystals. Springer Series in Materials Science, 2017, , 159-184.	0.6	1
25	Sub-limit detection in SAW sensors by FFT spectral analysis of frequency time instability. Sensor Review, 2019, 39, 246-251.	1.8	1
26	Synthesis of nanosize powders by pulsed laser ablation and related plasma diagnostics. , 1998, , .		0
27	Discharge-aided reactive laser ablation for ultrafine powder production. , 1998, 3405, 188.		0
28	Effect of pulsed-laser deposition parameters on plasma expansion studied by fast-framing photography. , 1998, 3405, 282.		0