

Dana Miu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Strontium-Substituted Bioactive Glass-Ceramic Films for Tissue Engineering. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 184-190.	0.9	6
2	Surface Acoustic Wave Biosensor with Laser-Deposited Gold Layer Having Controlled Porosity. Chemosensors, 2021, 9, 173.	1.8	2
3	Effect of Pd/ZnO Morphology on Surface Acoustic Wave Sensor Response. Nanomaterials, 2021, 11, 2598.	1.9	4
4	Co doped ZnO thin films deposited by spin coating as antibacterial coating for metallic implants. Ceramics International, 2020, 46, 3904-3911.	2.3	37
5	Pulsed Laser Deposition Derived Bioactive Glass-Ceramic Coatings for Enhancing the Biocompatibility of Scaffolding Materials. Materials, 2020, 13, 2615.	1.3	12
6	Third order nonlinear optical properties of gold/alumina multilayer nanocomposites with different nanoparticle arrangements. Thin Solid Films, 2020, 697, 137829.	0.8	11
7	Fourier analysis of SAW resonance frequency variations for improved detection. Sensors and Actuators A: Physical, 2019, 295, 302-307.	2.0	2
8	Love Wave Surface Acoustic Wave Sensor with Laser-Deposited Nanoporous Gold Sensitive Layer. Sensors, 2019, 19, 4492.	2.1	11
9	Surface Acoustic Wave Sensors for Ammonia Detection at Room Temperature Based on SnO ₂ /Co ₃ O ₄ Bilayers. Journal of Sensors, 2019, 2019, 1-6.	0.6	24
10	Development of Vitroceramic Coatings and Analysis of Their Suitability for Biomedical Applications. Coatings, 2019, 9, 671.	1.2	6
11	Sub-limit detection in SAW sensors by FFT spectral analysis of frequency time instability. Sensor Review, 2019, 39, 246-251.	1.0	1
12	Akermanite-based coatings grown by pulsed laser deposition for metallic implants employed in orthopaedics. Surface and Coatings Technology, 2019, 357, 1015-1026.	2.2	26
13	Surface Acoustic Wave Hydrogen Sensors Based on Nanostructured Pd/WO ₃ Bilayers. Sensors, 2018, 18, 3636.	2.1	19
14	Characteristics of Surface Acoustic Wave Sensors with Nanoparticles Embedded in Polymer Sensitive Layers for VOC Detection. Sensors, 2018, 18, 2401.	2.1	19
15	Behavior of the Second Magnetization Peak in Self-nanostructured La ^x Sr _x CuO ₄ Single Crystals. Springer Series in Materials Science, 2017, , 159-184.	0.4	1
16	Repetition Rate Effects in Picosecond Laser Microprocessing of Aluminum and Steel in Water. Micromachines, 2017, 8, 316.	1.4	7
17	Surface Acoustic Wave Sensor with Pd/ZnO Bilayer Structure for Room Temperature Hydrogen Detection. Sensors, 2017, 17, 1529.	2.1	36
18	Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method. International Journal of Pharmaceutics, 2016, 510, 449-456.	2.6	14

#	ARTICLE	IF	CITATIONS
19	Out of plane superferromagnetic behavior of quasi two-dimensional Fe/Al ₂ O ₃ multilayer nanocomposites. Journal of Applied Physics, 2015, 117, .	1.1	8
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.	0.8	3
21	Vortex-system ordering during magnetisation measurements in YBa ₂ Cu ₃ O _{7-δ} films at low temperatures. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1206-1207.	0.6	1
22	Relaxation of remnant magnetisation in YBa ₂ Cu ₃ O _{7-δ} films. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1243-1244.	0.6	6
23	a-Axis growth of ferroelectric SrBi ₂ Ta ₂ O ₉ thin films on silicon. Materials Letters, 2005, 59, 1243-1247.	1.3	4
24	Synthesis of nanosize powders by pulsed laser ablation and related plasma diagnostics. , 1998, , .		0
25	Discharge-aided reactive laser ablation for ultrafine powder production. , 1998, 3405, 188.		0
26	Effect of pulsed-laser deposition parameters on plasma expansion studied by fast-framing photography. , 1998, 3405, 282.		0
27	Characterization of pulsed-laser deposition plasmas using ion probes. Optical Engineering, 1996, 35, 1325.	0.5	6
28	Vortex unbinding and layer decoupling in epitaxial Bi ₂ Sr ₂ Ca ₂ Cu ₃ O _{10-δ} films. Physical Review B, 1995, 52, 4553-4558.	1.1	37