

Dana Miu

List of Publications by Year in descending order

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28
papers

303
citations

840119

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887659

17
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all docs

28
docs citations

28
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Vortex unbinding and layer decoupling in epitaxial $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ films. <i>Physical Review B</i> , 1995, 52, 4553-4558.	1.1	37
2	Co doped ZnO thin films deposited by spin coating as antibacterial coating for metallic implants. <i>Ceramics International</i> , 2020, 46, 3904-3911.	2.3	37
3	Surface Acoustic Wave Sensor with Pd/ZnO Bilayer Structure for Room Temperature Hydrogen Detection. <i>Sensors</i> , 2017, 17, 1529.	2.1	36
4	Akermanite-based coatings grown by pulsed laser deposition for metallic implants employed in orthopaedics. <i>Surface and Coatings Technology</i> , 2019, 357, 1015-1026.	2.2	26
5	Surface Acoustic Wave Sensors for Ammonia Detection at Room Temperature Based on $\text{SnO}_2/\text{Co}_3\text{O}_4$ Bilayers. <i>Journal of Sensors</i> , 2019, 2019, 1-6.	0.6	24
6	Surface Acoustic Wave Hydrogen Sensors Based on Nanostructured Pd/ WO_3 Bilayers. <i>Sensors</i> , 2018, 18, 3636.	2.1	19
7	Characteristics of Surface Acoustic Wave Sensors with Nanoparticles Embedded in Polymer Sensitive Layers for VOC Detection. <i>Sensors</i> , 2018, 18, 2401.	2.1	19
8	Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method. <i>International Journal of Pharmaceutics</i> , 2016, 510, 449-456.	2.6	14
9	Pulsed Laser Deposition Derived Bioactive Glass-Ceramic Coatings for Enhancing the Biocompatibility of Scaffolding Materials. <i>Materials</i> , 2020, 13, 2615.	1.3	12
10	Love Wave Surface Acoustic Wave Sensor with Laser-Deposited Nanoporous Gold Sensitive Layer. <i>Sensors</i> , 2019, 19, 4492.	2.1	11
11	Third order nonlinear optical properties of gold/alumina multilayer nanocomposites with different nanoparticle arrangements. <i>Thin Solid Films</i> , 2020, 697, 137829.	0.8	11
12	Out of plane superferromagnetic behavior of quasi two-dimensional Fe/ Al_2O_3 multilayer nanocomposites. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	8
13	Repetition Rate Effects in Picosecond Laser Microprocessing of Aluminum and Steel in Water. <i>Micromachines</i> , 2017, 8, 316.	1.4	7
14	Characterization of pulsed laser deposition plasmas using ion probes. <i>Optical Engineering</i> , 1996, 35, 1325.	0.5	6
15	Relaxation of remnant magnetisation in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1243-1244.	0.6	6
16	Development of Vitroceramic Coatings and Analysis of Their Suitability for Biomedical Applications. <i>Coatings</i> , 2019, 9, 671.	1.2	6
17	Strontium-Substituted Bioactive Glass-Ceramic Films for Tissue Engineering. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2022, 61, 184-190.	0.9	6
18	a-Axis growth of ferroelectric $\text{SrBi}_2\text{Ta}_2\text{O}_9$ thin films on silicon. <i>Materials Letters</i> , 2005, 59, 1243-1247.	1.3	4

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19	Effect of Pd/ZnO Morphology on Surface Acoustic Wave Sensor Response. <i>Nanomaterials</i> , 2021, 11, 2598.	1.9	4
20	A Simple Approach for the Magnetic Relaxation in Systems of Weakly-Interacting, Dispersive Nanoparticles in Applied Magnetic Field. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 781-785.	0.8	3
21	Fourier analysis of SAW resonance frequency variations for improved detection. <i>Sensors and Actuators A: Physical</i> , 2019, 295, 302-307.	2.0	2
22	Surface Acoustic Wave Biosensor with Laser-Deposited Gold Layer Having Controlled Porosity. <i>Chemosensors</i> , 2021, 9, 173.	1.8	2
23	Vortex-system ordering during magnetisation measurements in YBa ₂ Cu ₃ O _{7-δ} films at low temperatures. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1206-1207.	0.6	1
24	Behavior of the Second Magnetization Peak in Self-nanostructured La _{2-x} Sr _x CuO ₄ Single Crystals. <i>Springer Series in Materials Science</i> , 2017, , 159-184.	0.4	1
25	Sub-limit detection in SAW sensors by FFT spectral analysis of frequency time instability. <i>Sensor Review</i> , 2019, 39, 246-251.	1.0	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