

Iulian Boerasu

List of Publications by Year in descending order

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34
papers

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34
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Modification of Flexible Electrodes via Laser Transfer. <i>Materials</i> , 2022, 15, 2488.	1.3	2
2	Fly-Ash Evaluation as Potential EOL Material Replacement of Cement in Pastes: Morpho-Structural and Physico-Chemical Properties Assessment. <i>Materials</i> , 2022, 15, 3092.	1.3	0
3	Nitrogen Functionalization of CVD Grown Three-Dimensional Graphene Foam for Hydrogen Evolution Reactions in Alkaline Media. <i>Materials</i> , 2021, 14, 4952.	1.3	15
4	Electrospinning Fabrication and Cytocompatibility Investigation of Nanodiamond Particles-Gelatin Fibrous Tubular Scaffolds for Nerve Regeneration. <i>Polymers</i> , 2021, 13, 407.	2.0	7
5	Influence of the Iron as a Dopant on the Refractive Index of WO ₃ . <i>Materials</i> , 2021, 14, 5845.	1.3	4
6	Effects of nickel content on the microstructure, microhardness and corrosion behavior of high-entropy AlCoCrFeNi _x alloys. <i>Scientific Reports</i> , 2020, 10, 21119.	1.6	40
7	The effects of the oxygen content on the photoelectrochemical properties of LaFeO ₃ perovskite thin films obtained by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	8
8	Optical and Raman spectroscopy of (As ₄ S ₃ Se ₃) _{1-x} :Sn _x glasses. , 2015, , .		0
9	New laser ablation chamber for producing carbon nanomaterials using excimer laser. <i>Materials Research Innovations</i> , 2015, 19, 33-39.	1.0	15
10	Wetting properties of glycerol on silicon, native SiO ₂ , and bulk SiO ₂ by scanning polarization force microscopy. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1277-1287.	1.4	9
11	Pulse laser ablation system for carbon nano-onions fabrication. <i>Surface Engineering and Applied Electrochemistry</i> , 2014, 50, 390-394.	0.3	16
12	Synthesis of single-wall carbon nanotubes by excimer laser ablation. <i>Surface Engineering and Applied Electrochemistry</i> , 2014, 50, 294-299.	0.3	10
13	Scanning polarization force microscopy investigation of contact angle and disjoining pressure of glycerol and sulfuric acid on highly oriented pyrolytic graphite and aluminum. <i>EPJ Applied Physics</i> , 2013, 64, 31302.	0.3	10
14	Characterization of Nb-doped PZT (65/35/1) ferroelectric thin films deposited by pulsed laser ablation. <i>Vacuum</i> , 2008, 82, 1379-1382.	1.6	2
15	RELATION BETWEEN PROCESSING, MICROSTRUCTURE AND ELECTRIC FIELD-DEPENDENT DIELECTRIC PROPERTIES OF Ba _{0.3} Sr _{0.7} TiO ₃ THIN FILMS ON ALUMINA SUBSTRATES. <i>Integrated Ferroelectrics</i> , 2007, 93, 119-125.	0.3	3
16	Effects of porosity on ferroelectric properties of Pb(Zr _{0.2} Ti _{0.8})O ₃ films. <i>Thin Solid Films</i> , 2007, 515, 6557-6561.	0.8	41
17	Processing and dielectric characterization of Ba _{0.3} Sr _{0.7} TiO ₃ thin films on alumina substrates. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2945-2948.	2.8	25
18	Metal-ferroelectric-metal structures with Schottky contacts. II. Analysis of the experimental current-voltage and capacitance-voltage characteristics of Pb(Zr,Ti)O ₃ thin films. <i>Journal of Applied Physics</i> , 2005, 98, 124104.	1.1	141

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19	Growth and Properties of Pb(Zr _{0.92} Ti _{0.08})O ₃ Thin Films. <i>Integrated Ferroelectrics</i> , 2004, 62, 83-87.	0.3	1
20	Structural and photoelectrical properties of Nb-doped PZT thin films deposited by pulsed laser ablation. <i>Journal of the European Ceramic Society</i> , 2004, 24, 1633-1636.	2.8	3
21	Structural and electrical properties of sol-gel deposited Pb(Zr _{0.92} Ti _{0.08})O ₃ thin films doped with Nb. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 109, 174-177.	1.7	6
22	Properties of Pb(Zr _{0.92} Ti _{0.08})O ₃ thin films deposited by sol-gel. <i>Thin Solid Films</i> , 2004, 458, 114-120.	0.8	21
23	Pyroelectric current spectroscopy: example of application on Nb doped Pb(Zr _{0.92} Ti _{0.08})O ₃ ceramics for infrared detection. <i>Sensors and Actuators A: Physical</i> , 2004, 115, 185-190.	2.0	10
24	Properties of ferroelectric films based on Nb-modified PZT produced by PLD technique. <i>Applied Surface Science</i> , 2003, 208-209, 604-610.	3.1	7
25	Simple model of polarization offset of graded ferroelectric structures. <i>Journal of Applied Physics</i> , 2003, 93, 9961-9967.	1.1	35
26	Competition between ferroelectric and semiconductor properties in Pb(Zr _{0.65} Ti _{0.35})O ₃ thin films deposited by sol-gel. <i>Journal of Applied Physics</i> , 2003, 93, 4776-4783.	1.1	100
27	Electric Properties of PZTN (65/35/x) Thin Films Deposited by Sol-Gel. <i>Ferroelectrics</i> , 2003, 293, 135-143.	0.3	0
28	Electric Properties of PZTN (65/35/x) Thin Films Deposited by Sol-Gel. <i>Ferroelectrics</i> , 2003, 293, 135-143.	0.3	1
29	Optical Properties of PZT 65/35 Thin Films Deposited by Sol-Gel. <i>Ferroelectrics</i> , 2002, 268, 187-192.	0.3	14
30	Structural and Piezoelectric Properties of Rare Earth Doped PbTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2002, 273, 267-272.	0.3	4
31	Ferroelectric properties of Pb _{1-3y/2} La _y (Zr _{0.4} Ti _{0.6})O ₃ structures with La concentration gradients. <i>Applied Physics Letters</i> , 2000, 77, 2231-2233.	1.5	39
32	The Influence of Interface on the Spontaneous Polarisation in PbTiO ₃ Thin Films Deposited on a Silicon Substrate. , 2000, , 301-308.		0
33	Electrical and optical characterization of PbTiO ₃ /Si heterostructures for applications in optoelectronics. , 1998, , .		0
34	Considerations on the semiconducting properties of PZT 65/35 thin films. , 0, , .		0