

Agustin Conde-Gallardo

List of Publications by Year in descending order

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49
all docs

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence properties of the Eu ³⁺ activator ion in the TiO ₂ host matrix. Applied Physics Letters, 2001, 78, 3436-3438.	3.3	113
2	Photoluminescence of TiO ₂ : Eu ³⁺ thin films obtained by sol-gel on Si and Corning glass substrates. Thin Solid Films, 2001, 401, 118-123.	1.8	63
3	TiO ₂ anatase thin films deposited by spray pyrolysis of an aerosol of titanium diisopropoxide. Thin Solid Films, 2005, 473, 68-73.	1.8	62
4	First-principles study of anatase and rutile TiO_2 with Eu ions: A comparison of GGA and LDA U Physical Review B, 2008, 78, .	3.2	55
5	Photoluminescence properties of Tb ³⁺ and Eu ³⁺ ions hosted in TiO ₂ matrix. Applied Surface Science, 2003, 212-213, 583-588.	6.1	41
6	Vortex-glass transition in the (K,Ba)BiO ₃ cubic superconductor. Physical Review B, 1998, 58, 12411-12415.	3.2	37
7	Detection of para-antiferromagnetic transition in Bi ₂ Fe ₄ O ₉ powders by means of microwave absorption measurements. Journal of Magnetism and Magnetic Materials, 2013, 348, 17-21.	2.3	21
8	About room temperature ferromagnetic behavior in BaTiO ₃ perovskite. Journal of Magnetism and Magnetic Materials, 2016, 401, 196-199.	2.3	21
9	Bose-glass melting in the cubic (K,Ba)BiO ₃ high-T _c oxide with columnar defects. Physical Review B, 2000, 61, R3830-R3833.	3.2	20
10	Microwave absorption behavior in Cr ₂ O ₃ nanopowders. Journal of Alloys and Compounds, 2015, 628, 272-276.	5.5	20
11	Growth kinetics of TiO ₂ films deposited by aerosol-assisted chemical-vapor deposition from two different precursors (Ti-n-butoxide and Ti diisopropoxide). Journal of Applied Physics, 2005, 98, 054908.	2.5	13
12	Structural analysis of platinum-palladium nanoparticles dispersed on titanium dioxide to evaluate cyclo-olefines reactivity. Journal of Alloys and Compounds, 2010, 495, 453-457.	5.5	13
13	Effect of the Particle Size on the Microwave Absorption in the Yttrium-Iron Garnet. Journal of Nano Research, 0, 28, 73-81.	0.8	13
14	Ohmic contacts and n-type doping on Ti _x Cr _{2-<i>x</i>} O ₃ films and the temperature dependence of their transport properties. Thin Solid Films, 2010, 519, 453-456.	1.8	12
15	Metal oxide Co and Co-Fe-Cr films deposited on glass substrates from a metal-organic aerosol atomised by means of ultrasonic excitations. Thin Solid Films, 1997, 305, 210-218.	1.8	10
16	Gas-phase diffusion and surface reaction as limiting mechanisms in the aerosol-assisted chemical vapor deposition of TiO ₂ films from titanium diisopropoxide. Journal of Materials Research, 2006, 21, 3205-3209.	2.6	8
17	Electrical and optical properties of Cr ₂ TiO ₃ thin films. Journal Physics D: Applied Physics, 2008, 41, 205407.	2.8	8
18	Growth of superconducting NdFe _{0.88} Co _{0.12} AsO films by metal-organic chemical vapor deposition and post arsenic diffusion. Europhysics Letters, 2015, 109, 17007.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Effect of lead content on nonstoichiometric $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{17}$ ceramic superconductors. <i>Materials Chemistry and Physics</i> , 1993, 36, 64-67.	4.0	7
20	Growth of NdFeAsO Films by a Combination of Metal-Organic Chemical Vapor Deposition and Arsenic Diffusion Processes. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 111-116.	1.7	7
21	Influence of the Oxygen Excess in the Synthesis of $\text{NdFeAsO}_{1-x}\text{F}_x$ Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 673-679.	1.8	7
22	Growth of $\text{SmFeAsO}_{1-x}\text{F}_x$ and $\text{NdFeCoAsO}_{1-x}\text{F}_x$ thin films by metal-organic chemical vapor deposition and post diffusion processes. <i>Superconductor Science and Technology</i> , 2019, 32, 055005.	3.5	7
23	$\text{Nd}_{1-x}\text{Fe}_x\text{OF}$ Thin Films Deposited by Chemical Vapor Deposition and Their Arsenic Diffusion. <i>IEEE Transactions on Applied Superconductivity</i> , 2011, 21, 2849-2852.	1.7	6
24	Evidence of Weak Ferromagnetism in $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ Powders by Means of Non-resonant Microwave Absorption. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1329-1333.	1.8	6
25	Preliminary studies of thin metal oxide films prepared by deposition of an aerosol generated ultrasonically from aqueous nitrate solutions. <i>Thin Solid Films</i> , 1997, 305, 157-163.	1.8	5
26	Optical properties of Co and Co-Fe-Cr thin films deposited from an aerosol on glass substrates. <i>Materials Chemistry and Physics</i> , 1998, 56, 21-26.	4.0	5
27	Interference Effects in Photoacoustic and Reflectance Spectroscopies on TiO_2/Si Structures and TiO_2 Band Gap. <i>Applied Spectroscopy</i> , 2004, 58, 917-921.	2.2	5
28	Influence of deposition and annealing parameters on some properties of YBCO films prepared by spray pyrolysis. <i>Journal of Superconductivity and Novel Magnetism</i> , 1996, 9, 101-111.	0.5	3
29	Particle size effect on lower critical field and full penetration field in the $\text{SmFeAsO}_{0.91}\text{F}_{0.09}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2019, 563, 16-21.	1.2	3
30	Stoichiometry and superconductive properties of YBaCuO films deposited by spray pyrolysis. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994, 7, 697-700.	0.5	2
31	Optical characterization of Tl-based superconducting films deposited from aerosol. <i>Materials Chemistry and Physics</i> , 1996, 44, 284-287.	4.0	2
32	Influence of processing conditions of Tl-2212 superconducting films deposited from an aerosol upon their T_c and oxygen Raman modes. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 288, 64-70.	1.2	2
33	LUMINESCENT PROPERTIES OF SOL-GEL DEPOSITED $\text{Eu}:\text{TiO}_2$ THIN FILMS. <i>Modern Physics Letters B</i> , 2001, 15, 769-773.	1.9	2
34	Signature of ferro-paraelectric transition in biferroic LuCrO_3 from electron paramagnetic resonance and non-resonant microwave absorption. <i>Materials Chemistry and Physics</i> , 2014, 148, 1108-1112.	4.0	2
35	Electron paramagnetic resonance and low-field microwave absorption in the manganese-gallium oxide. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 385, 188-192.	2.3	2
36	The Particle Size Effect on the Irreversible Magnetization and Critical Current Density in Low Fields for Polycrystalline $\text{SmFeAsO}_{0.91}\text{F}_{0.09}$ Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 3141-3149.	1.8	2

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37	Effect of various annealing treatments on superconducting properties of YBa ₂ Cu ₃ O _{7-x} films deposited from aerosol. <i>Materials Chemistry and Physics</i> , 1996, 43, 70-75.	4.0	1
38	Influence of thallination conditions upon properties of TBCCO films deposited from an aerosol. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 637-638.	1.2	1
39	Tl-Based Superconducting Films Prepared by Spray Pyrolysis and Vacuum Evaporation. <i>Journal of Superconductivity and Novel Magnetism</i> , 1998, 11, 63-64.	0.5	1
40	Room Temperature Photoluminescence of TiO ₂ Thin Films Doped with Tb. <i>Modern Physics Letters B</i> , 2001, 15, 813-816.	1.9	1
41	Crystalline and transport properties of Nd _{1-x} Fe _x O _{1-y} F _{1+2y} polycrystalline films. , 2012, , .		1
42	Optical and electrical study of cap layer effect in QHE devices with double-2DEG. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1617, 31-36.	0.1	1
43	Detection of an Anomalous Magnetic Transition in Hematite by Means of Derivative Microwave Absorption. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2731-2734.	1.8	1
44	Non-resonant Microwave Absorption in Terbium Powders. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 15-18.	1.8	1
45	Superconductivity and Paramagnetism in the Nd-Based 1111 Oxynictide Compounds. <i>IEEE Transactions on Applied Superconductivity</i> , 2017, 27, 1-5.	1.7	1
46	Tl ₂ Ba ₂ CaCu ₂ O _{8-x} superconducting films deposited by aerosol and their hysteretic ac losses. <i>Physica C: Superconductivity and Its Applications</i> , 1998, 298, 166-172.	1.2	0
47	Preface: Advanced Summer School in Physics 2011. , 2012, , .		0
48	Ohmic contact recipe on Ti _x Cr _{2-x} O ₃ and its application to temperature dependent Hall measurements. , 2013, , .		0
49	Transport properties of Nd _{1-x} Fe _x O _F polycrystalline films. , 2013, , .		0