Marcia T Escote

List of Publications by Year
in descending order

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54 papers	1,049 citations	471061 17 h-index	433756 31 g-index
54 all docs	54 docs citations	54 times ranked	1326 citing authors

#	Article	IF	Citations
1	Synthesis, structural refinement and optical behavior of CaTiO3 powders: A comparative study of processing in different furnaces. Chemical Engineering Journal, 2008, 143, 299-307.	6.6	188
2	Characterization of BaTi1â^'xZrxO3 thin films obtained by a soft chemical spin-coating technique. Journal of Applied Physics, 2004, 96, 4386-4391.	1.1	63
3	Effect of Thickness on the Electrical and Optical Properties of Sb Doped SnO2 (ATO) Thin Films. Journal of Electroceramics, 2004, 13, 159-165.	0.8	55
4	General Properties of Polycrystalline LnNiO3 (Ln=Pr, Nd, Sm) Compounds Prepared through Different Precursors. Journal of Solid State Chemistry, 2000, 151, 298-307.	1.4	54
5	Transport and sensors properties of nanostructured antimony-doped tin oxide films. Thin Solid Films, 2006, 515, 2678-2685.	0.8	49
6	SrZrO3 powders obtained by chemical method: Synthesis, characterization and optical absorption behaviour. Solid State Sciences, 2007, 9, 1020-1027.	1.5	47
7	Room-temperature photoluminescence in structurally disordered SrWO4. Applied Physics Letters, 2006, 88, 211913.	1.5	45
8	Structural, microstructural, and transport properties of highly oriented LaNiO3 thin films deposited on SrTiO3 (100) single crystal. Journal of Applied Physics, 2007, 102, .	1.1	41
9	Upper critical field of the magnetic superconductorRuGd1.4Ce0.6Sr2Cu2O10â^'Î´. Physical Review B, 2002, 66, .	1.1	34
10	Microstructural and transport properties of LaNiO3â^'Î´ films grown on Si (111) by chemical solution deposition. Thin Solid Films, 2003, 445, 54-58.	0.8	34
11	Faujasite zeolite decorated with cobalt ferrite nanoparticles for improving removal and reuse in Pb2+ ions adsorption. Chinese Journal of Chemical Engineering, 2020, 28, 1884-1890.	1.7	31
12	Metalâ€“insulator transition in Nd1â^'xEuxNiO3compounds. Journal of Physics Condensed Matter, 2006, 18, 6117-6132.	0.7	23
13	High oxygen-pressure annealing effects on the ferroelectric and structural properties of PbZr0.3Ti0.7O3 thin films. Journal of Applied Physics, 2004, 96, 2186-2191.	1.1	22
14	Preparation and characterizations of Ba0.8Ca0.2TiO3 by complex polymerization method (CPM). Journal of Alloys and Compounds, 2008, 465, 452-457.	2.8	20
15	Structural transition on Pb1â^'xSrxTiO3 produced by chemical method. Journal of Alloys and Compounds, 2009, 475, 940-945.	2.8	20
16	A DFT rationalization of the room temperature photoluminescence of Li2TiSiO5. Chemical Physics Letters, 2004, 398, 330-335.	1.2	18
17	NiTiO3 nanoparticles encapsulated with SiO2 prepared by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2008, 45, 151-155.	1.1	18
18	Nb2O5 nanoparticles decorated with magnetic ferrites for wastewater photocatalytic remediation. Environmental Science and Pollution Research, 2021, 28, 23731-23741.	2.7	17

#	Article	IF	Citations
19	CuO nanoparticles decorated on hydroxyapatite/ferrite magnetic support: photocatalysis, cytotoxicity, and antimicrobial response. Environmental Science and Pollution Research, 2022, 29, 41505-41519.	2.7	17
20	Very large dielectric constant of highly oriented Pb1â^'xBaxTiO3 thin films prepared by chemical deposition. Applied Physics Letters, 2004, 84, 248-250.	1.5	16
21	Promising Nanostructured Materials against Enveloped Virus. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20200718.	0.3	16
22	Development of Artificial Muscles Based on Electroactive Ionomeric Polymerâ€Metal Composites. Artificial Organs, 2011, 35, 478-483.	1.0	15
23	Electrochemical Biosensor Based on Laser-Induced Graphene for COVID-19 Diagnosing: Rapid and Low-Cost Detection of SARS-CoV-2 Biomarker Antibodies. Surfaces, 2022, 5, 187-201.	1.0	15
24	Adsorbent 2D and 3D carbon matrices with protected magnetic iron nanoparticles. Nanoscale, 2015, 7, 17441-17449.	2.8	14
25	Polycarbonate/TiO₂ nanofibers nanocomposite: Preparation and properties. Polymer Composites, 2018, 39, E780.	2.3	13
26	Electrical characterization of SnO2:Sb ultrathin films obtained by controlled thickness deposition. Journal of Applied Physics, 2007, 102, .	1.1	12
27	A Flexible Electrochemical Biosensor Based on NdNiO₃ Nanotubes for Ascorbic Acid Detection. ACS Applied Nano Materials, 2022, 5, 3394-3405.	2.4	12
28	Magnetocaloric functional properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sm</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.6</mml:mn> manganite due to advanced nanostructured morp. Materials Chemistry and Physics, 2016, 172, 20-25.	2.0	11
29	Magnetic properties of polycrystalline LnNi0.3Co0.7O3 (Ln=La,â€ŠPr) compounds. Journal of Applied Physics, 2000, 87, 5908-5910.	1.1	10
30	FotoluminescÃªncia e adsorÃ§Ã£o de CO2 em nanopartÃculas de CaTiO3 dopadas com lantÃ¢nio. Quimica Nova, 2004, 27, 862-865.	0.3	10
31	Metal-insulator transition in Nd1â^'x Eux NiO3 probed by specific heat and anelastic measurements. Journal of Applied Physics, 2011, 109, 07E115.	1.1	9
32	A new approach to obtain calcium cobalt oxide by microwave-assisted hydrothermal synthesis. Ceramics International, 2020, 46, 1596-1600.	2.3	9
33	Deposition of Controlled Thickness Ultrathin SnO₂:Sb Films by Spin-Coating. Journal of Nanoscience and Nanotechnology, 2006, 6, 3849-3853.	0.9	8
34	Vanadium effect over Î³-Al2O3-supported Ni catalysts for valorization of glycerol. Fuel Processing Technology, 2021, 216, 106773.	3.7	8
35	Low-temperature synthesis of single-phase Co7Sb2O12. Materials Chemistry and Physics, 2004, 88, 404-409.	2.0	7
36	Structural and morphological characteristics of (Pb1â^'x Sr x)TiO3 powders obtained by polymeric precursor method. Journal of Sol-Gel Science and Technology, 2010, 53, 21-29.	1.1	7

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37	Superparamagnetic Ni:SiO2â€“C nanocomposites films synthesized by a polymeric precursor method. Journal of Nanoparticle Research, 2011, 13, 703-710.	0.8	7
38	Metal-insulator transition in Nd1â^'xEuxNiO3: Entropy change and electronic delocalization. Journal of Applied Physics, 2015, 117, .	1.1	7
39	Superconductor YBa₂Cu_{3â^'x}Ni_xO_{7â^'Î´} compounds prepared by electrospinning. Materials Research Express, 2019, 6, 086001.	0.8	6
40	Disclosing the hidden presence of Ti3+ ions in different TiO2 crystal structures synthesized at low temperature and photocatalytic evaluation by methylene blue photobleaching. Journal of Materials Research, 2021, 36, 3353-3365.	1.2	6
41	Improvement of the ferroelectric properties of ABO3 (A=Pb, Ca, Ba; B=Ti, Zr) films. Journal of the European Ceramic Society, 2005, 25, 2341-2345.	2.8	5
42	Low oxygen pressure synthesis of NdNiO3-Î´ nanowires by electrospinning. Nano Express, 2020, 1, 010028.	1.2	5
43	Immobilization of Thermomyces lanuginosus lipase via ionic adsorption on superparamagnetic iron oxide nanoparticles: Facile synthesis and improved catalytic performance. Chemical Engineering Journal, 2022, 431, 134128.	6.6	5
44	Metal-insulator transition in Nd1-xLnxNiO3compounds. Radiation Effects and Defects in Solids, 1998, 147, 101-108.	0.4	3
45	Structural and transport properties of NdNiO3 thin films made by RF sputtering. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 249-251.	1.0	3
46	Textured PbZr0.3Ti0.7O3Thin Films Produced by Polymeric Precursor Method Using Microwave Oven. Ferroelectrics, 2006, 335, 211-218.	0.3	3
47	Temperature dependence of electron properties of Sn doped nanobelts. Physica B: Condensed Matter, 2007, 400, 243-247.	1.3	3
48	Fast Synthesis of Co₃O₄ by Microwave-Assisted Hydrothermal Treatment. Journal of Nanomaterials, 2020, 2020, 1-8.	1.5	3
49	Pressure-induced electrical and structural anomalies in Pb_{1â^'x}Ca_xTiO₃thin films grown at various oxygen pressures by chemical solution route. Journal Physics D: Applied Physics, 2008, 41, 115402.	1.3	2
50	LaNiO₃ Nanotubes Produced Using a Template-Assisted Method. Journal of Nanoscience and Nanotechnology, 2014, 14, 4431-4436.	0.9	2
51	Magnetothermopower in Nd1â^'xEuxNiO3 compounds. Journal of Applied Physics, 2007, 101, 09N509.	1.1	1
52	InfluÃªncia do mÃ©todo de sÃntese na obtenÃ§Ã£o de pÃ³s de Na2TiSiO5. Ceramica, 2005, 51, 289-295.	0.3	0
53	Physical properties of La0.8Sr0.2MnO3nanotubes and fibers. Materials Research Society Symposia Proceedings, 2013, 1507, 1.	0.1	0
54	Preparation and Powder Characteristics of LNF Compounds for Application in SOFCs. Materials Research Society Symposia Proceedings, 2015, 1735, 76.	0.1	0