

Marcia C A Fantini

List of Publications by Year in descending order

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154
papers

3,127
citations

159358

30
h-index

205818

48
g-index

154
all docs

154
docs citations

154
times ranked

3487
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioadhesive liquid crystal systems for octyl methoxycinnamate skin delivery. <i>Journal of Molecular Liquids</i> , 2022, 345, 117450.	2.3	7
2	Using crystallography tools to improve vaccine formulations. <i>IUCr</i> , 2022, 9, 11-20.	1.0	2
3	Enhanced magnetism and suppressed magnetoelastic coupling induced by electron doping in $\text{Ca}_{1-x}\text{Y}_x\text{MnReO}_6$. <i>Journal of Physics Condensed Matter</i> , 2022, , .	0.7	0
4	Efficacy of Ciprofloxacin, Metronidazole and Minocycline in Ordered Mesoporous Silica against <i>Enterococcus faecalis</i> for Dental Pulp Revascularization: An In-Vitro Study. <i>Materials</i> , 2022, 15, 2266.	1.3	3
5	The development of new oral vaccines using porous silica. <i>Journal of Physics Condensed Matter</i> , 2022, , .	0.7	5
6	Accessibility and strength of H-acceptor hydroxyls of ordered mesoporous silicas probed by pyridine donor. <i>Journal of Porous Materials</i> , 2021, 28, 323-335.	1.3	8
7	Assessing the efficiency of SBA-15 as a nanocarrier for diphtheria anatoxin. <i>Microporous and Mesoporous Materials</i> , 2021, 312, 110763.	2.2	9
8	Structural Investigation of Diol and Triol Poly(oxypropylene)- <i>b</i> -Poly(oxyethylene) Block Copolymers Micelles: Composition Dependence, Temperature Response and Clouding Behavior. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 783-800.	1.0	1
9	Microemulsion for Prolonged Release of Fenretinide in the Mammary Tissue and Prevention of Breast Cancer Development. <i>Molecular Pharmaceutics</i> , 2021, 18, 3401-3417.	2.3	16
10	NiO/CeO ₂ -Sm ₂ O ₃ nanocomposites for partial oxidation of methane: In-situ experiments by dispersive X-ray absorption spectroscopy. <i>Applied Catalysis A: General</i> , 2021, 626, 118357.	2.2	6
11	Biocomposites based on SBA-15 and papain: Characterization, enzymatic activity and cytotoxicity evaluation. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111316.	2.2	7
12	Oral vaccination of piglets against <i>Mycoplasma hyopneumoniae</i> using silica SBA-15 as an adjuvant effectively reduced consolidation lung lesions at slaughter. <i>Scientific Reports</i> , 2021, 11, 22377.	1.6	9
13	Mesoporous Silica- Fe_3O_4 Nanoparticle Composites as Potential Drug Carriers. <i>ACS Applied Nano Materials</i> , 2021, 4, 13363-13378.	2.4	7
14	Crystal structure, cobalt and iron speciation and oxygen non-stoichiometry of $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{1-y}\text{Fe}_y\text{O}_{3-\delta}$ nanorods for IT-SOFC cathodes. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153250.	2.8	8
15	Liquid crystalline nanodispersion functionalized with cell-penetrating peptides improves skin penetration and anti-inflammatory effect of lipoic acid after in vivo skin exposure to UVB radiation. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1810-1828.	3.0	10
16	Polyaniline inclusion into ordered mesoporous silica matrices: Synthesis, characterization and electrical transport mechanism. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 212-219.	2.2	15
17	Nanosized $\text{ZnGa}_2\text{O}_4:\text{Cr}^{3+}$ Spinel as Highly Luminescent Materials for Bioimaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 6918-6927.	2.4	38
18	Antigenic and physicochemical characterization of Hepatitis B surface protein under extreme temperature and pH conditions. <i>Vaccine</i> , 2019, 37, 6415-6425.	1.7	8

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19	Effect of swelling agent in the synthesis of porous nanocrystalline nickel-zirconia-ceria composite. <i>Ceramics International</i> , 2019, 45, 19617-19626.	2.3	2
20	Dynamics of encapsulated hepatitis B surface antigen. <i>European Physical Journal: Special Topics</i> , 2019, 227, 2393-2399.	1.2	8
21	3D visualisation of hepatitis B vaccine in the oral delivery vehicle SBA-15. <i>Scientific Reports</i> , 2019, 9, 6106.	1.6	13
22	In Vitro TyRP-1 Knockdown Based on siRNA Carried by Liquid Crystalline Nanodispersions: an Alternative Approach for Topical Treatment of Vitiligo. <i>Pharmaceutical Research</i> , 2018, 35, 104.	1.7	16
23	Liquid Crystalline Systems Based on Glycerol Monooleate and Penetration Enhancers for Skin Delivery of Celecoxib: Characterization, In Vitro Drug Release, and In Vivo Studies. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 870-878.	1.6	34
24	Improvement of cutaneous delivery of methylene blue by liquid crystals. <i>International Journal of Pharmaceutics</i> , 2018, 548, 454-465.	2.6	24
25	Vacuum Calcination Behavior of SBA-15 Ordered Mesoporous Silica. <i>Brazilian Journal of Physics</i> , 2018, 48, 442-450.	0.7	4
26	Fast, low-cost preparation of hackmanite minerals with reversible photochromic behavior using a microwave-assisted structure-conversion method. <i>Chemical Communications</i> , 2018, 54, 7326-7329.	2.2	16
27	In Situ Gelling Liquid Crystalline System as Local siRNA Delivery System. <i>Molecular Pharmaceutics</i> , 2017, 14, 1681-1690.	2.3	18
28	Synthesis and characterization of mesoporous NiO ₂ /ZrO ₂ -CeO ₂ catalysts for total methane conversion. <i>Ceramics International</i> , 2017, 43, 7851-7860.	2.3	15
29	SBA-15:TiO ₂ nanocomposites: II. Direct and post-synthesis using acetylacetone. <i>Microporous and Mesoporous Materials</i> , 2017, 239, 235-243.	2.2	20
30	In situ DXAS study of NiO/CeO ₂ -Sm ₂ O ₃ nanocomposites for IT-SOFC anodes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C284-C284.	0.0	0
31	Encapsulation of diphtheria anatoxin into ordered mesoporous silica. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1284-C1284.	0.0	0
32	Crystallography science in Brazil. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1168-C1168.	0.0	0
33	Liquid Crystalline Nanodispersions Functionalized with Cell-Penetrating Peptides for Topical Delivery of Short-Interfering RNAs: A Proposal for Silencing a Pro-Inflammatory Cytokine in Cutaneous Diseases. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1063-1075.	0.5	38
34	Effects of the Incorporation of Sc ₂ O ₃ into CeO ₂ -ZrO ₂ Solid Solution: Structural Characterization and in Situ XANES/TPR Study under H ₂ Atmosphere. <i>Journal of Physical Chemistry C</i> , 2016, 120, 24165-24175.	1.5	8
35	Protein encapsulation in SBA-15 with expanded pores. <i>Microporous and Mesoporous Materials</i> , 2016, 235, 59-68.	2.2	22
36	Incorporation of monoethanolamine (MEA), diethanolamine (DEA) and methyldiethanolamine (MDEA) in mesoporous silica: An alternative to CO ₂ capture. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4514-4524.	3.3	9

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37	Nanostructured SBA-15 silica: An effective protective vehicle to oral hepatitis B vaccine immunization. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2241-2250.	1.7	32
38	SBA-15:TiO ₂ nanocomposites. I. Synthesis with ionic liquids and properties. <i>Microporous and Mesoporous Materials</i> , 2016, 228, 37-44.	2.2	13
39	Structural studies of mesoporous ZrO ₂ -CeO ₂ and ZrO ₂ -CeO ₂ /SiO ₂ mixed oxides for catalytical applications. <i>Journal of Alloys and Compounds</i> , 2016, 671, 396-402.	2.8	12
40	Synthesis and application of the MCM-41 and SBA-15 as matrices for in vitro efavirenz release study. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 31, 153-159.	1.4	25
41	Optimization of protoporphyrin IX skin delivery for topical photodynamic therapy: Nanodispersions of liquid-crystalline phase as nanocarriers. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 83, 99-108.	1.9	33
42	An in situ gelling liquid crystalline system based on monoglycerides and polyethylenimine for local delivery of siRNAs. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 74, 103-117.	1.9	40
43	Adsorption/Desorption of Hg(II) on FDU-1 Silica and FDU-1 Silica Modified with Humic Acid. <i>Separation Science and Technology</i> , 2015, 50, 984-992.	1.3	2
44	Structural and morphological properties of Ce(1-x)FexO ₂ synthesized by citrate route. <i>Ceramics International</i> , 2015, 41, 13721-13730.	2.3	9
45	Surface treatment of dental porcelain: CO ₂ laser as an alternative to oven glaze. <i>Lasers in Medical Science</i> , 2015, 30, 661-667.	1.0	3
46	XANES studies of zirconia-ceria/Ni during partial/total methane oxidation. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C130-C130.	0.0	0
47	Mucoadhesive System Formed by Liquid Crystals for Buccal Administration of Poly(Hexamethylene) Tj ETQq1 1 0.784314 rgBTj/Overlo	1.6	42
48	Physical properties of ordered mesoporous SBA-15 silica as immunological adjuvant. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 425402.	1.3	22
49	Structure and Morphology of SBA-15 Thin Films on Different Substrates. <i>Brazilian Journal of Physics</i> , 2014, 44, 346-355.	0.7	4
50	Relation between Distortions in the Oxygen Sublattice and the Local Order of Zr in Nanostructured ZrO ₂ -CeO ₂ Mixed Oxides. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11445-11453.	1.5	12
51	Self-assembling gelling formulation based on a crystalline-phase liquid as a non-viral vector for siRNA delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 58, 72-82.	1.9	28
52	Modelling the release of biological molecules from ordered mesoporous silica. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1799-C1799.	0.0	0
53	Evidence of Coexistence of Ferromagnetic and Antiferromagnetic Phases in Nearly Equiatomic FeRh. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 4506-4509.	1.2	2
54	Liquid crystalline phase nanodispersions enable skin delivery of siRNA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 16-24.	2.0	50

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55	Local atomic structure of lanthanide complexes in cubic ordered mesoporous silica. Journal of Alloys and Compounds, 2013, 560, 67-71.	2.8	3
56	Nanoparticles of Lyotropic Liquid Crystals: A Novel Strategy for the Topical Delivery of a Chlorin Derivative for Photodynamic Therapy of Skin Cancer. Current Nanoscience, 2013, 9, 434-441.	0.7	22
57	Synthesis and structure of cage-like mesoporous silica using different precursors. Journal of Alloys and Compounds, 2011, 509, S357-S360.	2.8	2
58	Tetragonal-cubic phase boundary in nanocrystalline ZrO ₂ -Y ₂ O ₃ solid solutions synthesized by gel-combustion. Journal of Alloys and Compounds, 2011, 509, 5177-5182.	2.8	8
59	Nanostructured SBA-15 silica as an adjuvant in immunizations with hepatitis B vaccine. Einstein (Sao J ETQq1 1 0,784314 rgBT /Ovelde	0.3	13
60	Immobilization of glucose oxidase enzyme (GOD) in large pore ordered mesoporous cage-like FDU-1 silica. Journal of Molecular Catalysis B: Enzymatic, 2011, 70, 149-153.	1.8	10
61	Analysis of Liquid Crystalline Nanoparticles by Small Angle X-Ray Diffraction: Evaluation of Drug and Pharmaceutical Additives Influence on the Internal Structure. Journal of Pharmaceutical Sciences, 2011, 100, 2849-2857.	1.6	30
62	The role of citrate precursors on the morphology of lanthanide oxides obtained by thermal decomposition. Journal of Thermal Analysis and Calorimetry, 2010, 99, 385-390.	2.0	22
63	Synthesis, characterization and catalytic evaluation of cubic ordered mesoporous iron-silicon oxides. Materials Chemistry and Physics, 2010, 124, 713-719.	2.0	8
64	Factorial design to optimize microwave-assisted synthesis of FDU-1 silica with a new triblock copolymer. Microporous and Mesoporous Materials, 2010, 133, 1-9.	2.2	11
65	Local atomic structure in tetragonal pure ZrO ₂ nanopowders. Journal of Applied Crystallography, 2010, 43, 227-236.	1.9	20
66	Improvement in the Reduction Behavior of Novel ZrO ₂ -CeO ₂ Solid Solutions with a Tubular Nanostructure by Incorporation of Pd. Journal of Physical Chemistry C, 2010, 114, 19687-19696.	1.5	15
67	Retention at room temperature of the tetragonal t ₃ -form in Sc ₂ O ₃ -doped ZrO ₂ nanopowders. Journal of Alloys and Compounds, 2010, 495, 561-564.	2.8	12
68	Immunological parameters related to the adjuvant effect of the ordered mesoporous silica SBA-15. Vaccine, 2010, 28, 7829-7836.	1.7	93
69	Crystallite size-dependent phases in nanocrystalline ZrO ₂ -Sc ₂ O ₃ . Physical Chemistry Chemical Physics, 2010, 12, 2822.	1.3	18
70	Study Of Phase Transition In Nanostructured ZrO ₂ -CeO ₂ Solid Solutions By Synchrotron Radiation. , 2009, , .		0
71	DSC estimation of structural and textural parameters of SBA-15 silica using water probe. Journal of Thermal Analysis and Calorimetry, 2009, 97, 701-704.	2.0	12
72	Metastable Phase Diagram of Nanocrystalline ZrO ₂ -Sc ₂ O ₃ Solid Solutions. Journal of Physical Chemistry C, 2009, 113, 18661-18666.	1.5	15

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73	Synchrotron X-ray powder diffraction and extended X-ray absorption fine structure spectroscopy studies on nanocrystalline ZrO ₂ -CaO solid solutions. <i>Journal of Applied Crystallography</i> , 2008, 41, 680-689.	1.9	11
74	Adsorption of Pb ²⁺ , Cu ²⁺ and Cd ²⁺ in FDU-1 silica and FDU-1 silica modified with humic acid. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 250-259.	2.2	44
75	Crystal structure and local order of nanocrystalline zirconia-based solid solutions. <i>Powder Diffraction</i> , 2008, 23, S46-S55.	0.4	2
76	Synchrotron X-ray powder diffraction study of the tetragonal-cubic phase transition in nanostructured ZrO ₂ -Sc ₂ O ₃ solid solutions. <i>Powder Diffraction</i> , 2008, 23, S87-S90.	0.4	1
77	Structure and properties of composites of polyethylene or maleated polyethylene and cellulose or cellulose esters. <i>Journal of Applied Polymer Science</i> , 2007, 103, 402-411.	1.3	25
78	Liquid crystalline phases of monoolein and water for topical delivery of cyclosporin A: Characterization and study of in vitro and in vivo delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 63, 146-155.	2.0	131
79	Local bonding in PECVD-SiO _x N _y films. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1298-1302.	1.5	7
80	Study of the mechanical and structural properties of silicon oxynitride films for optical applications. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2319-2323.	1.5	20
81	Characterization of Si _{1-x} C _x :H thin films deposited by PECVD for SiCOI heterojunction fabrication. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1158-1162.	0.6	0
82	Ordered Mesoporous Silica SBA-15: A New Effective Adjuvant to Induce Antibody Response. <i>Small</i> , 2006, 2, 254-256.	5.2	110
83	Luminescent europium complexes encapsulated in cage-like cubic ordered mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 94-100.	2.2	33
84	Structure, morphology, and composition of nanometric Pd films deposited by dc magnetron sputtering on Cu, Ag, and Au foils. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 432, 303-307.	2.6	4
85	Synthesis and characterization of LiFePO ₄ prepared by sol-gel technique. <i>Solid State Ionics</i> , 2006, 177, 497-500.	1.3	80
86	Reverse Hexagonal Phase Nanodispersion of Monoolein and Oleic Acid for Topical Delivery of Peptides: in Vitro and in Vivo Skin Penetration of Cyclosporin A. <i>Pharmaceutical Research</i> , 2006, 23, 1332-1342.	1.7	166
87	Alternate monatomic layer sputter deposition of FCT (L10-type) ordered FePt and CoPt films. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 305, 152-156.	1.0	15
88	Structure and Properties of Maleated Linear Low-Density Polyethylene and Cellulose Acetate Butyrate Blends. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 531-539.	1.7	8
89	Local structure of the metal-oxygen bond in compositionally homogeneous, nanocrystalline zirconia-ceria solid solutions synthesized by a gel-combustion process. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 7863-7881.	0.7	17
90	X-ray absorption spectroscopy study of FePt thin films. <i>Journal of Applied Physics</i> , 2006, 100, 013905.	1.1	7

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91	Composites of allyl glycidyl ether modified polyethylene and cellulose. <i>Polymer</i> , 2005, 46, 3289-3299.	1.8	11
92	Improving the electrochemical properties of porous LiCoO ₂ films obtained by template synthesis. <i>Thin Solid Films</i> , 2005, 488, 68-73.	0.8	16
93	Structure, morphology and composition of thin Pd and Ni films deposited by dc magnetron sputtering on polycrystalline Ni and Pd foils. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 4241-4244.	1.3	5
94	Grafting of tetrahydrophthalic and maleic anhydride onto polyolefins in solution. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 532-540.	0.6	14
95	Size Distribution Evolution of NiO _x Hyand Au: NiO _x HySols. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 30, 173-177.	1.1	0
96	Gold-Nickel Hydroxide Multi-Layers with Selective Absorption in the Visible Range. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 30, 179-185.	1.1	1
97	Structural analysis of silicon oxynitride films deposited by PECVD. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 112, 123-127.	1.7	23
98	Growth of L10 ordered FePt alloy films at reduced temperatures. <i>Physica Status Solidi A</i> , 2004, 201, 837-841.	1.7	1
99	Evidence of clusters size-dependent photoluminescence on silicon-rich silicon oxynitride films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 112, 116-119.	1.7	1
100	Multilayered composite Au-NiO _x electrochromic films. <i>Solid State Ionics</i> , 2004, 175, 517-520.	1.3	11
101	Ordered mesoporous silica: microwave synthesis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 112, 106-110.	1.7	42
102	Characterization of Electrochemically Co-deposited Metal-Molybdenum Oxide Films. <i>Chemistry of Materials</i> , 2004, 16, 2662-2668.	3.2	8
103	Nano-crystalline Si _{1-x} C _x H thin films deposited by PECVD for SiC-on-insulator application. <i>Journal of Non-Crystalline Solids</i> , 2004, 338-340, 119-122.	1.5	7
104	The influence of the deposition temperature and substrate on the properties of FePt thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 265, 13-22.	1.0	22
105	Composite Au-NiO films. <i>Solid State Ionics</i> , 2003, 165, 161-168.	1.3	12
106	Structural investigation of Si-rich amorphous silicon oxynitride films. <i>Thin Solid Films</i> , 2003, 425, 275-281.	0.8	12
107	Theoretical optical properties of composite metal-NiO films. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 2386-2392.	1.3	12
108	Annealing effects of highly homogeneous a-Si _{1-x} C _x H. <i>Journal of Non-Crystalline Solids</i> , 2003, 330, 196-215.	1.5	28

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109	Theoretical and experimental studies of the atomic structure of oxygen-rich amorphous silicon oxynitride films. <i>Physical Review B</i> , 2003, 68, .	1.1	8
110	Plasma cleaning and analysis of archeological artefacts from Sip�n. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 842-848.	1.3	13
111	Description and characterization of a ECR plasma device developed for thin film deposition. <i>Brazilian Journal of Physics</i> , 2003, 33, 123-127.	0.7	7
112	Local order structure of a-SiOxNy:H grown by PECVD. <i>Brazilian Journal of Physics</i> , 2002, 32, 366-368.	0.7	7
113	On the nitrogen and oxygen incorporation in plasma-enhanced chemical vapor deposition (PECVD) SiOxNy films. <i>Thin Solid Films</i> , 2002, 402, 154-161.	0.8	146
114	Local structure and bonds of amorphous silicon oxynitride thin films. <i>Thin Solid Films</i> , 2002, 413, 59-64.	0.8	42
115	Theoretical and experimental results on Au�NiO and Au�CoO electrochromic composite films. <i>Solid State Ionics</i> , 2002, 152-153, 867-872.	1.3	43
116	Improvements on the local order of amorphous hydrogenated silicon carbide films. <i>Journal of Non-Crystalline Solids</i> , 2001, 283, 1-10.	1.5	10
117	Chemical and morphological properties of amorphous silicon oxynitride films deposited by plasma enhanced chemical vapor deposition. <i>Journal of Non-Crystalline Solids</i> , 2001, 288, 88-95.	1.5	17
118	Electronic structure of LixNiOy thin films. <i>Journal of Power Sources</i> , 2001, 97-98, 328-331.	4.0	8
119	Structural and morphological investigation of amorphous hydrogenated silicon carbide. <i>Journal of Applied Crystallography</i> , 2001, 34, 465-472.	1.9	5
120	Structural and Magnetic Study of FePt Thin Films as a Function of the Deposition Temperature. <i>Physica Status Solidi A</i> , 2001, 187, 189-193.	1.7	8
121	Electrochromism in lithiated nickel oxide films deposited by rf sputtering. <i>Electrochimica Acta</i> , 2001, 46, 2269-2273.	2.6	16
122	Electrochromic properties of NiO-based thin films prepared by sol-gel and dip coating. <i>Electrochimica Acta</i> , 2001, 46, 2275-2279.	2.6	42
123	Reflectivity modeling of Si-based amorphous superlattices. <i>Superlattices and Microstructures</i> , 2000, 28, 207-215.	1.4	0
124	Lithium insertion and electrochromism in polycrystalline molybdenum oxide films. <i>Solid State Ionics</i> , 2000, 136-137, 357-363.	1.3	45
125	Highly ordered amorphous silicon-carbon alloys obtained by RF PECVD. <i>Brazilian Journal of Physics</i> , 2000, 30, 533-540.	0.7	4
126	Studies of LiCoOx thin film cathodes produced by r.f. sputtering. <i>Journal of Power Sources</i> , 1999, 81-82, 575-580.	4.0	35

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127	Synthesis, characterization and electrochromic properties of NiO _x thin film prepared by a sol-gel method. Solid State Ionics, 1998, 113-115, 457-463.	1.3	47
128	The influence of a starving plasma regime on carbon content and bonds in a-Si _{1-x} C _x :H thin films. Journal of Applied Physics, 1998, 84, 2371-2379.	1.1	44
129	Radio Frequency Reactively Sputtered Si _{1-x} O _x Thin Films Deposited at Different Oxygen Flows. Journal of the Electrochemical Society, 1998, 145, 706-711.	1.3	19
130	Toward Efficient Electrochromic NiO _x Films: A Study of Microstructure, Morphology, and Stoichiometry of Radio Frequency Sputtered Films. Journal of the Electrochemical Society, 1998, 145, 235-240.	1.3	28
131	Small angle X-ray diffraction study of a-Si:H/a-Ge:H multilayers: reflectivity modeling and thermal stability. Journal of Non-Crystalline Solids, 1997, 209, 175-187.	1.5	5
132	Distribution of Pores in a-Si _{1-x} C _x :H Thin Films. Journal of Applied Crystallography, 1997, 30, 659-663.	1.9	13
133	Electrochromic nickel oxide thin films deposited under different sputtering conditions. Solid State Ionics, 1996, 86-88, 971-976.	1.3	79
134	On the structural properties of a-Si _{1-x} C _x :H thin films. Journal of Applied Physics, 1996, 79, 1324-1329.	1.1	36
135	Effect of plasma etching, carbon concentration, and buffer layer on the properties of a-Si:H/a-Si _{1-x} C _x :H multilayers. Journal of Applied Physics, 1994, 75, 543-548.	1.1	6
136	Microvoids in diamond-like amorphous silicon carbide. Journal of Applied Physics, 1994, 75, 538-542.	1.1	51
137	Investigations on the texture of Bi-based superconductor tapes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1994, 23, 1-9.	1.7	1
138	Radio frequency sputtered cobalt oxide coating: Structural, optical, and electrochemical characterization. Journal of Applied Physics, 1993, 74, 5835-5841.	1.1	74
139	Electroreflectance and photoresponse of NiO _x thin films. , 1992, , .		1
140	On the formation kinetics of Bi-Sr-Co-O phases. Materials Letters, 1991, 12, 321-326.	1.3	3
141	Electrochromic properties and temperature dependence of chemically deposited Ni(OH) _x thin films. , 1991, , .		15
142	Electrochemical deposition of high T _c superconducting thin films. , 1990, 1287, 48.		0
143	Liquid junctions for characterization of electronic materials. II. Photorefectance and electroreflectance of n-Si. Journal of Applied Physics, 1989, 66, 1759-1764.	1.1	14
144	Liquid junctions for characterization of electronic materials. V. Comparison with solid-state devices used to characterize reactive ion etching of Si. Journal of Applied Physics, 1989, 66, 4846-4853.	1.1	0

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145	Liquid junctions for characterization of electronic materials. III. Modulation spectroscopies of reactive ion etching of Si. Journal of Applied Physics, 1989, 66, 1765-1771.	1.1	12
146	Liquid junctions for characterization of electronic materials. IV. Impedance spectroscopy of reactive ion-etched Si. Journal of Applied Physics, 1989, 66, 2148-2155.	1.1	6
147	Liquid junctions for characterization of electronic materials. I. The potential distribution at the Si/methanol interface. Journal of Applied Physics, 1989, 65, 4884-4890.	1.1	22
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