

I Ferreira

List of Publications by Year in descending order

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papers

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76031

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212
all docs

212
docs citations

212
times ranked

7376
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose acetate fibres loaded with daptomycin for metal implant coatings. Carbohydrate Polymers, 2022, 276, 118733.	5.1	4
2	Drug Delivery from PCL/Chitosan Multilayer Coatings for Metallic Implants. ACS Omega, 2022, 7, 23096-23106.	1.6	7
3	Image Recording and Processing Chemical Synthesis: Method Description and Demonstration. Chemistry Methods, 2021, 1, 157-161.	1.8	0
4	Electronic control of drug release from gauze or cellulose acetate fibres for dermal applications. Journal of Materials Chemistry B, 2021, 9, 3515-3522.	2.9	8
5	Discovery of phosphotyrosine-binding oligopeptides with supramolecular target selectivity. Chemical Science, 2021, 13, 210-217.	3.7	7
6	Near infrared photothermoelectric effect in transparent AZO/ITO/Ag/ITO thin films. Scientific Reports, 2021, 11, 24313.	1.6	8
7	Toxicity Evaluation of Quantum Dots (ZnS and CdS) Singly and Combined in Zebrafish (Danio rerio). International Journal of Environmental Research and Public Health, 2020, 17, 232.	1.2	21
8	Carbon threads sweat-based supercapacitors for electronic textiles. Scientific Reports, 2020, 10, 7703.	1.6	28
9	Conductive Electrospun Polyaniline/Polyvinylpyrrolidone Nanofibers: Electrical and Morphological Characterization of New Yarns for Electronic Textiles. Fibers, 2020, 8, 24.	1.8	13
10	Microwave Synthesis of Silver Sulfide and Silver Nanoparticles: Light and Time Influence. ACS Omega, 2020, 5, 12877-12881.	1.6	11
11	Customized tracheal design using 3D printing of a polymer hydrogel: influence of UV laser cross-linking on mechanical properties. 3D Printing in Medicine, 2019, 5, 12.	1.7	11
12	Large-Area Paper Batteries with Ag and Zn/Ag Screen-Printed Electrodes. ACS Omega, 2019, 4, 16781-16788.	1.6	15
13	Stability under humidity, UV-light and bending of AZO films deposited by ALD on Kapton. Scientific Reports, 2019, 9, 17919.	1.6	12
14	Graphene oxide-reinforced aluminium-matrix nanostructured composites fabricated by accumulative roll bonding. Composites Part B: Engineering, 2019, 164, 265-271.	5.9	28
15	CuI p-type thin films for highly transparent thermoelectric p-n modules. Scientific Reports, 2018, 8, 6867.	1.6	62
16	Cellulose-based electrospun fibers functionalized with polypyrrole and polyaniline for fully organic batteries. Journal of Materials Chemistry A, 2018, 6, 256-265.	5.2	53
17	Facile Microwave-assisted Synthesis Manganese Doped Zinc Sulfide Nanoparticles. Scientific Reports, 2018, 8, 15992.	1.6	17
18	Cellulose paper functionalised with polypyrrole and poly(3,4-ethylenedioxythiophene) for paper battery electrodes. Organic Electronics, 2018, 62, 530-535.	1.4	15

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19	Optimization of Cuprous Oxides Thin Films to be used as Thermoelectric Touch Detectors. ACS Applied Materials & Interfaces, 2017, 9, 6520-6529.	4.0	27
20	Fluorescent and conductive cellulose acetate-based membranes with porphyrins. Materials Today Communications, 2017, 11, 26-37.	0.9	5
21	Improved thermoelectric properties of nanocrystalline hydrogenated silicon thin films by post-deposition thermal annealing. Thin Solid Films, 2017, 642, 276-280.	0.8	13
22	New composite of natural hydraulic lime mortar with graphene oxide. Construction and Building Materials, 2017, 156, 1150-1157.	3.2	46
23	Design of optimized wave-optical spheroidal nanostructures for photonic-enhanced solar cells. Nano Energy, 2016, 26, 286-296.	8.2	60
24	Vanadium Pentoxide Alloyed with Graphite for Thin-Film Thermal Sensors. Journal of Electronic Materials, 2016, 45, 1987-1991.	1.0	3
25	Chitosan-based nanoparticles as drug delivery systems for doxorubicin: Optimization and modelling. Carbohydrate Polymers, 2016, 147, 304-312.	5.1	137
26	Iron oxide nanoparticles stabilized with a bilayer of oleic acid for magnetic hyperthermia and MRI applications. Applied Surface Science, 2016, 383, 240-247.	3.1	122
27	Thermal and magnetic properties of chitosan-iron oxide nanoparticles. Carbohydrate Polymers, 2016, 149, 382-390.	5.1	72
28	Towards the development of multifunctional chitosan-based iron oxide nanoparticles: Optimization and modelling of doxorubicin release. Carbohydrate Polymers, 2016, 153, 212-221.	5.1	28
29	V_2O_5 Thin Films for Flexible and High Sensitivity Transparent Temperature Sensor. Advanced Materials Technologies, 2016, 1, 1600077.	3.0	23
30	Thermal and magnetic properties of iron oxide colloids: influence of surfactants. Nanotechnology, 2015, 26, 425704.	1.3	64
31	Simulated and Real Sheet-of-Light 3D Object Scanning Using a-Si:H Thin Film PSD Arrays. Sensors, 2015, 15, 29938-29949.	2.1	2
32	A multi-integrated approach on toxicity effects of engineered TiO ₂ nanoparticles. Frontiers of Environmental Science and Engineering, 2015, 9, 793-803.	3.3	19
33	Broadband light trapping in thin film solar cells with self-organized plasmonic nano-colloids. Nanotechnology, 2015, 26, 135202.	1.3	51
34	One-pot synthesis of dual-stimuli responsive hybrid PNIPAAm-chitosan microgels. Materials and Design, 2015, 86, 745-751.	3.3	39
35	SnO ₂ thin Film Oxides Produced by rf Sputtering for Transparent Thermoelectric Devices. Materials Today: Proceedings, 2015, 2, 647-653.	0.9	20
36	Hydrogenated nanocrystalline silicon thin films with promising thermoelectric properties. Applied Physics A: Materials Science and Processing, 2015, 120, 1497-1502.	1.1	11

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37	Down conversion photoluminescence on PVP/Ag-nanoparticles electrospun composite fibers. <i>Optical Materials</i> , 2015, 39, 278-281.	1.7	14
38	Broadband photocurrent enhancement in a-Si:H solar cells with plasmonic back reflectors. <i>Optics Express</i> , 2014, 22, A1059.	1.7	60
39	Effects of surfactants on the magnetic properties of iron oxide colloids. <i>Journal of Colloid and Interface Science</i> , 2014, 419, 46-51.	5.0	87
40	Transparent aluminium zinc oxide thin films with enhanced thermoelectric properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6649-6655.	5.2	97
41	Al-doped ZnO nanostructured powders by emulsion detonation synthesis "Improving materials for high quality sputtering targets manufacturing. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2325-2338.	2.8	21
42	Ag and Sn Nanoparticles to Enhance the Near-Infrared Absorbance of a-Si:H Thin Films. <i>Plasmonics</i> , 2014, 9, 1015-1023.	1.8	18
43	Color sensing ability of an amorphous silicon position sensitive detector array system. <i>Sensors and Actuators A: Physical</i> , 2014, 205, 26-37.	2.0	3
44	Nanostructured p-type Cr/V ₂ O ₅ thin films with boosted thermoelectric properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6456-6462.	5.2	23
45	Strongly Photosensitive and Fluorescent F8T2 Electrospun Fibers. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 174-180.	1.7	6
46	Recyclable, Flexible, Low-Power Oxide Electronics. <i>Advanced Functional Materials</i> , 2013, 23, 2153-2161.	7.8	124
47	Ab Initio Calculations and Measurements of Thermoelectric Properties of V ₂ O ₅ Films. <i>Journal of Electronic Materials</i> , 2013, 42, 1597-1603.	1.0	11
48	Thermoelectric properties of V ₂ O ₅ thin films deposited by thermal evaporation. <i>Applied Surface Science</i> , 2013, 282, 590-594.	3.1	71
49	Influence of the layer thickness in plasmonic gold nanoparticles produced by thermal evaporation. <i>Scientific Reports</i> , 2013, 3, 1469.	1.6	97
50	Doxorubicin vs. Idirubicin: methods for improving osteosarcoma treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 1239-1249.	1.1	5
51	3D scanning characteristics of an amorphous silicon position sensitive detector array system. <i>Optics Express</i> , 2012, 20, 4583.	1.7	6
52	Thermoelectric transport in V ₂ O ₅ thin films. <i>Journal of Physics: Conference Series</i> , 2012, 395, 012016.	0.3	3
53	P-type oxide-based thin film transistors produced at low temperatures. , 2012, , .		12
54	Aluminum doped zinc oxide sputtering targets obtained from nanostructured powders: Processing and application. <i>Journal of the European Ceramic Society</i> , 2012, 32, 4381-4391.	2.8	57

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55	Amorphous Silicon Position Sensitive Detector Array for Fast 3-D Object Profiling. IEEE Sensors Journal, 2012, 12, 812-820.	2.4	11
56	Sintering Behavior of Nano- and Micro-Sized ZnO Powder Targets for rf Magnetron Sputtering Applications. Journal of the American Ceramic Society, 2012, 95, 204-210.	1.9	27
57	Silicon thin film solar cells on commercial tiles. Energy and Environmental Science, 2011, 4, 4620.	15.6	65
58	Electronics with and on paper. Physica Status Solidi - Rapid Research Letters, 2011, 5, 332-335.	1.2	91
59	Complementary Metal Oxide Semiconductor Technology With and On Paper. Advanced Materials, 2011, 23, 4491-4496.	11.1	235
60	Thin and flexible bio-batteries made of electrospun cellulose-based membranes. Biosensors and Bioelectronics, 2011, 26, 2742-2745.	5.3	38
61	Solid-state paper batteries for controlling paper transistors. Electrochimica Acta, 2011, 56, 1099-1105.	2.6	35
62	Away from silicon era: the paper electronics. Proceedings of SPIE, 2011, , .	0.8	6
63	Floating gate memory paper transistor. , 2010, , .		1
64	Micro Cantilever Movement Detection with an Amorphous Silicon Array of Position Sensitive Detectors. Sensors, 2010, 10, 8173-8184.	2.1	8
65	Self-Rechargeable Paper Thin-Film Batteries: Performance and Applications. Journal of Display Technology, 2010, 6, 332-335.	1.3	46
66	Self-sustained n-type memory transistor devices based on natural cellulose paper fibers. Journal of Information Display, 2009, 10, 149-157.	2.1	7
67	Gate-bias stress in amorphous oxide semiconductors thin-film transistors. Applied Physics Letters, 2009, 95, .	1.5	213
68	Nanostructured silicon and its application to solar cells, position sensors and thin film transistors. Philosophical Magazine, 2009, 89, 2699-2721.	0.7	53
69	Oxide semiconductors: Order within the disorder. Philosophical Magazine, 2009, 89, 2741-2758.	0.7	27
70	Zinc oxide, a multifunctional material: from material to device applications. Applied Physics A: Materials Science and Processing, 2009, 96, 197-205.	1.1	149
71	Selective floating gate non-volatile paper memory transistor. Physica Status Solidi - Rapid Research Letters, 2009, 3, 308-310.	1.2	43
72	Zinc oxide and related compounds: order within the disorder. Proceedings of SPIE, 2009, , .	0.8	0

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73	Highly stable transparent and conducting gallium-doped zinc oxide thin films for photovoltaic applications. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 1605-1610.	3.0	151
74	The effects of ZnO coating on the photoluminescence properties of porous silicon for the advanced optoelectronic devices. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2181-2185.	1.5	26
75	n-PS/a-Si:H heterojunction for device application. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2632-2636.	1.5	7
76	Fabrication and characterization of hybrid solar cells based on copper phthalocyanine/porous silicon. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2892-2896.	1.5	24
77	Investigation of hydrocarbon coated porous silicon using PECVD technique to detect CO ₂ gas. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 2610-2614.	1.5	4
78	Write-erase and read paper memory transistor. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	127
79	Role of order and disorder on the electronic performances of oxide semiconductor thin film transistors. <i>Journal of Applied Physics</i> , 2007, 101, 044505.	1.1	192
80	Role of order and disorder in covalent semiconductors and ionic oxides used to produce thin film transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 89, 37-42.	1.1	44
81	Optical and structural analysis of porous silicon coated with GZO films using rf magnetron sputtering. <i>Thin Solid Films</i> , 2007, 515, 8664-8669.	0.8	28
82	DIFFERENCES BETWEEN AMORPHOUS AND NANOSTRUCTURED SILICON FILMS AND THEIR APPLICATION IN SOLAR CELL. <i>High Temperature Material Processes</i> , 2007, 11, 575-583.	0.2	3
83	Electron transport and optical characteristics in amorphous indium zinc oxide films. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1471-1474.	1.5	83
84	Study of nanostructured silicon by hydrogen evolution and its application in p-n solar cells. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1945-1948.	1.5	12
85	Study of nanostructured/amorphous silicon solar cell by impedance spectroscopy technique. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1880-1883.	1.5	28
86	Hydrogenated silicon carbon nitride films obtained by HWCVD, PA-HWCVD and PECVD techniques. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1361-1366.	1.5	45
87	Amorphous silicon position sensitive detectors applied to micropositioning. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1792-1796.	1.5	13
88	Characterization of nanocrystalline silicon carbide films. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1410-1415.	1.5	5
89	Silicon thin films prepared in the transition region and their use in solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2006, 90, 3001-3008.	3.0	17
90	Electrical properties of amorphous and nanocrystalline hydrogenated silicon films obtained by impedance spectroscopy. <i>Thin Solid Films</i> , 2006, 511-512, 390-393.	0.8	9

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91	Performances of an in-line PECVD system used to produce amorphous and nanocrystalline silicon solar cells. Thin Solid Films, 2006, 511-512, 238-242.	0.8	3
92	Role of hydrogen plasma on electrical and optical properties of ZGO, ITO and IZO transparent and conductive coatings. Thin Solid Films, 2006, 511-512, 295-298.	0.8	87
93	Insights on Amorphous Silicon Nip and MIS 3D Position Sensitive Detectors. Materials Science Forum, 2006, 514-516, 13-17.	0.3	2
94	Role of Hydrogen Plasma on the Electrical and Optical Properties of Indium Zinc Transparent Conductive Oxide. Materials Science Forum, 2006, 514-516, 63-67.	0.3	1
95	Multifunctional Thin Film Zinc Oxide Semiconductors: Application to Electronic Devices. Materials Science Forum, 2006, 514-516, 3-7.	0.3	6
96	Room temperature dc and ac electrical behaviour of undoped ZnO films under UV light. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 118, 135-140.	1.7	9
97	Role of buffer layer on the performances of amorphous silicon solar cells with incorporated nanoparticles produced by plasma enhanced chemical vapor deposition at 27.12 MHz. Thin Solid Films, 2005, 487, 170-173.	0.8	21
98	Polycrystalline intrinsic zinc oxide to be used in transparent electronic devices. Thin Solid Films, 2005, 487, 212-215.	0.8	50
99	Amorphous silicon-based PINIP structure for color sensor. Thin Solid Films, 2005, 487, 268-270.	0.8	5
100	Role of annealing environment on the performances of large area ITO films produced by rf magnetron sputtering. Thin Solid Films, 2005, 487, 271-276.	0.8	63
101	Characterization of silicon carbide thin films and their use in colour sensor. Solar Energy Materials and Solar Cells, 2005, 87, 343-348.	3.0	2
102	Influence of the layer thickness and hydrogen dilution on electrical properties of large area amorphous silicon p-i-n solar cell. Solar Energy Materials and Solar Cells, 2005, 87, 349-355.	3.0	5
103	Amorphous Silicon Based p-i-n Structure for Color Sensor. Materials Research Society Symposia Proceedings, 2005, 862, 951.	0.1	0
104	Flexible a-Si:H Position-Sensitive Detectors. Proceedings of the IEEE, 2005, 93, 1281-1286.	16.4	33
105	ZnO:Ga Thin Films Produced by RF Sputtering at Room Temperature: Effect of the Power Density. Materials Science Forum, 2004, 455-456, 12-15.	0.3	6
106	Effect of Annealing on Gold Rectifying Contacts in Amorphous Silicon. Materials Science Forum, 2004, 455-456, 96-99.	0.3	3
107	Composition, Structure and Optical Characteristics of Polymorphous Silicon Films Deposited by PECVD at 27.12 MHz. Materials Science Forum, 2004, 455-456, 100-103.	0.3	1
108	Growth of Polymorphous/Nanocrystalline Silicon Films Deposited by PECVD at 13.56 MHz. Materials Science Forum, 2004, 455-456, 532-535.	0.3	1

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109	Batch Processing Method to Deposit a-Si:H Films by PECVD. Materials Science Forum, 2004, 455-456, 104-107.	0.3	1
110	Detection Limits of a nip a-Si:H Linear Array Position Sensitive Detector. Materials Research Society Symposia Proceedings, 2004, 808, 263.	0.1	1
111	High quality conductive gallium-doped zinc oxide films deposited at room temperature. Thin Solid Films, 2004, 451-452, 443-447.	0.8	103
112	Properties of a-Si:H intrinsic films produced by HWP-CVD technique. Thin Solid Films, 2004, 451-452, 366-369.	0.8	0
113	New developments in gallium doped zinc oxide deposited on polymeric substrates by RF magnetron sputtering. Surface and Coatings Technology, 2004, 180-181, 20-25.	2.2	56
114	Flexible position sensitive photodetectors based on a-Si:H heterostructures. Sensors and Actuators A: Physical, 2004, 116, 119-124.	2.0	6
115	Ethanol vapour detector based in porous a-Si:H films produced by HW-CVD technique. Sensors and Actuators B: Chemical, 2004, 100, 236-239.	4.0	2
116	Porous a/nc-Si:H films produced by HW-CVD as ethanol vapour detector and primary fuel cell. Sensors and Actuators B: Chemical, 2004, 103, 344-349.	4.0	12
117	Zinc oxide as an ozone sensor. Journal of Applied Physics, 2004, 96, 1398-1408.	1.1	181
118	Characterization of the density of states of polymorphous silicon films produced at 13.56 and 27.12 MHz using CPM and SCLC techniques. Journal of Non-Crystalline Solids, 2004, 338-340, 206-210.	1.5	9
119	Characterization of silicon carbide thin films prepared by VHF-PECVD technology. Journal of Non-Crystalline Solids, 2004, 338-340, 530-533.	1.5	20
120	High field-effect mobility zinc oxide thin film transistors produced at room temperature. Journal of Non-Crystalline Solids, 2004, 338-340, 806-809.	1.5	124
121	Effect of an interfacial oxide layer in the annealing behaviour of Au/a-Si:H MIS photodiodes. Journal of Non-Crystalline Solids, 2004, 338-340, 810-813.	1.5	2
122	SPECTRAL RESPONSE OF LARGE AREA AMORPHOUS SILICON SOLAR CELLS. High Temperature Material Processes, 2004, 8, 293-299.	0.2	1
123	Polymorphous Silicon Films Deposited at 27.12 MHz. Chemical Vapor Deposition, 2003, 9, 333-337.	1.4	13
124	Influence of the deposition pressure on the properties of transparent and conductive ZnO:Ga thin-film produced by r.f. sputtering at room temperature. Thin Solid Films, 2003, 427, 401-405.	0.8	277
125	From porous to compact films by changing the onset conditions of HW-CVD process. Thin Solid Films, 2003, 427, 225-230.	0.8	5
126	New challenges on gallium-doped zinc oxide films prepared by r.f. magnetron sputtering. Thin Solid Films, 2003, 442, 102-106.	0.8	92

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127	Surface modification of a new flexible substrate based on hydroxypropylcellulose for optoelectronic applications. <i>Thin Solid Films</i> , 2003, 442, 127-131.	0.8	11
128	Combining HW-CVD and PECVD techniques to produce a-Si:H films. <i>Thin Solid Films</i> , 2003, 427, 231-235.	0.8	2
129	Growth of ZnO:Ga thin films at room temperature on polymeric substrates: thickness dependence. <i>Thin Solid Films</i> , 2003, 442, 121-126.	0.8	97
130	Highly Sensitive ZnO Ozone Detectors at Room Temperature. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L435-L437.	0.8	55
131	Large Area Deposition of Polymorphous Silicon by Plasma Enhanced Chemical Vapor Deposition at 27.12 MHz and 13.56 MHz. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 4935-4942.	0.8	31
132	Characterization of Transparent and Conductive ZnO:Ga Thin Films Produced by Rf Sputtering at Room Temperature. <i>Materials Research Society Symposia Proceedings</i> , 2003, 763, 5191.	0.1	1
133	Gallium zinc oxide coated polymeric substrates for optoelectronic applications. <i>Materials Research Society Symposia Proceedings</i> , 2003, 769, 941.	0.1	0
134	Hot-wire plasma assisted chemical vapor deposition: A deposition technique to obtain silicon thin films. <i>Journal of Applied Physics</i> , 2002, 91, 1644-1649.	1.1	3
135	Optical and Photoelectric Properties of PZT Films for Microelectronic Applications. <i>Key Engineering Materials</i> , 2002, 230-232, 563-566.	0.4	0
136	Influence of Hydrogen Gas Dilution on the Properties of Silicon-Doped Thin Films Prepared by the Hot-Wire Plasma-Assisted Technique. <i>Key Engineering Materials</i> , 2002, 230-232, 591-594.	0.4	0
137	Highly Conductive/Transparent ZnO:Al Thin Films Deposited at Room Temperature by rf Magnetron Sputtering. <i>Key Engineering Materials</i> , 2002, 230-232, 571-574.	0.4	2
138	Growth Model of Gas Species Produced by the Hot-Wire and Hot-Wire Plasma-Assisted Techniques. <i>Key Engineering Materials</i> , 2002, 230-232, 603-606.	0.4	0
139	New insights on large area flexible position sensitive detectors. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1272-1276.	1.5	27
140	32 linear array position sensitive detector based on NIP and hetero a-Si:H microdevices. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1283-1288.	1.5	10
141	a-Si:H interface optimisation for thin film position sensitive detectors produced on polymeric substrates. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1289-1294.	1.5	16
142	Metal-ferroelectric thin film devices. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1311-1315.	1.5	3
143	The properties of a-Si:H films deposited on Mylar substrates by hot-wire plasma assisted technique. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 30-35.	1.5	0
144	Influence of the Strain on the Electrical Resistance of Zinc Oxide Doped Thin Film Deposited on Polymer Substrates. <i>Advanced Engineering Materials</i> , 2002, 4, 610-612.	1.6	23

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145	Dependence of the Strains and Residual Mechanical Stresses on the Performances Presented by a-Si:H Thin Film Position Sensors. <i>Advanced Engineering Materials</i> , 2002, 4, 612-616.	1.6	6
146	Structural characterisation of NiTi thin film shape memory alloys. <i>Sensors and Actuators A: Physical</i> , 2002, 99, 55-58.	2.0	11
147	Engineering of a-Si:H device stability by suitable design of interfaces. <i>Solar Energy Materials and Solar Cells</i> , 2002, 73, 39-49.	3.0	4
148	Transparent, conductive ZnO:Al thin film deposited on polymer substrates by RF magnetron sputtering. <i>Surface and Coatings Technology</i> , 2002, 151-152, 247-251.	2.2	67
149	Composition and structure of silicon-carbide alloys obtained by hot wire and hot wire plasma assisted techniques. <i>Vacuum</i> , 2002, 64, 261-266.	1.6	10
150	Morphology and structure of nanocrystalline p-doped silicon films produced by hot wire technique. <i>Vacuum</i> , 2002, 64, 237-243.	1.6	11
151	Characterization of aluminium doped zinc oxide thin films deposited on polymeric substrates. <i>Vacuum</i> , 2002, 64, 233-236.	1.6	44
152	Silicon nanostructure thin film materials. <i>Vacuum</i> , 2002, 64, 219-226.	1.6	1
153	Nanostructured silicon films produced by PECVD. <i>Materials Research Society Symposia Proceedings</i> , 2001, 664, 961.	0.1	3
154	Thin Film Metal Oxide Semiconductors Deposited on Polymeric Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2001, 666, 1131.	0.1	0
155	Characterization of Zinc Oxide Thin Films Deposited by rf Magnetron Sputtering on Mylar Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2001, 666, 3211.	0.1	0
156	Zinc Oxide Thin Films Deposited by RF Magnetron Sputtering on Mylar Substrates at Room Temperature. <i>Materials Research Society Symposia Proceedings</i> , 2001, 685, 1.	0.1	0
157	Thin Film Metal Oxide Semiconductors Deposited on Polymeric Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2001, 685, 1.	0.1	0
158	Correlation between the carbon and hydrogen contents with the gas species and the plasma impedance of silicon carbide films produced by PECVD technique. <i>Applied Surface Science</i> , 2001, 184, 101-106.	3.1	1
159	Silicon carbide photodiodes: Schottky and PINIP structures. <i>Applied Surface Science</i> , 2001, 184, 437-442.	3.1	4
160	Silicon carbide alloys produced by hot wire, hot wire plasma-assisted and plasma-enhanced CVD techniques. <i>Applied Surface Science</i> , 2001, 184, 8-19.	3.1	16
161	Role of ion bombardment and plasma impedance on the performances presented by undoped a-Si:H films. <i>Thin Solid Films</i> , 2001, 383, 165-168.	0.8	8
162	Production and characterization of large area flexible thin film position sensitive detectors. <i>Thin Solid Films</i> , 2001, 383, 310-313.	0.8	14

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163	Nanocrystalline p-type silicon films produced by hot wire plasma assisted technique. Materials Science and Engineering C, 2001, 15, 137-140.	3.8	2
164	Role of the gas pressure and hydrogen dilution on the properties of large area nanocrystalline p-type silicon films produced by hot wire technique. Materials Science and Engineering C, 2001, 15, 141-144.	3.8	3
165	New Steps to Improve a-Si:H Device Stability by Design of the Interfaces. Advanced Engineering Materials, 2001, 3, 170-173.	1.6	0
166	Application of Amorphous Silicon Thin-Film Position-Sensitive Detector to Optical Rules. Advanced Engineering Materials, 2001, 3, 174-177.	1.6	7
167	Mass spectroscopy analysis during the deposition of a-SiC:H and a-C:H films produced by hot wire and hot wire plasma-assisted techniques. Applied Surface Science, 2001, 184, 60-65.	3.1	7
168	Thin film position sensitive detectors based on pin amorphous silicon carbide structures. Applied Surface Science, 2001, 184, 443-447.	3.1	14
169	New nanostructured silicon films grown by PECVD technique under controlled powder formation conditions. Solar Energy, 2001, 69, 263-269.	2.9	5
170	Towards the improvement of the stability of a-Si:H pin devices. Solar Energy, 2001, 69, 257-262.	2.9	5
171	Silicon Films Produced by PECVD under Powder Formation Conditions. Materials Science Forum, 2001, 382, 21-30.	0.3	0
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