

Olinda Conde

List of Publications by Year in descending order

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115
papers

1,819
citations

279701

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116
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docs citations

116
times ranked

2077
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological, optical and photovoltaic characteristics of MoSe ₂ /SiO _x /Si heterojunctions. Scientific Reports, 2020, 10, 1215.	1.6	13
2	Resistive switching in MoSe ₂ /BaTiO ₃ hybrid structures. Journal of Materials Chemistry C, 2017, 5, 10353-10359.	2.7	22
3	Co and (Co,Mo) doping effects on the properties of highly reduced TiO ₂ anatase thin films. Current Applied Physics, 2017, 17, 174-180.	1.1	6
4	Influence of substrate temperature on the properties of pulsed laser deposited silver nanoparticle thin films and their application in SERS detection of bovine serum albumin. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	13
5	Electrical switching of magnetization in a layer of $\hat{\pm}$ -Fe with a naturally hydroxidized surface. Journal of Materials Chemistry C, 2016, 4, 7751-7755.	2.7	2
6	Argon assisted chemical vapor deposition of CrO ₂ : An efficient process leading to high quality epitaxial films. Journal of Alloys and Compounds, 2016, 684, 98-104.	2.8	7
7	Laser-induced diffusion decomposition in Fe ^v thin-film alloys. Applied Surface Science, 2015, 336, 380-384.	3.1	2
8	Structural, optical and magnetic properties of pulsed laser deposited Co-doped ZnO films. Journal of Magnetism and Magnetic Materials, 2015, 395, 28-33.	1.0	13
9	Current transport and thermoelectric properties of very high power factor Fe ₃ O ₄ /SiO ₂ /p-type Si(001) devices. Journal of Applied Physics, 2014, 115, 033709.	1.1	12
10	Recent advances in vacuum sciences and applications. Journal Physics D: Applied Physics, 2014, 47, 153001.	1.3	33
11	IBA study of SiGe/SiO ₂ nanostructured multilayers. Nuclear Instruments & Methods in Physics Research B, 2014, 331, 89-92.	0.6	3
12	Charge storage behavior of nanostructures based on SiGe nanocrystals embedded in Al ₂ O ₃ matrix. European Physical Journal B, 2013, 86, 1.	0.6	5
13	Andreev spectroscopy of CrO ₂ thin films on TiO ₂ and Al ₂ O ₃ . Europhysics Letters, 2013, 103, 67005.	0.7	13
14	Phase growth control in low temperature PLD Co: TiO ₂ films by pressure. Current Applied Physics, 2013, 13, 670-676.	1.1	17
15	Sub-micron structuring of silicon using femtosecond laser interferometry. Optics and Laser Technology, 2013, 54, 428-431.	2.2	14
16	Structural, electrical and magnetic studies of Co:SnO ₂ and (Co,Mo):SnO ₂ films prepared by pulsed laser deposition. Applied Surface Science, 2013, 278, 127-131.	3.1	27
17	Device quality InO _x :Sn and InO _x thin films deposited at room temperature with different rf-power densities. Thin Solid Films, 2012, 526, 221-224.	0.8	1
18	Influence of annealing conditions on the formation of regular lattices of voids and Ge quantum dots in an amorphous alumina matrix. Nanotechnology, 2012, 23, 405605.	1.3	8

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19	Evidences for direct magnetic patterning via diffusive transformations using femtosecond laser interferometry. Applied Physics Letters, 2012, 101, 132408.	1.5	14
20	Structural and electrical studies of ultrathin layers with Si _{0.7} Ge _{0.3} nanocrystals confined in a SiGe/SiO ₂ superlattice. Journal of Applied Physics, 2012, 111, 104323.	1.1	10
21	Very high thermoelectric power factor in a Fe ₃ O ₄ /SiO ₂ /p-type Si(100) heterostructure. Applied Physics Letters, 2012, 101, .	1.5	22
22	Laser surface patterning using a Michelson interferometer and femtosecond laser radiation. Optics and Laser Technology, 2012, 44, 2072-2075.	2.2	23
23	Transparent p-type Cu _x S thin films. Journal of Alloys and Compounds, 2011, 509, 5099-5104.	2.8	50
24	Influence of the deposition parameters on the growth of SiGe nanocrystals embedded in Al ₂ O ₃ matrix. Microelectronic Engineering, 2011, 88, 509-513.	1.1	8
25	Cr ₂ O ₃ thin films grown at room temperature by low pressure laser chemical vapour deposition. Thin Solid Films, 2011, 519, 3653-3657.	0.8	29
26	THERMAL STABILITY OF ENERGY-EMISSION FROM CdTe NANOCRYSTALS EMBEDDED IN SiO ₂ THIN FILMS. Modern Physics Letters B, 2010, 24, 2837-2843.	1.0	0
27	Coexistence of Universal and Topological Anomalous Hall Effects in Metal CrO ₂ Thin Films in the Dirty Limit. Physical Review Letters, 2009, 102, 227201.	2.9	19
28	Post growing annealing effect on the optical, electrical and structural properties of CdSe nanocrystals embedded in silica thin films. Thin Solid Films, 2009, 517, 2538-2540.	0.8	7
29	Temperature dependence of photoluminescence from CdSe nanocrystals embedded in silica matrix. Journal of Luminescence, 2009, 129, 1235-1238.	1.5	2
30	Morphological and optical properties of silicon thin films by PLD. Applied Surface Science, 2009, 255, 5299-5302.	3.1	9
31	Photosensitivity of nanocrystalline ZnO films grown by PLD. Applied Surface Science, 2009, 255, 5917-5921.	3.1	9
32	Role of rf power on the properties of undoped SnO _x films deposited by rf-PERTE at low substrate temperature. Surface and Coatings Technology, 2008, 202, 3893-3896.	2.2	1
33	Spectroscopic ellipsometry study of Co-doped TiO ₂ films. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 880-883.	0.8	11
34	Confinement effect in CdTe nanocrystals embedded in silica thin films. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1500-1504.	0.8	4
35	Annealing effect on the photoluminescence of Ge-doped silica films. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 674-679.	1.3	5
36	Raman and XRD studies of Ge nanocrystals in alumina films grown by RF-magnetron sputtering. Vacuum, 2008, 82, 1466-1469.	1.6	25

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37	Charging effects in CdSe nanocrystals embedded in SiO ₂ matrix produced by rf magnetron sputtering. <i>Microelectronic Engineering</i> , 2008, 85, 2374-2377.	1.1	11
38	Structural and Microanalytical Studies of CrO ₂ Thin Films on c-Sapphire by High Resolution Electron Microscopy Methods. <i>Microscopy and Microanalysis</i> , 2008, 14, 47-48.	0.2	0
39	Structural and Optical Properties of Ge Nanocrystals Embedded in Al ₂ O ₃ . <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 572-576.	0.9	8
40	The spin polarization of CrO ₂ revisited. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	29
41	Influence of Growth Temperature and Carrier Flux on the Structure and Transport Properties of Highly Oriented CrO ₂ on Al ₂ O ₃ (0001). <i>Chemical Vapor Deposition</i> , 2007, 13, 537-545.	1.4	21
42	ZnO films grown by laser ablation with and without oxygen CVD. <i>Superlattices and Microstructures</i> , 2007, 42, 152-157.	1.4	17
43	Magnetic properties of Fe ₃ O ₄ thin films grown on different substrates by laser ablation. <i>Applied Surface Science</i> , 2007, 253, 8201-8205.	3.1	18
44	Magnetoresistance of magnetite thin films grown by pulsed laser deposition on GaAs(100) and Al ₂ O ₃ (0001). <i>Applied Surface Science</i> , 2007, 254, 1255-1259.	3.1	5
45	Magneto-Optical Properties of Co-doped TiO ₂ Thin Films Grown by Pulsed Laser Deposition. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
46	Study of the oxygen role in the photoluminescence of erbium doped nanocrystalline silicon embedded in a silicon amorphous matrix. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1148-1151.	1.5	2
47	Optical and magnetic properties of Co-doped TiO ₂ thin films grown by pulsed laser deposition. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1486-1489.	1.5	11
48	InOx semiconductor films deposited on glass substrates for transparent electronics. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2315-2318.	1.5	30
49	Transparent thin film transistors based on indium oxide semiconductor. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2311-2314.	1.5	48
50	PLD of Fe ₃ O ₄ thin films: Influence of background gas on surface morphology and magnetic properties. <i>Applied Surface Science</i> , 2006, 252, 4610-4614.	3.1	33
51	Cr ion implantation into Ti. <i>Surface and Coatings Technology</i> , 2006, 200, 3907-3912.	2.2	4
52	CVD of CrO ₂ : Towards a Lower Temperature Deposition Process. <i>Chemical Vapor Deposition</i> , 2006, 12, 712-714.	1.4	16
53	CVD of CrO ₂ ; Thin Films: Influence of the Deposition Parameters on their Structural and Magnetic Properties. <i>Materials Science Forum</i> , 2006, 514-516, 284-288.	0.3	2
54	Morphological and structural characterization of CrO ₂ /Cr ₂ O ₃ films grown by Laser-CVD. <i>Applied Surface Science</i> , 2005, 247, 423-428.	3.1	64

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55	UV pulsed laser deposition of magnetite thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 118, 246-249.	1.7	17
56	Iron Oxide Thin Films Grown by Pulsed Laser Deposition. , 2005, , 457-461.		0
57	KrF Laser CVD of Chromium Oxide by Photodissociation of Cr(CO) ₆ . <i>Materials Science Forum</i> , 2004, 455-456, 20-24.	0.3	5
58	Carbon solubility in nanostructured copper. <i>Scripta Materialia</i> , 2004, 50, 963-967.	2.6	38
59	Laser-assisted deposition of thin films from photoexcited vapour phases. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 489-497.	1.1	20
60	KrF pulsed laser deposition of chromium oxide thin films from Cr ₈ O ₂₁ targets. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1409-1411.	1.1	32
61	HRTEM and GIXRD studies of CdS nanocrystals embedded in Al ₂ O ₃ films produced by magnetron RF-sputtering. <i>Journal of Crystal Growth</i> , 2003, 247, 371-380.	0.7	20
62	Emission characteristics of the plasma plume generated during KrF laser ablation of a Cr ₂ O ₃ target in vacuum. <i>Applied Surface Science</i> , 2003, 208-209, 90-95.	3.1	2
63	UV pulsed laser deposition from Al ₂ O ₃ -TiC ceramic composites. <i>Applied Surface Science</i> , 2003, 208-209, 522-526.	3.1	2
64	The Structure and Photoluminescence of Erbium-Doped Nanocrystalline Silicon Thin Films Produced by Reactive Magnetron Sputtering. <i>Solid State Phenomena</i> , 2002, 82-84, 637-644.	0.3	1
65	The Role of Carbon Precursor in Boron Carbide Synthesis by Laser-CVD. <i>Key Engineering Materials</i> , 2002, 230-232, 56-59.	0.4	6
66	Effect of rf power on the properties of ITO thin films deposited by plasma enhanced reactive thermal evaporation on unheated polymer substrates. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1208-1212.	1.5	19
67	Laser ablation of Al ₂ O ₃ -TiC: a spectroscopic investigation. <i>Applied Surface Science</i> , 2002, 186, 309-314.	3.1	8
68	Laser-assisted deposition of r-B ₄ C coatings using ethylene as carbon precursor. <i>Surface and Coatings Technology</i> , 2002, 151-152, 160-164.	2.2	20
69	Formation of Al-Fe surface alloys by ion implantation of Fe in Al. <i>Surface and Coatings Technology</i> , 2002, 158-159, 339-342.	2.2	6
70	UV Laser Micromachining of Ceramic Materials: Formation of Columnar Topographies. <i>Advanced Engineering Materials</i> , 2001, 3, 75-81.	1.6	22
71	Synthesis of cobalt silicide on porous silicon by high dose ion implantation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 178, 283-286.	0.6	3
72	Synthesis and properties of B _x C _y N _z coatings. <i>Journal of Materials Research</i> , 2001, 16, 734-743.	1.2	16

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73	Combined Analyses of Ion Beam Synthesized Layers in Porous Silicon. Acta Physica Polonica A, 2001, 100, 773-780.	0.2	0
74	XeCl laser ablation of Al ₂ O ₃ –TiC ceramics. Applied Surface Science, 2000, 154-155, 29-34.	3.1	16
75	Modification and characterization of Al surfaces implanted with Cr ions. Surface and Coatings Technology, 2000, 128-129, 166-169.	2.2	8
76	Influence of carbon content on the crystallographic structure of boron carbide films. Surface and Coatings Technology, 2000, 125, 141-146.	2.2	46
77	Structural and magnetic studies of Fe-implanted α -Al ₂ O ₃ . Surface and Coatings Technology, 2000, 128-129, 434-439.	2.2	23
78	Channeled ion beam synthesis of HfSi ₂ . Nuclear Instruments & Methods in Physics Research B, 2000, 161-163, 909-912.	0.6	0
79	Ion beam synthesis of chromium silicide on porous silicon. Nuclear Instruments & Methods in Physics Research B, 2000, 161-163, 926-930.	0.6	13
80	Femtosecond ultraviolet laser micromachining of Al ₂ O ₃ –TiC ceramics. Journal of Laser Applications, 1999, 11, 211-215.	0.8	8
81	Structural characterization of C _x ByN _z (x=0.1 to x=0.2) layers obtained by laser-driven synthesis. Thin Solid Films, 1999, 340, 95-105.	0.8	10
82	Structural, chemical and optical characterisation of Ge-doped SiO ₂ glass films grown by magnetron rf-sputtering. Journal of Materials Processing Technology, 1999, 92-93, 269-273.	3.1	13
83	Laser-assisted CVD of boron carbide at atmospheric pressure. Applied Surface Science, 1999, 138-139, 159-164.	3.1	18
84	Formation of coherent precipitates of platinum in sapphire. Nuclear Instruments & Methods in Physics Research B, 1999, 148, 1049-1053.	0.6	14
85	Crystallographic structure of Al ₃ Nb in laser-processed Al–Nb alloys. Intermetallics, 1999, 7, 1227-1233.	1.8	22
86	Laser assisted chemical vapour deposition of silicon oxide layers. Journal of Luminescence, 1998, 80, 141-145.	1.5	7
87	Structural and optical studies of CdS nanocrystals embedded in silicon dioxide films. Thin Solid Films, 1998, 318, 108-112.	0.8	23
88	Structural properties of Ge nano-crystals embedded in SiO ₂ films from X-ray diffraction and Raman spectroscopy. Thin Solid Films, 1998, 336, 58-62.	0.8	22
89	TiN films deposited by laser CVD: a growth kinetics study. Surface and Coatings Technology, 1998, 100-101, 153-159.	2.2	6
90	XPS investigation of B _x N _y C _z coatings deposited by laser assisted chemical vapour desposition. Surface and Coatings Technology, 1998, 100-101, 398-403.	2.2	26

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91	Excimer laser ablation of Al ₂ O ₃ -TiC ceramics: laser induced modifications of surface topography and structure. Applied Surface Science, 1998, 127-129, 831-836.	3.1	31
92	Laser ablation of Al ₂ O ₃ -TiC ceramics: influence of laser fluence. , 1998, , .		2
93	Micromachining of Al ₂ O ₃ -TiC ceramics by excimer laser. Revista De Metalurgia, 1998, 34, 206-209.	0.1	1
94	Laser micromachining of Al ₂ O ₃ -TiC ceramics. Journal of Materials Research, 1997, 12, 3206-3209.	1.2	21
95	Deposition of boron carbide by laser CVD: a comparison with thermodynamic predictions. Thin Solid Films, 1997, 307, 29-37.	0.8	38
96	Growth of TiC films by thermal laser-assisted chemical vapour deposition. Applied Surface Science, 1997, 109-110, 554-558.	3.1	10
97	Boron Carbide Thin Films Prepared by CO ₂ Laser Assisted Chemical Vapour Deposition. , 1997, , 99-109.		2
98	Structural characterisation of B ₄ C films deposited by laser-assisted CVD. Surface and Coatings Technology, 1996, 80, 100-104.	2.2	45
99	Formation of Al ₁₃ Cr ₂ intermetallic phase by Cr ion implantation. Surface and Coatings Technology, 1996, 83, 60-64.	2.2	14
100	Laser Chemical Vapour Deposition of Titanium-Based Hard Coatings. , 1996, , 665-691.		0
101	Excimer laser machining of Al ₂ O ₃ -TiC. , 1996, , .		0
102	Temperature Dependence and Annealing Behaviour of Hf Implanted (100)Si: HfSi ₂ Synthesis. Materials Research Society Symposia Proceedings, 1995, 402, 593.	0.1	1
103	Laser-assisted deposition of TiN and TiC coatings. , 1995, , .		1
104	Electrochemical studies of laser-treated Co-Cr-Mo alloy in a simulated physiological solution. Journal of Materials Science: Materials in Medicine, 1994, 5, 353-356.	1.7	15
105	Structure and morphology of titanium nitride films deposited by laser-induced chemical vapour deposition. Journal of Materials Science, 1994, 29, 404-411.	1.7	23
106	Investigation of the microstructure, chemical composition and lateral growth kinetics of TiN films deposited by laser-induced chemical vapour deposition. Thin Solid Films, 1994, 241, 57-60.	0.8	14
107	Structure and morphology of laser assisted chemical vapour deposited TiC coatings. European Physical Journal Special Topics, 1993, 03, C3-217-C3-224.	0.2	4
108	Laser chemical vapor deposition of TiN dots: A comparison of theoretical and experimental results. Journal of Applied Physics, 1992, 72, 754-761.	1.1	39

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109	CO2 laser induced CVD of TiN. Applied Surface Science, 1992, 54, 130-134.	3.1	25
110	Electrochemical behaviour of laser treated AISI 316L stainless steel surfaces in a physiological solution. Clinical Materials, 1991, 7, 31-37.	0.5	5
111	Depolarized light scattering of heavy water, and hydrogen bond dynamics. Molecular Physics, 1984, 53, 951-959.	0.8	65
112	ACOUSTIC PROPERTIES OF WATER-ETHANOL MIXTURES AT LOW TEMPERATURES. Journal De Physique Colloque, 1984, 45, C7-185-C7-193.	0.2	1
113	Hydrogen bond dynamics in water studied by depolarized Rayleigh scattering. Journal De Physique, 1983, 44, 525-529.	1.8	92
114	Analysis of sound velocity in supercooled H2O, D2O, and water-ethanol mixtures. Journal of Chemical Physics, 1982, 76, 3747-3753.	1.2	69
115	Analysis of the dispersion of the sound velocity in supercooled water. Journal De Physique, 1980, 41, 997-1000.	1.8	11