

Mariuca Gartner

List of Publications by Year in descending order

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2662
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#	ARTICLE	IF	CITATIONS
1	Investigation of the Effects of Rapid Thermal Annealing on the Electron Transport Mechanism in Nitrogen-Doped ZnO Thin Films Grown by RF Magnetron Sputtering. <i>Nanomaterials</i> , 2022, 12, 19.	1.9	6
2	The ellipsometry versatility in the study of sol-gel films. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 1-23.	1.1	8
3	Optical, microstructural and vibrational properties of sol-gel ITO films. <i>Optical Materials</i> , 2021, 114, 110999.	1.7	15
4	Study of silicon surface layers modified by hydrogen plasma immersion ion implantation and oxidation. <i>Journal of Physics: Conference Series</i> , 2020, 1492, 012056.	0.3	0
5	High-quality PMMA/ZnO NWs piezoelectric coating on rigid and flexible metallic substrates. <i>Applied Surface Science</i> , 2020, 529, 147135.	3.1	23
6	Inter-trap tunneling in vanadium doped TiO ₂ sol-gel films. <i>Materials Research Bulletin</i> , 2020, 127, 110854.	2.7	4
7	Nitrite electrochemical sensing platform based on tin oxide films. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128102.	4.0	32
8	Sensing Layer for Ni Detection in Water Created by Immobilization of Bioengineered Flagellar Nanotubes on Gold Surfaces. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3811-3820.	2.6	7
9	Methods for the Integration of New Architectural Nanostructures with MEMS Systems for Sensors and Harvester Devices. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2279-2279.	0.0	0
10	Optical Properties of Oxidized, Hydrogenated, and Native Zirconium Surfaces for Wavelengths from 0.3 to 25 μm A Study by Ex Situ and In Situ Spectroscopic Ellipsometry. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800676.	0.8	1
11	Optical and Piezoelectric Properties of Mn-Doped ZnO Films Deposited by Sol-Gel and Hydrothermal Methods. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-12.	1.5	11
12	Piezoelectric 1-D nanostructures for the energy harvesting applications. , 2019, , .		0
13	Surface modification and chemical sensitivity of sol gel deposited nanocrystalline ZnO films. <i>Materials Chemistry and Physics</i> , 2018, 209, 165-171.	2.0	18
14	New system for nitrites and nitrates detection from natural water sources. , 2018, , .		1
15	Electrochemical Sensors for Detection of Different Ionic Species (Nitrites/Nitrates and Heavy Metals) in Natural Water Sources. , 2018, , .		0
16	Investigation of the Atomic Structure of Ge-Sb-Se Chalcogenide Glasses. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-11.	0.4	9
17	Sol-gel Zn, Fe modified SnO ₂ powders for CO sensors and magnetic applications. <i>Chemical Engineering Research and Design</i> , 2018, 117, 722-729.	2.7	9
18	Tubular and Spherical SiO ₂ Obtained by Sol Gel Method for Lipase Immobilization and Enzymatic Activity. <i>Molecules</i> , 2018, 23, 1362.	1.7	14

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19	Influence of compositional variation on the optical and morphological properties of Ge Sb Se films for optoelectronics application. <i>Infrared Physics and Technology</i> , 2018, 93, 260-270.	1.3	12
20	Optical, morphological and durability studies of quaternary chalcogenide Ge-Sb(As)-(S,Te) films. <i>Materials Research Bulletin</i> , 2018, 106, 234-242.	2.7	8
21	Influence of laser pulse frequency on the microstructure of aluminum nitride thin films synthesized by pulsed laser deposition. <i>Applied Surface Science</i> , 2017, 394, 197-204.	3.1	13
22	Miniaturised MOX based sensors for pollutant and explosive gases detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 647-655.	4.0	21
23	Synthesis method and substrate influence on TiO ₂ films doped with low vanadium content. <i>Materials Science in Semiconductor Processing</i> , 2017, 68, 118-127.	1.9	4
24	TEM and AFM studies of aluminium nitride films synthesized by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	2
25	Nanostructured SnO ₂ /ZnO composite gas sensors for selective detection of carbon monoxide. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 2045-2056.	1.5	34
26	Optical characterization of composite layers prepared by plasma polymerization. <i>Journal of Physics: Conference Series</i> , 2016, 682, 012025.	0.3	1
27	Sol-gel versus sputtering indium tin oxide films as transparent conducting oxide materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 4913-4922.	1.1	27
28	Structure and properties of the V-doped TiO ₂ thin films obtained by sol-gel and microwave-assisted sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 589-599.	1.1	23
29	Tin-Zinc oxide composite ceramics for selective CO sensing. <i>Ceramics International</i> , 2016, 42, 16677-16684.	2.3	13
30	Niobium/Vanadium doped TiO ₂ multilayered sol-gel films: Structure, surface chemistry and optical properties. <i>Ceramics International</i> , 2016, 42, 13805-13811.	2.3	10
31	High atomic diffusivity during pulsed laser irradiation of TiON quasi-amorphous films. <i>Applied Surface Science</i> , 2016, 374, 248-251.	3.1	3
32	Structural, textural, surface chemistry and sensing properties of mesoporous Pr, Zn modified SnO ₂ /TiO ₂ powder composites. <i>Ceramics International</i> , 2016, 42, 14992-14998.	2.3	5
33	Multi-stage pulsed laser deposition of aluminum nitride at different temperatures. <i>Applied Surface Science</i> , 2016, 374, 143-150.	3.1	14
34	CO sensing properties of SnO ₂ /CeO ₂ mixed oxides. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 551-563.	0.8	11
35	Nb-doped TiO ₂ sol-gel films for CO sensing applications. <i>Materials Science in Semiconductor Processing</i> , 2016, 42, 397-404.	1.9	35
36	Structural and electrical properties of Nb doped TiO ₂ films prepared by the sol-gel layer-by-layer technique. <i>Materials Research Bulletin</i> , 2016, 74, 15-20.	2.7	15

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37	Properties of In ⁺ N codoped p-type ZnO nanorods grown through a two-step chemical route. Applied Surface Science, 2015, 344, 196-204.	3.1	25
38	Determination of the Fermi level position in dilute magnetic Ga _{1-x} Mn _x N films. Journal of Applied Physics, 2014, 115, 123706.	1.1	6
39	Coloured TiO ₂ based glazing obtained by spray pyrolysis for solar thermal applications. Ceramics International, 2014, 40, 3903-3911.	2.3	12
40	Influence of the substrate type on the microstructural, optical and electrical properties of sol-gel ITO films. Journal of Sol-Gel Science and Technology, 2014, 71, 303-312.	1.1	10
41	Effect of polyethylene glycol on porous transparent TiO ₂ films prepared by sol-gel method. Ceramics International, 2014, 40, 2209-2220.	2.3	37
42	ZnO based transparent conductive oxide films with controlled type of conduction. Thin Solid Films, 2014, 571, 727-734.	0.8	17
43	Surface topographic study of chalcogenide thin films of Ge _x Sb _(As) _{40-x} S ₅₀ Te ₁₀ glasses. Micron, 2014, 59, 1-7.	1.1	2
44	Substrate impact on optical and microstructural properties of TiO ₂ -PEG sol-gel films. Ceramics International, 2014, 40, 11803-11811.	2.3	9
45	Effect of nitrogen incorporation on the structural, optical and dielectric properties of reactive sputter grown ITO films. Applied Surface Science, 2014, 313, 311-319.	3.1	13
46	VIS/IR spectroscopy of thin AlN films grown by pulsed laser deposition at 400 ^o C and 800 ^o C and various N ₂ pressures. Journal of Physics: Conference Series, 2014, 514, 012001.	0.3	10
47	XPS study of nanoscale SiO _x N _y layers synthesized by plasma immersion implantation of nitrogen. Journal of Physics: Conference Series, 2014, 514, 012035.	0.3	1
48	Surface morphology of RF plasma immersion H ⁺ ion implanted and oxidized Si(100) surface. Journal of Physics: Conference Series, 2014, 514, 012036.	0.3	0
49	Electrical characterization of In-N codoped p-type ZnO films grown by chemical methods. Journal of Physics: Conference Series, 2014, 558, 012038.	0.3	0
50	Influence of thermal treatment in N ₂ atmosphere on chemical, microstructural and optical properties of indium tin oxide and nitrogen doped indium tin oxide rf-sputtered thin films. Thin Solid Films, 2013, 541, 121-126.	0.8	14
51	Structure, morphology and optical properties of multilayered sol-gel BaTi _{0.85} Zr _{0.15} O ₃ thin films. Applied Surface Science, 2013, 265, 510-518.	3.1	13
52	Synthesis and optical properties of Ni doped SnO ₂ films. Proceedings of SPIE, 2012, , .	0.8	1
53	Optical investigations of tin and zinc oxides as TCOs films. , 2012, , .		4
54	Hybrid sol-gel silica films with (TiO ₂ -CeO ₂) binary nanopowders. Journal of Physics: Conference Series, 2012, 356, 012018.	0.3	0

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55	Surface topography and optical properties of Ge-Sb(As)-S-Te thin films by atomic-force microscopy and variable angle spectroscopic ellipsometry. Journal of Physics: Conference Series, 2012, 356, 012019.	0.3	3
56	IR studies of impurities in chalcogenide glasses and thin films of the Ge-Sb-S-Te system. Journal of Physics: Conference Series, 2012, 356, 012047.	0.3	11
57	Annealing of Si surface region modified by plasma immersion implantation of nitrogen. Journal of Physics: Conference Series, 2012, 356, 012031.	0.3	1
58	Infrared ellipsometry as an investigation tool of thin layers grown into plasma immersion N+ implanted silicon. Applied Surface Science, 2012, 258, 7195-7201.	3.1	5
59	Influence of the substrate and nitrogen amount on the microstructural and optical properties of thin r.f.-sputtered ZnO films treated by rapid thermal annealing. Applied Surface Science, 2012, 261, 815-823.	3.1	11
60	High-reflectivity II-VI-based distributed Bragg reflectors for the blue-violet spectral range. Applied Physics Letters, 2011, 99, 151101.	1.5	12
61	Optical and structural characterization of AlInN layers for optoelectronic applications. Journal of Applied Physics, 2010, 108, .	1.1	57
62	Band gap bowing of binary alloys: Experimental results compared to theoretical tight-binding supercell calculations for $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. Physical Review B, 2010, 82, .	1.1	26
63	SiO ₂ nanospheres and tubes obtained by sol-gel method. Journal of Non-Crystalline Solids, 2010, 356, 2634-2640.	1.5	21
64	The effect of thermal treatment on antibacterial properties of nanostructured TiO ₂ (N) films illuminated with visible light. World Journal of Microbiology and Biotechnology, 2009, 25, 27-31.	1.7	29
65	Atomic force microscopy study of TiO ₂ sol-gel films thermally treated under NH ₃ atmosphere. Thin Solid Films, 2009, 517, 6243-6247.	0.8	28
66	Hydroxyapatite films obtained by sol-gel and sputtering. Thin Solid Films, 2008, 516, 8112-8116.	0.8	35
67	Investigation on the nitrogen doping of multilayered, porous TiO ₂ thin films. Thin Solid Films, 2008, 516, 8184-8189.	0.8	32
68	Depth profiling Raman spectroscopy of a thin YBa ₂ Cu ₃ O _{7-δ} film. Thin Solid Films, 2008, 516, 8190-8194.	0.8	9
69	Correlation between the method of preparation and the properties of the sol-gel HfO ₂ thin films. Journal of Non-Crystalline Solids, 2008, 354, 409-415.	1.5	24
70	TiO ₂ -SiO ₂ sol-gel hybrid films and their sensitivity to gaseous toluene. Journal of Non-Crystalline Solids, 2008, 354, 693-699.	1.5	11
71	The influence of deep levels on the admittance of MIS structures with sol-gel TiO ₂ insulator film. , 2008, , .		0
72	Simulation Studies for Random Sequential Adsorption in Narrow Slit: Two-Dimensional Parking Model. Bulletin of the Korean Chemical Society, 2008, 29, 873-875.	1.0	3

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73	Doped Sol-gel TiO ₂ Films for Biological Applications. Bulletin of the Korean Chemical Society, 2008, 29, 1038-1042.	1.0	9
74	SiO ₂ -TiO ₂ Undoped or (Er ³⁺) Doped Thin Layers for Integrate Optics Prepared by Sol-Gel Method. Semiconductor Conference, 2009 CAS 2009 International, 2007, , .	0.0	2
75	In situ observation of Zn-induced etching during CdSe quantum dot formation using time-resolved ellipsometry. Applied Physics Letters, 2007, 90, 221102.	1.5	7
76	Optical and Microstructural Properties of Sol-Gel TiO _x N _y Thin Films. Semiconductor Conference, 2009 CAS 2009 International, 2007, , .	0.0	0
77	Structural and optical properties of the SiO ₂ -P ₂ O ₅ films obtained by sol-gel method. Thin Solid Films, 2007, 515, 6601-6605.	0.8	18
78	Preparation of BiFeO ₃ films by wet chemical method and their characterization. Journal of the European Ceramic Society, 2007, 27, 937-940.	2.8	54
79	Chemical solution deposition and characterization of BiFeO ₃ thin films. Journal of the European Ceramic Society, 2007, 27, 4417-4420.	2.8	37
80	SiO _x -P ₂ O ₅ films promising components in photonic structure. Optical and Quantum Electronics, 2007, 39, 511-521.	1.5	15
81	Deposition and characterization of BiFeO ₃ thin films on different substrates. Journal of Materials Science: Materials in Electronics, 2007, 18, 187-190.	1.1	3
82	Optical characterization of In _x Ga _{1-x} N alloys. Applied Surface Science, 2006, 253, 254-257.	3.1	8
83	Optical characterization and microstructure of BaTiO ₃ thin films obtained by RF-magnetron sputtering. Applied Surface Science, 2006, 253, 344-348.	3.1	90
84	Spectroscopic and X-ray diffraction study of high T _c epitaxial YBCO thin films obtained by pulsed laser deposition. Applied Surface Science, 2006, 253, 400-404.	3.1	5
85	Photothermal and photocatalytic processes on TiO ₂ based materials prepared by sol-gel method. Journal of Sol-Gel Science and Technology, 2006, 37, 175-178.	1.1	9
86	Loss of phosphorous in silica-phosphate sol-gel films. Journal of Sol-Gel Science and Technology, 2006, 40, 325-333.	1.1	16
87	Stabilization of the anatase phase in TiO ₂ (Fe ³⁺ , PEG) nanostructured coatings. Applied Surface Science, 2006, 253, 367-371.	3.1	15
88	Optical and Structural Properties of SnO ₂ -Based Sol-Gel Thin Films. , 2006, , .		4
89	Fermi Level Pinning at n-GaAs(110) Electrodes. , 2006, , 257-262.		2
90	Deposition and characterisation of bismuth oxide thin films. Journal of the European Ceramic Society, 2005, 25, 2171-2174.	2.8	71

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91	Spectroellipsometric study of the sol-gel nanocrystalline ITO multilayer films. <i>Thin Solid Films</i> , 2004, 455-456, 509-512.	0.8	22
92	Spectroellipsometric characterization of sol-gel TiO ₂ -CuO thin coatings. <i>Thin Solid Films</i> , 2004, 455-456, 417-421.	0.8	19
93	Sol-Gel SiO ₂ -ZrO ₂ Coatings for Optical Applications. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 32, 167-172.	1.1	9
94	Hybrid Inorganic-Organic Sol-Gel Coatings in the SiO ₂ -TiO ₂ System. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 32, 173-177.	1.1	8
95	Optical properties of silicon thin films related to LPCVD growth condition. <i>Thin Solid Films</i> , 2004, 450, 105-110.	0.8	20
96	Spectroellipsometric Characterization of Multilayer Sol-Gel Fe ₂ O ₃ Films. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 745-748.	1.1	24
97	TiO ₂ (Fe ³⁺) nanostructured thin films with antibacterial properties. <i>Thin Solid Films</i> , 2003, 433, 186-190.	0.8	198
98	Morphology, structure and optical properties of sol-gel ITO thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 101, 222-226.	1.7	33
99	Investigation on preparation and physical properties of nanocrystalline Si/SiO ₂ superlattices for Si-based light-emitting devices. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 16, 461-466.	1.3	30
100	Experiments for inorganic-organic hybrid sol-gel films for micro- and nano-photonics. <i>Materials Science and Engineering C</i> , 2003, 23, 301-306.	3.8	23
101	Microstructural information from optical properties of LPCVD silicon films annealed at low temperature. <i>Sensors and Actuators A: Physical</i> , 2002, 99, 160-164.	2.0	7
102	Investigation on preparation and physical properties of LPCVD Si _x O _y N _z thin films and nanocrystalline Si/Si _x O _y N _z superlattices for Si-based light emitting devices. <i>Materials Science and Engineering C</i> , 2002, 19, 225-228.	3.8	8
103	Optical and thermal characterization of AlN thin films deposited by pulsed laser deposition. <i>Applied Surface Science</i> , 2002, 186, 507-512.	3.1	58
104	Spectroellipsometric investigation of optical properties of SiO ₂ grown by wet thermal oxidation. <i>Surface Science</i> , 2001, 482-485, 448-452.	0.8	3
105	Microstructural and optical properties of as-deposited LPCVD silicon films. <i>Thin Solid Films</i> , 2001, 383, 254-257.	0.8	18
106	Investigation on optical properties of CVD films used in MOEMS applications. <i>Journal of Molecular Structure</i> , 2001, 565-566, 519-523.	1.8	13
107	Optical and electrical properties of LPCVD silicon oxynitride films on silicon. <i>Vacuum</i> , 2001, 61, 205-209.	1.6	9
108	Investigation on optical and microstructural properties of photoluminescent LPCVD SiO _x N _y thin films. <i>Optical Materials</i> , 2001, 17, 145-148.	1.7	18

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109	Spectroscopic characterization of CVD-molybdenum oxide films. <i>Electrochimica Acta</i> , 2001, 46, 2215-2219.	2.6	39
110	Structural and morphological changes in low temperature annealed LPCVD Si layers. <i>European Physical Journal Special Topics</i> , 2001, 11, Pr3-315-Pr3-323.	0.2	4
111	Optical characterization of dielectric borophosphosilicate glass. <i>Microelectronics Reliability</i> , 2000, 40, 617-620.	0.9	4
112	Optical characterization of ion implantation in Si and Si/SiO ₂ structures: spectroellipsometric (SE) and second harmonic generation (SHG) results. <i>Microelectronics Reliability</i> , 1999, 39, 291-295.	0.9	0
113	Optical properties of LPCVD silicon oxynitride. <i>Thin Solid Films</i> , 1999, 337, 82-84.	0.8	34
114	Pulsed laser deposition of lithium niobate: a parametric study. <i>Applied Surface Science</i> , 1999, 138-139, 617-621.	3.1	18
115	Structural analysis of silicon dioxide and silicon oxynitride films produced using an oxygen plasma. <i>IEEE Transactions on Plasma Science</i> , 1998, 26, 1700-1712.	0.6	10
116	Characterization of carbon nitride thin films deposited by a combined RF and DC plasma beam. <i>Thin Solid Films</i> , 1998, 325, 123-129.	0.8	28
117	Crystallization of a-Si:H films by rapid thermal annealing. <i>Journal of Non-Crystalline Solids</i> , 1998, 227-230, 954-957.	1.5	14
118	Spectroellipsometric characterization of multilayer systems containing Ni and Bi. , 1998, , .		0
119	III-V compounds and piezoelectric ceramic thin films deposited by reactive PLD: application to sensor building. , 1998, , .		0
120	High-optical-quality LiNbO ₃ thin films obtained by pulsed laser deposition. , 1998, , .		1
121	Some results concerning the performance of quarter-wave Fresnel Birhomb. , 1998, 3573, 307.		0
122	Dielectric properties of sol-gel TiO ₂ (La) films. , 1998, , .		0
123	Capacity coupled r.f. discharge plasma jet treatment of a-SiC:H structures. <i>Thin Solid Films</i> , 1997, 296, 23-27.	0.8	5
124	TiO ₂ -based porous materials obtained from gels, in different experimental conditions. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 8, 249-253.	1.1	12
125	Laser and nitrogen plasma beam induced modifications in amorphous silicon thin films. <i>Applied Surface Science</i> , 1997, 109-110, 87-92.	3.1	0
126	Spectro-ellipsometric investigations of polycrystalline silicon surface roughness. <i>Microelectronic Engineering</i> , 1996, 31, 309-316.	1.1	12

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127	Optical and microstructural properties of TiO ₂ (Ni ²⁺) thin films. Ceramics International, 1996, 22, 95-99.	2.3	10
128	Spectroellipsometric Investigation of LPCVD Polysilicon: As Deposited and After Hydrogenation. Journal De Physique III, 1996, 6, 225-235.	0.3	10
129	Surface and interface phenomena in titanium dioxide films studied by spectroellipsometry. , 1995, , .		1
130	Optical Properties of Sputtering and Glow Discharge a-C:H Films. , 1995, , 285-290.		0
131	Implanted damage evolution in sequential annealed silicon. Nuclear Instruments & Methods in Physics Research B, 1994, 85, 933-935.	0.6	2
132	Spectroellipsometric characterization of lanthanide-doped TiO ₂ films obtained via the sol-gel technique. Thin Solid Films, 1993, 234, 561-565.	0.8	30
133	SiO ₂ -Sm ₂ O ₃ vitreous films via the sol-gel method. Journal of Materials Science, 1993, 28, 4435-4441.	1.7	3
134	TiO ₂ -based vitreous coatings obtained by sol-gel method. Journal of Non-Crystalline Solids, 1993, 160, 162-166.	1.5	18
135	Preparation and characterization of SiO ₂ -Sb ₂ O ₃ films obtained by a sol-gel method. Journal of Non-Crystalline Solids, 1992, 151, 109-114.	1.5	4
136	Microstructure-optical properties correlation in PZT films. , 0, , .		0
137	PbTiO ₃ films via sol-gel. , 0, , .		0
138	Transmission electron microscopy and spectroellipsometric investigation of LPCVD polysilicon as-deposited and after hydrogenation. , 0, , .		0
139	A quantitative analysis of the penetration of SnO ₂ into porous silicon. , 0, , .		0
140	Physical-optical properties of LPCVD amorphous silicon rich-nitride and oxynitride. , 0, , .		5
141	Effect of composition on refractive index dispersion in Ge-Sb-S thin films. , 0, , .		1
142	Sol-gel TiO ₂ (La) films as gate dielectric in MOS structures. , 0, , .		0
143	Ellipsometric studies of indium tin oxide films deposited by sol-gel process. , 0, , .		0
144	Preparation and optical characterisation of APCVD BPSG thin films used for micromachining applications. , 0, , .		0

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145	Internal structure of the nanosized sol-gel ITO thin films. , 0, , .		0
146	Microstructural and optical properties of LPCVD polysilicon films. , 0, , .		0
147	Study of the conductivity in MIS structures with sol-gel TiO/sub 2/ dielectric films. , 0, , .		1
148	Microphysical investigation of low temperature annealed LPCVD polysilicon thin films. , 0, , .		0
149	Sol-gel preparation of thin films for integrated optics. , 0, , .		1
150	Experiments for waveguide fabrication based on sol-gel process. , 0, , .		0
151	The Simulation in the Real Conditions of Antibacterial Activity of TiO ₂ (Fe) Films with Optimized Morphology. Ceramic Engineering and Science Proceedings, 0, , 67-76.	0.1	1