

Jan Lancok

List of Publications by Year in descending order

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168
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1756
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#	ARTICLE	IF	CITATIONS
1	Insight into the plasma oxidation process during pulsed laser deposition. <i>Plasma Processes and Polymers</i> , 2022, 19, e2100102.	3.0	8
2	Tailoring pulsed laser deposition of phosphorus doped WO _x films from (PO ₂) ₄ (WO ₃) ₄ target by space-resolved optical emission spectroscopy. <i>Thin Solid Films</i> , 2022, 742, 139042.	1.8	1
3	A grease for domain walls motion in HfO ₂ -based ferroelectrics. <i>Nanotechnology</i> , 2022, 33, 155703.	2.6	6
4	Effect of Twinning on Angle-Resolved Photoemission Spectroscopy Analysis of Ni _{49.7} Mn _{29.1} Ga _{21.2} (100) Heusler Alloy. <i>Materials</i> , 2022, 15, 717.	2.9	0
5	Surface processes on lutetium oxide thin films doped with europium at different concentrations. <i>Optical Materials</i> , 2022, 123, 111940.	3.6	2
6	Langmuir Probe Perturbations during In Situ Monitoring of Pulsed Laser Deposition Plasmas. <i>Materials</i> , 2022, 15, 2769.	2.9	0
7	Oxidation of amorphous HfNbTaTiZr high entropy alloy thin films prepared by DC magnetron sputtering. <i>Journal of Alloys and Compounds</i> , 2021, 869, 157978.	5.5	24
8	Effect of pulsed laser annealing on optical and structural properties of ZnO:Eu thin film. <i>Journal of Materials Science</i> , 2021, 56, 11414-11425.	3.7	5
9	Surface processes on KBr single crystals examined by thermostimulated exo-electron emission and desorption. <i>Optical Materials</i> , 2021, 114, 110898.	3.6	6
10	Langmuir Probe Technique for Plasma Characterization during Pulsed Laser Deposition Process. <i>Coatings</i> , 2021, 11, 762.	2.6	24
11	Effect of oxygen pressure on stoichiometric transfer in laser ablation of Pr ³⁺ doped Gd ₂ O ₃ –Ga ₂ O ₃ binary system. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, .	2.1	2
12	Bulk and surface processes in KBr single crystals examined by thermostimulated luminescence and exo-electron emission. <i>Optical Materials</i> , 2021, 117, 111191.	3.6	3
13	Analysis of thickness-dependent electron transport in magnetron sputtered ZrN films by spectroscopic ellipsometry. <i>Thin Solid Films</i> , 2021, 731, 138746.	1.8	4
14	In situ monitoring of electrical resistivity and plasma during pulsed laser deposition growth of ultra-thin silver films. <i>Journal of Applied Physics</i> , 2021, 130, 085301.	2.5	1
15	In-situ plasma monitoring by optical emission spectroscopy during pulsed laser deposition of doped Lu ₂ O ₃ . <i>Applied Physics B: Lasers and Optics</i> , 2021, 127, 1.	2.2	6
16	In situ optical and electrical analysis of transient plasmas generated by ns-laser ablation for Ag nanostructured film production. <i>Vacuum</i> , 2021, 193, 110528.	3.5	11
17	On the Dynamics of Transient Plasmas Generated by Nanosecond Laser Ablation of Several Metals. <i>Materials</i> , 2021, 14, 7336.	2.9	5
18	In Situ Monitoring of Pulsed Laser Annealing of Eu-Doped Oxide Thin Films. <i>Materials</i> , 2021, 14, 7576.	2.9	4

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19	Understanding pulsed laser deposition process of copper halides via plasma diagnostics techniques. Journal of Applied Physics, 2021, 130, 243302.	2.5	4
20	Impact of the dangling bond defects and grain boundaries on trapping recombination process in polycrystalline 3C SiC. Journal of Alloys and Compounds, 2020, 823, 153752.	5.5	4
21	Role of the paramagnetic donor-like defects in the high n-type conductivity of the hydrogenated ZnO microparticles. Scientific Reports, 2020, 10, 17347.	3.3	27
22	Comparative study of structural, optical and magnetic properties of Er ³⁺ doped yttrium gallium borates. Results in Physics, 2020, 19, 103247.	4.1	3
23	Magnetic Resonance Study of p-type 3C SiC Microparticles. Physica Status Solidi (B): Basic Research, 2020, 257, 2000306.	1.5	0
24	Simultaneous measurements of thermostimulated exo-electron emission, luminescence, and desorption from a KBr single crystal. Optical Materials, 2020, 109, 110223.	3.6	6
25	Investigation of laser-produced plasma multistructuring by floating probe measurements and optical emission spectroscopy. Plasma Processes and Polymers, 2020, 17, 2000136.	3.0	11
26	Ferromagnetic Rh ₂ Mn ₅ Bi ₄ thin film alloy epitaxially grown on MgO(001). Thin Solid Films, 2020, 714, 138388.	1.8	0
27	Luminescence properties of Lucalox-CS alumina substrates. Materials Chemistry and Physics, 2020, 252, 123262.	4.0	1
28	Fabrication of black aluminium thin films by magnetron sputtering. RSC Advances, 2020, 10, 20765-20771.	3.6	11
29	Correlation between crystallization and oxidation process of ScN films exposed to air. Applied Surface Science, 2020, 515, 145968.	6.1	12
30	Positron Structural Analysis of ScN Films Deposited on MgO Substrate. Acta Physica Polonica A, 2020, 137, 209-214.	0.5	3
31	Investigation of Optical Properties and Defects Structure of Rare Earth (Sm, Gd, Ho) Doped Zinc Oxide Thin Films Prepared by Pulsed Laser Deposition. Acta Physica Polonica A, 2020, 137, 215-218.	0.5	2
32	Ground State Er ³⁺ Ion in the YGa ₃ (BO ₃) ₄ . Acta Physica Polonica A, 2020, 138, 777-780.	0.5	0
33	Optical and magnetic properties of the ground state of Cr ³⁺ doping ions in REM ₃ (BO ₃) ₄ single crystals. Scientific Reports, 2019, 9, 12787.	3.3	8
34	Spin-lattice relaxation processes of transition metal ions in a heavily cobalt doped ZnO: Phonon heating effect. Journal of Applied Physics, 2019, 126, 123903.	2.5	2
35	Electrical and optical properties of scandium nitride nanolayers on MgO (100) substrate. AIP Advances, 2019, 9, .	1.3	16
36	New Insight into the Gas-Sensing Properties of CuO Nanowires by Near-Ambient Pressure XPS. Journal of Physical Chemistry C, 2019, 123, 29739-29749.	3.1	28

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37	Black aluminum-coated Pt/Pb(Zr _{0.56} Ti _{0.44})O ₃ /Pt thin film structures for pyroelectric energy harvesting from a light source. Journal of Applied Physics, 2019, 126, .	2.5	13
38	Optical and structural properties of ZnO:Eu thin films grown by pulsed laser deposition. Applied Surface Science, 2019, 476, 271-275.	6.1	17
39	EPR Study of Chromium Ions Doped Gallium Borate. Acta Physica Polonica A, 2019, 136, 947-951.	0.5	7
40	Raman and EPR spectroscopic studies of chromium-doped diamond-like carbon films. Diamond and Related Materials, 2018, 83, 30-37.	3.9	20
41	Electronic functionality of Gd-bisphthalocyanine: Charge carrier concentration, charge mobility, and influence of local magnetic field. Synthetic Metals, 2018, 236, 68-78.	3.9	15
42	Electronic structure in the twinned 10M martensite phase of the $N_{49.7}M_n$	3.2	4
43	Apparatus for measurements of thermal and optical stimulated exo-electron emission and luminescence. Measurement Science and Technology, 2018, 29, 065902.	2.6	8
44	Structural and magnetic properties of YAl ₃ (BO ₃) ₄ and EuAl ₃ (BO ₃) ₄ single crystals doped with Co ²⁺ . Journal of Alloys and Compounds, 2018, 765, 710-720.	5.5	5
45	Investigation of gas sensing mechanism of SnO ₂ based chemiresistor using near ambient pressure XPS. Surface Science, 2018, 677, 284-290.	1.9	51
46	Initial stages of Zr-Fe-Si alloy formation on Zr(0001) surface. Surface Science, 2017, 657, 28-34.	1.9	1
47	In situ monitoring of electrical resistance during deposition of Ag and Al thin films by pulsed laser deposition: Comparative study. Applied Surface Science, 2017, 418, 517-521.	6.1	14
48	Temperature behavior of the conduction electrons in the nitrogen-doped 3C SiC monocrystals as studied by electron spin resonance. Journal of Applied Physics, 2017, 121, .	2.5	5
49	Corrosion protection of zirconium surface based on Heusler alloy. Pure and Applied Chemistry, 2017, 89, 553-563.	1.9	2
50	Features of copper coatings growth at high-rate deposition using magnetron sputtering systems with a liquid metal target. Surface and Coatings Technology, 2017, 324, 111-120.	4.8	15
51	EPR and luminescence studies of the radiation induced Eu ²⁺ centers in the EuAl ₃ (BO ₃) ₄ single crystals. Optical Materials, 2017, 66, 428-433.	3.6	10
52	Creation and behavior of radicals and ions in the Acetylene/Argon microwave ECR discharge. Plasma Processes and Polymers, 2017, 14, 1700062.	3.0	0
53	Mass spectrometry investigation of magnetron sputtering discharges. Vacuum, 2017, 143, 438-443.	3.5	15
54	PLD prepared nanostructured Pt-CeO ₂ thin films containing ionic platinum. Applied Surface Science, 2017, 396, 278-283.	6.1	14

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55	ENDOR investigations of the Ce ³⁺ ions in YAG: Transferred hyperfine interaction with nearest aluminum ions. Journal of Applied Physics, 2017, 122, 243903.	2.5	2
56	A Detailed Investigation of Radicals and Ions in ECR Methane/Argon Microwave Discharge. Plasma Processes and Polymers, 2016, 13, 970-980.	3.0	2
57	The growth of zinc phthalocyanine thin films by pulsed laser deposition. Journal of Materials Research, 2016, 31, 163-172.	2.6	19
58	Nanofaceting as a stamp for periodic graphene charge carrier modulations. Scientific Reports, 2016, 6, 23663.	3.3	6
59	The spin relaxation of nitrogen donors in 6H SiC crystals as studied by the electron spin echo method. Journal of Applied Physics, 2016, 119, 135706.	2.5	0
60	Surface analysis of the Heusler Ni _{49.7} Mn _{29.1} Ga _{21.2} Alloy: The composition, phase transition, and twinned microstructure of martensite. Journal of Applied Physics, 2016, 120, 113905.	2.5	3
61	The properties of samarium-doped zinc oxide/phthalocyanine structure for optoelectronics prepared by pulsed laser deposition and organic molecular evaporation. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	5
62	Zero-field studies of spin-lattice relaxation processes in non-Kramers doublet of LiF:Ni ²⁺ . Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	3
63	The Fe-Au interface: Hyperfine interactions of ⁵⁷ Fe by Mössbauer transmission and conversion electron spectroscopy. AIP Conference Proceedings, 2016, , .	0.4	0
64	Defect studies of Mg films deposited on various substrates. Journal of Physics: Conference Series, 2016, 674, 012024.	0.4	0
65	Photoluminescence excitation of lithium fluoride films by surface plasmon resonance in Kretschmann configuration. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	3
66	Band mapping of the weakly off-stoichiometric Heusler alloy $\text{Ni}_{1-x}\text{Mn}_x$ in the austenitic phase. Physical Review B, 2015, 91, .	0.4	0
67	EPR, ESE, and pulsed ENDOR study of the nitrogen donors in 15R SiC grown under carbon-rich conditions. Physica Status Solidi (B): Basic Research, 2015, 252, 566-572.	1.5	6
68	Characterisation of Defects in ZnO Implanted by Hydrogen. Defect and Diffusion Forum, 2015, 365, 49-54.	0.4	0
69	Contamination of Magnetron Sputtered Metallic Films by Oxygen From Residual Atmosphere in Deposition Chamber. Plasma Processes and Polymers, 2015, 12, 416-421.	3.0	32
70	Structural studies of thin Mg films. Journal of Physics: Conference Series, 2014, 505, 012024.	0.4	5
71	Electron spin-lattice relaxation of low-symmetry Ni ²⁺ centers in LiF. Applied Physics Letters, 2014, 104, 252902.	3.3	4
72	Optical and magnetic resonance study of a-SiC _x N _y films obtained by magnetron sputtering. Physica Status Solidi (B): Basic Research, 2014, 251, 1178-1185.	1.5	4

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73	Langmuir probe measurement of the bismuth plasma plume formed by an extreme-ultraviolet pulsed laser. Journal Physics D: Applied Physics, 2014, 47, 405205.	2.8	11
74	Optical properties of zinc phthalocyanine thin films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2014, 117, 377-381.	2.3	28
75	EPR investigation of the trivalent chromium complexes in SrTiO ₃ . Journal of Physics and Chemistry of Solids, 2014, 75, 271-275.	4.0	2
76	Temperature dependent rotation of the uniaxial easy axis of magnetization in granular SiO ₂ /(Co/Fe/CoFe ₂)/Si(111) multilayers. Applied Surface Science, 2014, 289, 257-265.	6.1	2
77	Defect studies of thin ZnO films prepared by pulsed laser deposition. Journal of Physics: Conference Series, 2014, 505, 012021.	0.4	2
78	Mass Spectrometric Characterizations of Ions Generated in RF Magnetron Discharges during Sputtering of Silver in Ne, Ar, Kr and Xe Gases. Plasma Processes and Polymers, 2013, 10, 593-602.	3.0	8
79	RF magnetron sputtering of silver thin film in Ne, Ar and Kr discharges – plasma characterisation and surface morphology. Surface and Coatings Technology, 2013, 228, S466-S469.	4.8	23
80	Nucleation of ultrathin silver layer by magnetron sputtering in Ar/N ₂ plasma. Surface and Coatings Technology, 2013, 228, S86-S90.	4.8	27
81	Hydrogen absorption in thin ZnO films prepared by pulsed laser deposition. Journal of Alloys and Compounds, 2013, 580, S40-S43.	5.5	9
82	Pulse-electron paramagnetic resonance of Cr ³⁺ centers in SrTiO ₃ . Journal of Applied Physics, 2013, 113, .	2.5	14
83	Global sensitivity analysis of the XUV-ABLATOR code. Proceedings of SPIE, 2013, , .	0.8	0
84	2D plasmonic and diffractive structures with sharp features by UV laser patterning. Nanotechnology, 2013, 24, 095301.	2.6	9
85	Sensitization of Pr ³⁺ ions by Eu ²⁺ ions in CaF ₂ thin films deposited by evaporation. Journal of Applied Physics, 2013, 114, 203509.	2.5	2
86	Defect studies of ZnO films prepared by pulsed laser deposition on various substrates. Journal of Physics: Conference Series, 2013, 443, 012018.	0.4	1
87	Electron paramagnetic resonance studies of manganese centers in SrTiO ₃ : Non-Kramers Mn ³⁺ ions and spin-spin coupled Mn ⁴⁺ dimers. Journal of Applied Physics, 2012, 111, .	2.5	34
88	Diffractive and coloured films by laser interferometry patterning. Surface and Coatings Technology, 2012, 211, 205-208.	4.8	6
89	Structural characterization of ZnO thin films grown on various substrates by pulsed laser deposition. Journal Physics D: Applied Physics, 2012, 45, 225101.	2.8	26
90	Preparation of nanostructured ultrathin silver layer. Journal of Nanophotonics, 2011, 5, 051511.	1.0	39

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91	Ferromagnetic nanoparticulate films studied by optical and magneto-optical ellipsometry. Journal of Physics: Conference Series, 2011, 303, 012041.	0.4	2
92	Ablation of ionic crystals induced by capillary-discharge XUV laser. , 2011, , .		5
93	Investigation of the Negative Ions in Ar/O ₂ Plasma of Magnetron Sputtering Discharge with Al:Zn Target by Ion Mass Spectrometry. Plasma Processes and Polymers, 2011, 8, 459-464.	3.0	21
94	In-situ monitoring of the growth of nanostructured aluminum thin film. Journal of Nanophotonics, 2011, 5, 051503.	1.0	21
95	Fabrication of nanostructured aluminium thin film and in-situ monitoring of the growth. , 2010, , .		0
96	Preparation of nanostructured ultrathin silver layer. Proceedings of SPIE, 2010, , .	0.8	3
97	Generation of Positive and Negative Oxygen Ions in Magnetron Discharge During Reactive Sputtering of Alumina. Plasma Processes and Polymers, 2010, 7, 910-914.	3.0	19
98	Study of Fe-Co Nanocomposite Films. , 2010, , .		0
99	Pulsed laser treatment of gold and black gold thin films fabricated by thermal evaporation. Open Physics, 2009, 7, .	1.7	4
100	Hyperfine interaction studies and magnetic properties of FeCoAlN nanocomposite films. Hyperfine Interactions, 2008, 183, 171-177.	0.5	1
101	Rare Earth Doped Gallium Gadolinium Orthogallate Films Prepared by Pulsed Laser Deposition. Journal of Physics: Conference Series, 2007, 59, 400-403.	0.4	2
102	Optical, structural and fluorescence properties of nanocrystalline cubic or monoclinic Eu:Lu ₂ O ₃ films prepared by pulsed laser deposition. Journal of Luminescence, 2007, 126, 807-816.	3.1	25
103	A Comparison of Plasma in Laser and Hybrid Laser-Magnetron SiC Deposition Systems. Plasma Processes and Polymers, 2007, 4, S1017-S1021.	3.0	6
104	Structural and fluorescence properties of thin films fabricated by pulsed laser deposition technique from Nd:KGW single crystal. Optical Materials, 2006, 28, 360-369.	3.6	9
105	Study of the plasmas produced during the deposition of TiC/SiC thin films in a hybrid magnetron-laser system. European Physical Journal D, 2006, 56, 381-388.	0.4	7
106	Structural and optical properties of Eu ³⁺ -doped Y ₂ O ₃ nanostructures embedded in amorphous alumina waveguides prepared by pulsed laser deposition. Journal of Physics Condensed Matter, 2006, 18, 10043-10058.	1.8	13
107	Tin oxide thin films prepared by laser-assisted metal-organic CVD: Structural and gas sensing properties. Surface and Coatings Technology, 2005, 200, 1057-1060.	4.8	29
108	A valence-band and core-level photoemission study of a-Si _{1-x} C _{1-x} thin films grown by low-temperature low-pressure chemical vapour deposition. Applied Physics A: Materials Science and Processing, 2005, 81, 991-996.	2.3	13

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109	Optical and structural properties of Pr:GGG crystalline thin film waveguides grown by pulsed-laser deposition. Applied Physics A: Materials Science and Processing, 2005, 81, 1477-1483.	2.3	15
110	Influence of the PLD parameters on the crystalline phases and fluorescence of Eu:Y2O3 planar waveguides. Applied Physics A: Materials Science and Processing, 2004, 79, 1263-1265.	2.3	16
111	Study of nanocrystalline diamond film growth in rf hybrid laser deposition systems in O2, H2 and H2+Ar ambients. Applied Physics A: Materials Science and Processing, 2004, 79, 1267-1270.	2.3	12
112	In situ excimer laser annealing of low-temperature low-pressure chemical vapour deposition grown polycrystalline silicon: influence of metal diffusion on the film morphology and on the growth rate. Thin Solid Films, 2004, 458, 1-8.	1.8	4
113	IN-SITU EXCIMER LASER ANNEALING OF LOW-TEMPERATURE LPCVD GROWN POLYCRYSTALLINE SILICON: INFLUENCE OF METAL DIFFUSION ON THE FILM MORPHOLOGY AND ON THE GROWTH RATE. , 2004, , .		0
114	RBS and PIXE characterisation of Nd: KGW waveguiding films. European Physical Journal D, 2003, 53, A241-A246.	0.4	1
115	Laser plasma plume kinetic spectroscopy of the nitrogen and carbon species. Contributions To Plasma Physics, 2003, 43, 426-432.	1.1	24
116	Low-temperature laser-CVD thin film growth of SiC from Si2H6 and C2H2. Journal of Crystal Growth, 2003, 258, 272-276.	1.5	11
117	On the optical properties of amorphous GeGaSe films prepared by pulsed laser deposition. Journal of Non-Crystalline Solids, 2003, 326-327, 53-57.	3.1	20
118	Optical and electro-optical properties of pulse laser deposited PLZT thin films. Optical Engineering, 2003, 42, 3579.	1.0	3
119	Optical properties of Er:YAG and Er:YAP materials and layers grown by laser. , 2003, , .		2
120	Nitrogen Rich Carbon Nitride Thin Films Deposited by Hybrid PLD Technique. Molecular Crystals and Liquid Crystals, 2002, 374, 207-210.	0.9	1
121	In situ laser recrystallization of Si layers during low-pressure chemical vapor deposition: Recrystallization dynamics and influence of the seed layer. Journal of Materials Research, 2002, 17, 2966-2973.	2.6	3
122	<title>Nd-doped KGW crystalline waveguides fabricated by pulsed laser deposition</title>. , 2002, , .		0
123	<title>Influence of additional rf discharge on the properties of carbon nitride thin films deposited by PLD</title>. , 2002, 4762, 118.		0
124	Influence of pulse duration and annealing on crystallinity and luminescence of laser-deposited Er-doped YAG (YAP) layers. , 2002, , .		0
125	<title>Thin film tin oxide chemical sensors created by laser CVD and PLD techniques</title>. , 2002, , .		0
126	<title>Determination of optical properties of PLZT thin films using transmittance spectra processing</title>. , 2002, , .		1

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127	Thin amorphous chalcogenide films prepared by pulsed laser deposition. Journal of Non-Crystalline Solids, 2002, 299-302, 1013-1017.	3.1	48
128	Pulsed laser deposition of CN films: role of r.f. nitrogen plasma activation for the film structure formation. Diamond and Related Materials, 2002, 11, 1223-1226.	3.9	7
129	Optical and waveguiding properties of Nd:KGW films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2002, 74, 481-485.	2.3	14
130	Optical emission spectroscopy of nitrogen species and plasma plume induced by laser ablation combined with pulse modulated radio-frequency discharge. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2002, 58, 1513-1521.	3.9	3
131	Simultaneous laser-magnetic field treatment of SrFe ₁₂ O ₁₉ thin films grown by pulsed laser deposition. Applied Surface Science, 2002, 186, 463-468.	6.1	5
132	Deposition of Er:YAG (YAP) layers by subpicosecond and nanosecond KrF excimer laser ablation. Applied Surface Science, 2002, 197-198, 416-420.	6.1	8
133	SnO ₂ and SnAcAc Thin Film Sensors Created by Laser. Molecular Crystals and Liquid Crystals, 2002, 374, 285-288.	0.3	1
134	Preparation of nitrogen-rich CN _x films with inductively coupled plasma CVD and pulsed laser deposition. Diamond and Related Materials, 2001, 10, 1901-1909.	3.9	16
135	Optical and waveguiding properties of PLZT thin films deposited by laser ablation. Ferroelectrics, 2001, 264, 267-272.	0.6	3
136	CN _x films deposited using combined deposition method: pulsed laser deposition in the RF discharged nitrogen gas. , 2001, , .		1
137	Structural and optical properties of PLZT thin films deposited by pulsed laser deposition. , 2001, 4397, 305.		2
138	<title>Comparison of tin oxide chemical sensors prepared by PLD and laser-assisted CVD methods</title>. , 2001, 4274, 465.		0
139	Mechanical and optical properties of CN _x films with high N/C ratio. Applied Physics A: Materials Science and Processing, 2001, 73, 167-170.	2.3	9
140	Optical and waveguiding properties of plzt thin films deposited by laser ablation. Ferroelectrics, 2001, 264, 267-272.	0.6	3
141	CN _x films created by combined laser deposition and r.f. discharge: XPS, FTIR and Raman analysis. Thin Solid Films, 2000, 366, 69-76.	1.8	28
142	Pulsed laser deposition of pure and praseodymium-doped Geâ€“Gaâ€“Se amorphous chalcogenide films. Optical Materials, 2000, 15, 191-197.	3.6	51
143	Investigation of the thermal stability of nitrogen-rich amorphous carbon nitride films. Thin Solid Films, 2000, 377-378, 148-155.	1.8	22
144	The response of tin acetylacetonate and tin dioxide-based gas sensors to hydrogen and alcohol vapours. Sensors and Actuators B: Chemical, 2000, 71, 24-30.	7.8	34

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145	Carbon nitride layers created by laser deposition combined with RF discharge. Diamond and Related Materials, 2000, 9, 548-551.	3.9	13
146	Capacitance humidity sensor with carbon nitride detecting element. Applied Physics A: Materials Science and Processing, 2000, 70, 603-606.	2.3	23
147	Optical properties of PLD-created Nd:YAG and Nd:YAP planar waveguide thin films. , 1999, , .		2
148	Creation of superhard C 3 N 4 films by laser ablation. , 1999, , .		2
149	Structural and optical characterisation of Nd doped YAlO3 films deposited on sapphire substrate by pulsed laser deposition. Thin Solid Films, 1999, 346, 284-289.	1.8	18
150	Planar waveguide lasers and structures created by laser ablation " an overview. European Physical Journal D, 1998, 48, 577-597.	0.4	23
151	Growth of active Nd-doped YAP thin-film waveguides by laser ablation. Applied Physics A: Materials Science and Processing, 1998, 66, 583-586.	2.3	13
152	Waveguiding pulsed laser deposited Ti:sapphire layers on quartz. Thin Solid Films, 1998, 322, 259-262.	1.8	18
153	Planar laser waveguides of Ti:sapphire, Nd:GGG and Nd:YAG grown by pulsed laser deposition. Applied Surface Science, 1998, 127-129, 514-519.	6.1	27
154	<title>Planar waveguide lasers created by pulsed laser deposition</title>. , 1996, 3052, 85.		1
155	Study of Ti:sapphire layers created by PLD. , 1996, 2888, 51.		1
156	Crystallographic, Optical and Waveguiding Properties of Nd:YAG and Nd:YAP Layers Created by Pulsed Laser Deposition. , 0, , .		0
157	Laser deposition of CN/sub x/ films combined with RF and hollow cathode discharges. , 0, , .		0
158	Pulsed laser deposition of thin layers from tin acetyl-acetonate and tin oxide targets. , 0, , .		0
159	Deposition of Ti:sapphire film on quartz and sapphire substrates by laser. , 0, , .		0
160	The characterization of laser-deposited thin sensitive layers of gas sensors. , 0, , .		0
161	Deposition of carbon nitride films by laser techniques. , 0, , .		0