

Jan Lancok

List of Publications by Year in descending order

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161
papers

1,502
citations

304743

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168
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168
docs citations

168
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed laser deposition of pure and praseodymium-doped Ge ^x Ga ^{1-x} Se amorphous chalcogenide films. <i>Optical Materials</i> , 2000, 15, 191-197.	3.6	51
2	Investigation of gas sensing mechanism of SnO ₂ based chemiresistor using near ambient pressure XPS. <i>Surface Science</i> , 2018, 677, 284-290.	1.9	51
3	Thin amorphous chalcogenide films prepared by pulsed laser deposition. <i>Journal of Non-Crystalline Solids</i> , 2002, 299-302, 1013-1017.	3.1	48
4	Preparation of nanostructured ultrathin silver layer. <i>Journal of Nanophotonics</i> , 2011, 5, 051511.	1.0	39
5	The response of tin acetylacetonate and tin dioxide-based gas sensors to hydrogen and alcohol vapours. <i>Sensors and Actuators B: Chemical</i> , 2000, 71, 24-30.	7.8	34
6	Electron paramagnetic resonance studies of manganese centers in SrTiO ₃ : Non-Kramers Mn ³⁺ ions and spin-spin coupled Mn ⁴⁺ dimers. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	34
7	Contamination of Magnetron Sputtered Metallic Films by Oxygen From Residual Atmosphere in Deposition Chamber. <i>Plasma Processes and Polymers</i> , 2015, 12, 416-421.	3.0	32
8	Tin oxide thin films prepared by laser-assisted metal-organic CVD: Structural and gas sensing properties. <i>Surface and Coatings Technology</i> , 2005, 200, 1057-1060.	4.8	29
9	CNx films created by combined laser deposition and r.f. discharge: XPS, FTIR and Raman analysis. <i>Thin Solid Films</i> , 2000, 366, 69-76.	1.8	28
10	Optical properties of zinc phthalocyanine thin films prepared by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 377-381.	2.3	28
11	New Insight into the Gas-Sensing Properties of CuO _x Nanowires by Near-Ambient Pressure XPS. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29739-29749.	3.1	28
12	Planar laser waveguides of Ti:sapphire, Nd:GGG and Nd:YAG grown by pulsed laser deposition. <i>Applied Surface Science</i> , 1998, 127-129, 514-519.	6.1	27
13	Nucleation of ultrathin silver layer by magnetron sputtering in Ar/N ₂ plasma. <i>Surface and Coatings Technology</i> , 2013, 228, S86-S90.	4.8	27
14	Role of the paramagnetic donor-like defects in the high n-type conductivity of the hydrogenated ZnO microparticles. <i>Scientific Reports</i> , 2020, 10, 17347.	3.3	27
15	Structural characterization of ZnO thin films grown on various substrates by pulsed laser deposition. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 225101.	2.8	26
16	Optical, structural and fluorescence properties of nanocrystalline cubic or monoclinic Eu:Lu ₂ O ₃ films prepared by pulsed laser deposition. <i>Journal of Luminescence</i> , 2007, 126, 807-816.	3.1	25
17	Laser plasma plume kinetic spectroscopy of the nitrogen and carbon species. <i>Contributions To Plasma Physics</i> , 2003, 43, 426-432.	1.1	24
18	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

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19	Langmuir Probe Technique for Plasma Characterization during Pulsed Laser Deposition Process. Coatings, 2021, 11, 762.	2.6	24
20	Planar waveguide lasers and structures created by laser ablation – an overview. European Physical Journal D, 1998, 48, 577-597.	0.4	23
21	Capacitance humidity sensor with carbon nitride detecting element. Applied Physics A: Materials Science and Processing, 2000, 70, 603-606.	2.3	23
22	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
23	Investigation of the thermal stability of nitrogen-rich amorphous carbon nitride films. Thin Solid Films, 2000, 377-378, 148-155.	1.8	22
24	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
25	In-situ monitoring of the growth of nanostructured aluminum thin film. Journal of Nanophotonics, 2011, 5, 051503.	1.0	21
26	On the optical properties of amorphous Ge–Ga–Se films prepared by pulsed laser deposition. Journal of Non-Crystalline Solids, 2003, 326-327, 53-57.	3.1	20
27	Raman and EPR spectroscopic studies of chromium-doped diamond-like carbon films. Diamond and Related Materials, 2018, 83, 30-37.	3.9	20
28	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
29	The growth of zinc phthalocyanine thin films by pulsed laser deposition. Journal of Materials Research, 2016, 31, 163-172.	2.6	19
30	Waveguiding pulsed laser deposited Ti:sapphire layers on quartz. Thin Solid Films, 1998, 322, 259-262.	1.8	18
31	Structural and optical characterisation of Nd doped YAlO ₃ films deposited on sapphire substrate by pulsed laser deposition. Thin Solid Films, 1999, 346, 284-289.	1.8	18
32	Optical and structural properties of ZnO:Eu thin films grown by pulsed laser deposition. Applied Surface Science, 2019, 476, 271-275.	6.1	17
33	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
34	Influence of the PLD parameters on the crystalline phases and fluorescence of Eu:Y ₂ O ₃ planar waveguides. Applied Physics A: Materials Science and Processing, 2004, 79, 1263-1265.	2.3	16
35	Electrical and optical properties of scandium nitride nanolayers on MgO (100) substrate. AIP Advances, 2019, 9, .	1.3	16
36	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

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37	Features of copper coatings growth at high-rate deposition using magnetron sputtering systems with a liquid metal target. <i>Surface and Coatings Technology</i> , 2017, 324, 111-120.	4.8	15
38	Mass spectrometry investigation of magnetron sputtering discharges. <i>Vacuum</i> , 2017, 143, 438-443.	3.5	15
39	Electronic functionality of Gd-bisphthalocyanine: Charge carrier concentration, charge mobility, and influence of local magnetic field. <i>Synthetic Metals</i> , 2018, 236, 68-78.	3.9	15
40	Optical and waveguiding properties of Nd:KGW films grown by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, 481-485.	2.3	14
41	Pulse-electron paramagnetic resonance of Cr ³⁺ centers in SrTiO ₃ . <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	14
42	In situ monitoring of electrical resistance during deposition of Ag and Al thin films by pulsed laser deposition: Comparative study. <i>Applied Surface Science</i> , 2017, 418, 517-521.	6.1	14
43	PLD prepared nanostructured Pt-CeO ₂ thin films containing ionic platinum. <i>Applied Surface Science</i> , 2017, 396, 278-283.	6.1	14
44	Growth of active Nd-doped YAP thin-film waveguides by laser ablation. <i>Applied Physics A: Materials Science and Processing</i> , 1998, 66, 583-586.	2.3	13
45	Carbon nitride layers created by laser deposition combined with RF discharge. <i>Diamond and Related Materials</i> , 2000, 9, 548-551.	3.9	13
46	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. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 991-996.	2.3	13
47	Structural and optical properties of Eu ³⁺ -doped Y ₂ O ₃ nanostructures embedded in amorphous alumina waveguides prepared by pulsed laser deposition. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 10043-10058.	1.8	13
48	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. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	13
49	Study of nanocrystalline diamond film growth in rf hybrid laser deposition systems in O ₂ , H ₂ and H ₂ +Ar ambients. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1267-1270.	2.3	12
50	Correlation between crystallization and oxidation process of ScN films exposed to air. <i>Applied Surface Science</i> , 2020, 515, 145968.	6.1	12
51	Low-temperature laser-CVD thin film growth of SiC from Si ₂ H ₆ and C ₂ H ₂ . <i>Journal of Crystal Growth</i> , 2003, 258, 272-276.	1.5	11
52	Langmuir probe measurement of the bismuth plasma plume formed by an extreme-ultraviolet pulsed laser. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 405205.	2.8	11
53	Investigation of laser-produced plasma multistructuring by floating probe measurements and optical emission spectroscopy. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000136.	3.0	11
54	Fabrication of black aluminium thin films by magnetron sputtering. <i>RSC Advances</i> , 2020, 10, 20765-20771.	3.6	11

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55	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
56	EPR and luminescence studies of the radiation induced Eu 2+ centers in the EuAl ₃ (BO ₃) ₄ single crystals. <i>Optical Materials</i> , 2017, 66, 428-433.	3.6	10
57	Mechanical and optical properties of CN _x films with high N/C ratio. <i>Applied Physics A: Materials Science and Processing</i> , 2001, 73, 167-170.	2.3	9
58	Structural and fluorescence properties of thin films fabricated by pulsed laser deposition technique from Nd:KGW single crystal. <i>Optical Materials</i> , 2006, 28, 360-369.	3.6	9
59	Hydrogen absorption in thin ZnO films prepared by pulsed laser deposition. <i>Journal of Alloys and Compounds</i> , 2013, 580, S40-S43.	5.5	9
60	2D plasmonic and diffractive structures with sharp features by UV laser patterning. <i>Nanotechnology</i> , 2013, 24, 095301.	2.6	9
61	Deposition of Er:YAG (YAP) layers by subpicosecond and nanosecond KrF excimer laser ablation. <i>Applied Surface Science</i> , 2002, 197-198, 416-420.	6.1	8
62	Mass Spectrometric Characterizations of Ions Generated in RF Magnetron Discharges during Sputtering of Silver in Ne, Ar, Kr and Xe Gases. <i>Plasma Processes and Polymers</i> , 2013, 10, 593-602.	3.0	8
63	Apparatus for measurements of thermal and optical stimulated exo-electron emission and luminescence. <i>Measurement Science and Technology</i> , 2018, 29, 065902.	2.6	8
64	Optical and magnetic properties of the ground state of Cr ³⁺ doping ions in REM ₃ (BO ₃) ₄ single crystals. <i>Scientific Reports</i> , 2019, 9, 12787.	3.3	8
65	Insight into the plasma oxidation process during pulsed laser deposition. <i>Plasma Processes and Polymers</i> , 2022, 19, e2100102.	3.0	8
66	Pulsed laser deposition of CN films: role of r.f. nitrogen plasma activation for the film structure formation. <i>Diamond and Related Materials</i> , 2002, 11, 1223-1226.	3.9	7
67	Study of the plasmas produced during the deposition of TiC/SiC thin films in a hybrid magnetron-laser system. <i>European Physical Journal D</i> , 2006, 56, 381-388.	0.4	7
68	Band mapping of the weakly off-stoichiometric Heusler alloy $\text{Ni}_{1-x}\text{Mn}_x$ in the austenitic phase. <i>Physical Review B</i> , 2015, 91, .	0.2	7
69	EPR Study of Chromium Ions Doped Gallium Borate. <i>Acta Physica Polonica A</i> , 2019, 136, 947-951.	0.5	7
70	A Comparison of Plasma in Laser and Hybrid Laser-Magnetron SiC Deposition Systems. <i>Plasma Processes and Polymers</i> , 2007, 4, S1017-S1021.	3.0	6
71	Diffractive and coloured films by laser interferometry patterning. <i>Surface and Coatings Technology</i> , 2012, 211, 205-208.	4.8	6
72	EPR, ESE, and pulsed ENDOR study of the nitrogen donors in 15R SiC grown under carbon-rich conditions. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 566-572.	1.5	6

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73	Nanofaceting as a stamp for periodic graphene charge carrier modulations. Scientific Reports, 2016, 6, 23663.	3.3	6
74	Simultaneous measurements of thermostimulated exo-electron emission, luminescence, and desorption from a KBr single crystal. Optical Materials, 2020, 109, 110223.	3.6	6
75	Surface processes on KBr single crystals examined by thermostimulated exo-electron emission and desorption. Optical Materials, 2021, 114, 110898.	3.6	6
76	In-situ plasma monitoring by optical emission spectroscopy during pulsed laser deposition of doped Lu2O3. Applied Physics B: Lasers and Optics, 2021, 127, 1.	2.2	6
77	A grease for domain walls motion in HfO ₂ -based ferroelectrics. Nanotechnology, 2022, 33, 155703.	2.6	6
78	Simultaneous laser-magnetic field treatment of SrFe12O19 thin films grown by pulsed laser deposition. Applied Surface Science, 2002, 186, 463-468.	6.1	5
79	Ablation of ionic crystals induced by capillary-discharge XUV laser. , 2011, , .		5
80	Structural studies of thin Mg films. Journal of Physics: Conference Series, 2014, 505, 012024.	0.4	5
81	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
82	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
83	Structural and magnetic properties of YAl3(BO3)4 and EuAl3(BO3)4 single crystals doped with Co2+. Journal of Alloys and Compounds, 2018, 765, 710-720.	5.5	5
84	Effect of pulsed laser annealing on optical and structural properties of ZnO:Eu thin film. Journal of Materials Science, 2021, 56, 11414-11425.	3.7	5
85	On the Dynamics of Transient Plasmas Generated by Nanosecond Laser Ablation of Several Metals. Materials, 2021, 14, 7336.	2.9	5
86	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
87	Pulsed laser treatment of gold and black gold thin films fabricated by thermal evaporation. Open Physics, 2009, 7, .	1.7	4
88	Electron spin-lattice relaxation of low-symmetry Ni2+ centers in LiF. Applied Physics Letters, 2014, 104, 252902.	3.3	4
89	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
90	Electronic structure in the twinned 10M martensite phase of the $Ni_{49.7}Mn_{29.1}Ni_{21.2}$ Heusler alloy. Applied Physics Letters, 2014, 104, 252902.	3.2	4

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91	Impact of the dangling bond defects and grain boundaries on trapping recombination process in polycrystalline 3C SiC. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153752.	5.5	4
92	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
93	In Situ Monitoring of Pulsed Laser Annealing of Eu-Doped Oxide Thin Films. <i>Materials</i> , 2021, 14, 7576.	2.9	4
94	Understanding pulsed laser deposition process of copper halides via plasma diagnostics techniques. <i>Journal of Applied Physics</i> , 2021, 130, 243302.	2.5	4
95	Optical and waveguiding properties of PLZT thin films deposited by laser ablation. <i>Ferroelectrics</i> , 2001, 264, 267-272.	0.6	3
96	In situ laser recrystallization of Si layers during low-pressure chemical vapor deposition: Recrystallization dynamics and influence of the seed layer. <i>Journal of Materials Research</i> , 2002, 17, 2966-2973.	2.6	3
97	Optical emission spectroscopy of nitrogen species and plasma plume induced by laser ablation combined with pulse modulated radio-frequency discharge. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 1513-1521.	3.9	3
98	Optical and electro-optical properties of pulse laser deposited PLZT thin films. <i>Optical Engineering</i> , 2003, 42, 3579.	1.0	3
99	Preparation of nanostructured ultrathin silver layer. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
100	Surface analysis of the Heusler Ni _{49.7} Mn _{29.1} Ga _{21.2} Alloy: The composition, phase transition, and twinned microstructure of martensite. <i>Journal of Applied Physics</i> , 2016, 120, 113905.	2.5	3
101	Zero-field studies of spin-lattice relaxation processes in non-Kramers doublet of LiF:Ni ²⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	3
102	Photoluminescence excitation of lithium fluoride films by surface plasmon resonance in Kretschmann configuration. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	3
103	Comparative study of structural, optical and magnetic properties of Er ³⁺ doped yttrium gallium borates. <i>Results in Physics</i> , 2020, 19, 103247.	4.1	3
104	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
105	Positron Structural Analysis of ScN Films Deposited on MgO Substrate. <i>Acta Physica Polonica A</i> , 2020, 137, 209-214.	0.5	3
106	Optical and waveguiding properties of plzt thin films deposited by laser ablation. <i>Ferroelectrics</i> , 2001, 264, 267-272.	0.6	3
107	Optical properties of PLD-created Nd:YAG and Nd:YAP planar waveguide thin films. , 1999, , .		2
108	Creation of superhard C ₃ N ₄ films by laser ablation. , 1999, , .		2

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109	Structural and optical properties of PLZT thin films deposited by pulsed laser deposition. , 2001, 4397, 305.		2
110	Optical properties of Er:YAG and Er:YAP materials and layers grown by laser. , 2003, , .		2
111	Rare Earth Doped Gallium Gadolinium Orthogallate Films Prepared by Pulsed Laser Deposition. Journal of Physics: Conference Series, 2007, 59, 400-403.	0.4	2
112	Ferromagnetic nanoparticular films studied by optical and magneto-optical ellipsometry. Journal of Physics: Conference Series, 2011, 303, 012041.	0.4	2
113	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
114	EPR investigation of the trivalent chromium complexes in SrTiO ₃ . Journal of Physics and Chemistry of Solids, 2014, 75, 271-275.	4.0	2
115	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
116	Defect studies of thin ZnO films prepared by pulsed laser deposition. Journal of Physics: Conference Series, 2014, 505, 012021.	0.4	2
117	A Detailed Investigation of Radicals and Ions in ECR Methane/Argon Microwave Discharge. Plasma Processes and Polymers, 2016, 13, 970-980.	3.0	2
118	Corrosion protection of zirconium surface based on Heusler alloy. Pure and Applied Chemistry, 2017, 89, 553-563.	1.9	2
119	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
120	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
121	Effect of oxygen pressure on stoichiometric transfer in laser ablation of Pr ³⁺ doped Gd ₂ O ₃ /Ga ₂ O ₃ binary system. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	2.1	2
122	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
123	Surface processes on lutetium oxide thin films doped with europium at different concentrations. Optical Materials, 2022, 123, 111940.	3.6	2
124	<title>Planar waveguide lasers created by pulsed laser deposition</title>. , 1996, 3052, 85.		1
125	Study of Ti:sapphire layers created by PLD. , 1996, 2888, 51.		1
126	CN x films deposited using combined deposition method: pulsed laser deposition in the RF discharged nitrogen gas. , 2001, , .		1

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127	Nitrogen Rich Carbon Nitride Thin Films Deposited by Hybrid PLD Technique. Molecular Crystals and Liquid Crystals, 2002, 374, 207-210.	0.9	1
128	<title>Determination of optical properties of PLZT thin films using transmittance spectra processing</title>. , 2002, , .		1
129	RBS and PIXE characterisation of Nd: KGW waveguiding films. European Physical Journal D, 2003, 53, A241-A246.	0.4	1
130	Hyperfine interaction studies and magnetic properties of FeCoAlN nanocomposite films. Hyperfine Interactions, 2008, 183, 171-177.	0.5	1
131	Defect studies of ZnO films prepared by pulsed laser deposition on various substrates. Journal of Physics: Conference Series, 2013, 443, 012018.	0.4	1
132	Initial stages of Zrâ€“Feâ€“Si alloy formation on Zr(0001) surface. Surface Science, 2017, 657, 28-34.	1.9	1
133	Luminescence properties of Lucalox-CS alumina substrates. Materials Chemistry and Physics, 2020, 252, 123262.	4.0	1
134	In situ monitoring of electrical resistivity and plasma during pulsed laser deposition growth of ultra-thin silver films. Journal of Applied Physics, 2021, 130, 085301.	2.5	1
135	SnO 2 and SnAcAc Thin Film Sensors Created by Laser. Molecular Crystals and Liquid Crystals, 2002, 374, 285-288.	0.3	1
136	Tailoring pulsed laser deposition of phosphorus doped WOx films from (PO2)4(WO3)4 target by space-resolved optical emission spectroscopy.. Thin Solid Films, 2022, 742, 139042.	1.8	1
137	Crystallographic, Optical and Waveguiding Properties of Nd:YAG and Nd:YAP Layers Created by Pulsed Laser Deposition. , 0, , .		0
138	Laser deposition of CN/sub x/ films combined with RF and hollow cathode discharges. , 0, , .		0
139	Pulsed laser deposition of thin layers from tin acetyl-acetonate and tin oxide targets. , 0, , .		0
140	Deposition of Ti:sapphire film on quartz and sapphire substrates by laser. , 0, , .		0
141	The characterization of laser-deposited thin sensitive layers of gas sensors. , 0, , .		0
142	<title>Comparison of tin oxide chemical sensors prepared by PLD and laser-assisted CVD methods</title>. , 2001, 4274, 465.		0
143	<title>Nd-doped KGW crystalline waveguides fabricated by pulsed laser deposition</title>. , 2002, , .		0
144	<title>Influence of additional rf discharge on the properties of carbon nitride thin films deposited by PLD</title>. , 2002, 4762, 118.		0

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145	Influence of pulse duration and annealing on crystallinity and luminescence of laser-deposited Er-doped YAG (YAP) layers. , 2002, , .		0
146	<title>Thin film tin oxide chemical sensors created by laser CVD and PLD techniques</title>. , 2002, , .		0
147	Fabrication of nanostructured aluminium thin film and in-situ monitoring of the growth. , 2010, , .		0
148	Study of Fe-Co Nanocomposite Films. , 2010, , .		0
149	Global sensitivity analysis of the XUV-ABLATOR code. Proceedings of SPIE, 2013, , .	0.8	0
150	Characterisation of Defects in ZnO Implanted by Hydrogen. Defect and Diffusion Forum, 2015, 365, 49-54.	0.4	0
151	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
152	The Fe-Au interface: Hyperfine interactions of ^{57}Fe by Mössbauer transmission and conversion electron spectroscopy. AIP Conference Proceedings, 2016, , .	0.4	0
153	Defect studies of Mg films deposited on various substrates. Journal of Physics: Conference Series, 2016, 674, 012024.	0.4	0
154	Creation and behavior of radicals and ions in the Acetylene/Argon microwave ECR discharge. Plasma Processes and Polymers, 2017, 14, 1700062.	3.0	0
155	Magnetic Resonance Study of α -Type 3C SiC Microparticles. Physica Status Solidi (B): Basic Research, 2020, 257, 2000306.	1.5	0
156	Ferromagnetic $\text{Rh}_2\text{Mn}_5\text{Bi}_4$ thin film alloy epitaxially grown on $\text{MgO}(001)$. Thin Solid Films, 2020, 714, 138388.	1.8	0
157	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
158	Ground State Er^{3+} Ion in the $\text{YGa}_3(\text{BO}_3)_4$. Acta Physica Polonica A, 2020, 138, 777-780.	0.5	0
159	Effect of Twinning on Angle-Resolved Photoemission Spectroscopy Analysis of $\text{Ni}_{49.7}\text{Mn}_{29.1}\text{Ga}_{21.2}(100)$ Heusler Alloy. Materials, 2022, 15, 717.	2.9	0
160	Langmuir Probe Perturbations during In Situ Monitoring of Pulsed Laser Deposition Plasmas. Materials, 2022, 15, 2769.	2.9	0
161	Deposition of carbon nitride films by laser techniques. , 0, , .		0