

CITATION REPORT

List of articles citing

Production of porous carbon thin films by pulsed laser depos

DOI: 10.1016/S0040-6090(99)00274-6
Thin Solid Films, 1999, 350, 49-52.

Source: <https://exaly.com/paper-pdf/30288667/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
63	Optical devices fabricated from porous thin films embedded with liquid crystals.		
62	Simulation of 3D Films Deposited by Glancing Angle Deposition Using 3D-Films. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 616, 141		
61	Non-lithographic Nanocolumn Fabrication with Application to Field Emitters. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 636, 9241		1
60	Growth Behaviour of Engineered Porous Thin Films - Measurement and Modeling. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 648, 1		
59	Nanoindentation of Microspring Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 657, 5151		1
58	Alignment and switching of nematic liquid crystals embedded in porous chiral thin films. <i>Liquid Crystals</i> , 2000 , 27, 387-391	2.3	36
57	Axial loading of a chiral sculptured thin film. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2000 , 8, 677-686	2	7
56	Three-dimensional simulation of film microstructure produced by glancing angle deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000 , 18, 2507	2.9	72
55	Observations of the microscopic growth mechanism of pillars and helices formed by glancing-angle thin-film deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001 , 19, 158-166	2.9	98
54	Field emission from carbon and silicon films with pillar microstructure. <i>Thin Solid Films</i> , 2001 , 389, 1-4	2.2	32
53	Microsprings and microcantilevers: studies of mechanical response. <i>Journal of Micromechanics and Microengineering</i> , 2001 , 11, 582-588	2	49
52	Debris reduction for copper and diamond-like carbon thin films produced by magnetically guided pulsed laser deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002 , 20, 744-747	2.9	14
51	Growth behavior of evaporated porous thin films. <i>Journal of Materials Research</i> , 2002 , 17, 2904-2911	2.5	62
50	Porous thin films for the characterization of atomic force microscope tip morphology. <i>Thin Solid Films</i> , 2002 , 408, 79-86	2.2	7
49	Optical performance of porous TiO ₂ chiral thin films. 2003 ,		
48	Nanostructured Oxide Films for High-Speed Humidity Sensors. <i>Materials Research Society Symposia Proceedings</i> , 2003 , 788, 1141		0
47	Mechanical characteristics of nanoscale springs. <i>Journal of Applied Physics</i> , 2004 , 95, 267-271	2.5	36

46	Effects of Deposition Angle on the Optical Properties of Helically Structured Films. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 846, DD10.17.1		1
45	Ultrahigh vacuum glancing angle deposition system for thin films with controlled three-dimensional nanoscale structure. <i>Review of Scientific Instruments</i> , 2004 , 75, 1089-1097	1.7	162
44	Optical properties of porous helical thin films and the effects of post-deposition annealing. 2004 ,		13
43	Chiral and nanostructured optical materials. 2004 ,		
42	Effect of porosity on optical properties of chiral films. 2005 ,		
41	Dense and porous ZnO thin films produced by pulsed laser deposition. <i>Applied Surface Science</i> , 2005 , 248, 392-396	6.7	29
40	Direct deposition of aligned nanorod array onto cylindrical objects. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005 , 23, 947		19
39	Double-handed circular Bragg phenomena in polygonal helix thin films. <i>Journal of Applied Physics</i> , 2005 , 98, 083517	2.5	49
38	Double-handed circular Bragg reflection bands in chiral thin films. 2005 , 5870, 16		
37	Nanostructure evolution of YBa ₂ Cu ₃ O _x thin films grown by pulsed-laser glancing-angle deposition. <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 1230		9
36	Birefringence enhancement in annealed TiO ₂ thin films. <i>Journal of Applied Physics</i> , 2007 , 102, 013517	2.5	49
35	Structural Evolution of Nanostructured YBa ₂ Cu ₃ O _x Thin Films Formed by Pulsed Laser Glancing Angle Deposition. <i>Solid State Phenomena</i> , 2007 , 121-123, 947-950	0.4	
34	Glancing angle deposition: Fabrication, properties, and applications of micro- and nanostructured thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007 , 25, 1317	2.9	658
33	Transparent conductors as solar energy materials: A panoramic review. <i>Solar Energy Materials and Solar Cells</i> , 2007 , 91, 1529-1598	6.4	1225
32	Study of porous carbon thin films produced by pulsed laser deposition. <i>Applied Surface Science</i> , 2007 , 253, 7964-7968	6.7	6
31	Angularly resolved photoluminescent emission from pulsed-laser-deposited ZnO films with different microstructures. <i>Applied Physics A: Materials Science and Processing</i> , 2007 , 90, 141-147	2.6	2
30	Production of porous nanostructured zinc oxide thin films by pulsed laser deposition. <i>Optical Materials</i> , 2007 , 29, 1111-1114	3.3	20
29	Hexagonal-close-packed, hierarchical amorphous TiO ₂ nanocolumn arrays: transferability, enhanced photocatalytic activity, and superamphiphilicity without UV irradiation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14755-62	16.4	305

28	A facile process to improve linear birefringence of SiO ₂ thin films. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 165305	3	3
27	Template-based and template-free preparation of nanostructured parylene via oblique angle polymerization. <i>Thin Solid Films</i> , 2010 , 518, 4252-4255	2.2	28
26	Glancing Angle Deposition. 2010 , 621-678		42
25	Tilted Aligned Epitaxial La _{0.7} Sr _{0.3} MnO ₃ Nanocolumnar Films with Enhanced Low-Field Magnetoresistance by Pulsed Laser Oblique-Angle Deposition. <i>Crystal Growth and Design</i> , 2011 , 11, 5405-5409 ²⁵	3.5	25
24	Recent progress in the synthesis and applications of nanoporous carbon films. <i>Journal of Materials Chemistry</i> , 2011 , 21, 313-323		73
23	Advanced multi-component nanostructures designed by dynamic shadowing growth. <i>Nanoscale</i> , 2011 , 3, 2361-75	7.7	69
22	Suppression of circular Bragg phenomenon in chiral sculptured thin films produced with simultaneous rocking and rotation of substrate during serial bideposition. 2012 ,		
21	Molecular dynamics simulation study of the growth of a rough amorphous carbon film by the grazing incidence of energetic carbon atoms. <i>Carbon</i> , 2012 , 50, 404-410	10.4	25
20	Colossal humidoresistance in ceria added magnesium ferrite thin film by pulsed laser deposition. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 402-409	8.5	11
19	Generalized Ellipsometry Characterization of Sculptured Thin Films Made by Glancing Angle Deposition. 2013 , 341-410		7
18	THz Generalized Ellipsometry Characterization of Highly-Ordered Three-Dimensional Nanostructures. 2013 , 411-428		1
17	Surface multiplasmonics with periodically non-homogeneous thin films. 2013 , 450-492		
16	Preparation of metal nanorods substrates for SERS application. 2013 ,		2
15	Dynamic Shadowing Growth and Its Energy Applications. <i>Frontiers in Energy Research</i> , 2014 , 2,	3.8	12
14	Introduction: Glancing Angle Deposition Technology. 2014 , 1-30		4
13	Nanoporous Carbon Membranes and Webs. 2014 , 215-236		2
12	Nanostructured Diamond-Like Carbon Films Grown by Off-Axis Pulsed Laser Deposition. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-6	3.2	3
11	Pulsed laser deposited porous nano-carpets of indium tin oxide and their use as charge collectors in core-shell structures for dye sensitized solar cells. <i>Nanoscale</i> , 2015 , 7, 2400-8	7.7	19

10	Dense zig-zag microstructures in YSZ thin films by pulsed laser deposition. <i>APL Materials</i> , 2015 , 3, 016104.7	4
9	Plasma characteristics of 355 nm and 532 nm laser deposition of Al-doped ZnO films. <i>Surface and Coatings Technology</i> , 2016 , 303, 191-196	4.4 6
8	Nanoporous Carbon Membranes. 2016 , 447-463	
7	Fabrication and gas permeation of CMS/C composite membranes based on polyimide and phenolic resin. <i>RSC Advances</i> , 2016 , 6, 75390-75399	3.7 12
6	Influence of Deposition Conditions. <i>Springer Series in Materials Science</i> , 2018 , 273-298	0.9 1
5	Surface multiplasmonics with periodically nonhomogeneous thin films. 2018 , 449-486	
4	Crystallographically oriented porous ZnO nanostructures with visible-blind photoresponse: Controlling the growth and optical properties. <i>Materialia</i> , 2019 , 6, 100326	3.2 4
3	Controlling porosity and ultraviolet photoresponse of crystallographically oriented ZnO nanostructures grown by pulsed laser deposition. <i>Scripta Materialia</i> , 2019 , 162, 24-27	5.6 13
2	New generation carbon particles embedded diamond-like carbon coatings for transportation industry. 2020 , 307-332	1
1	Nanoindentation of Microsprings and Microcantilevers. 2002 , 35-42	