

Daniel Hasko

List of Publications by Year in descending order

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39
papers

410
citations

933447

10
h-index

752698

20
g-index

39
all docs

39
docs citations

39
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and properties of thin parylene layers as the gate dielectrics for organic field effect transistors. <i>Microelectronics Journal</i> , 2009, 40, 595-597.	2.0	77
2	Structural and optical properties of sputtered ZnO thin films. <i>Applied Surface Science</i> , 2008, 254, 3643-3647.	6.1	66
3	Annealing and recrystallization of amorphous ZnO thin films deposited under cryogenic conditions by pulsed laser deposition. <i>Thin Solid Films</i> , 2011, 520, 866-870.	1.8	31
4	Soft Hydrogel Zwitterionic Coatings Minimize Fibroblast and Macrophage Adhesion on Polyimide Substrates. <i>Langmuir</i> , 2019, 35, 1085-1099.	3.5	31
5	Advanced antifouling zwitterionic layer based impedimetric HER2 biosensing in human serum: Glycoprofiling as a novel approach for breast cancer diagnostics. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 626-633.	7.8	28
6	Growth and Properties of Sprayed CZTS Thin Films. <i>Journal of Electronic Materials</i> , 2018, 47, 5477-5487.	2.2	23
7	Wafer-scale transfer of nanoimprinted patterns into silicon substrates. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009, 41, 1118-1121.	2.7	22
8	AFM surface analysis of ZnO layers prepared by pulsed laser deposition at different oxygen pressures. <i>Vacuum</i> , 2009, 84, 166-169.	3.5	12
9	Nanopendeo coalescence overgrowth of GaN on etched nanorod array. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2334-2336.	0.8	12
10	A combined X-ray, ellipsometry and atomic force microscopy study on thin parylene films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 1727-1730.	1.8	10
11	Structural, electrical and optical properties of ZnO/Si structures prepared by sputtering or pulsed laser deposition. <i>Journal of Physics: Conference Series</i> , 2008, 100, 042031.	0.4	9
12	Functionality of novel black silicon based nanostructured surfaces studied by TOF SIMS. <i>Applied Surface Science</i> , 2010, 256, 2147-2154.	6.1	9
13	Stress investigation of the AlGaIn/GaN micromachined circular diaphragms of a pressure sensor. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 015001.	2.6	9
14	Preparation and properties of ZnO layers grown by various methods. <i>Applied Surface Science</i> , 2008, 255, 1419-1422.	6.1	8
15	Grain Boundary Effect on Charge Transport in Pentacene Thin Films. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 04DK03.	1.5	8
16	Avalanche photodiode with sectional InGaAsP/InP charge layer. <i>Microelectronics Journal</i> , 2006, 37, 483-486.	2.0	7
17	Characterization of the degradation process of Si-PCPDTBT:PC70BM(1:2) blend layers deposited on ITO/glass substrate. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 210-214.	6.2	7
18	Properties of MOVPE GaN grown on ZnO deposited on Si(001) and Si(111) substrates. <i>Journal of Crystal Growth</i> , 2008, 310, 4891-4895.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Mixed 2D molecular systems: Mechanic, thermodynamic and dielectric properties. Applied Surface Science, 2008, 254, 6370-6375.	6.1	5
20	SiC-based cermet with electrically conductive grain boundaries. Materials Characterization, 2010, 61, 420-426.	4.4	5
21	Comparative study of ZnO layers prepared by PLD from different targets at various oxygen pressure levels. Open Physics, 2009, 7, .	1.7	3
22	Fullerenes, Nanotubes, and Graphite as Matrices for Collision Mechanism in Secondary Ion Mass Spectrometry: Determination of Cyclodextrin. Journal of the American Society for Mass Spectrometry, 2011, 22, 2179-2187.	2.8	3
23	Identification of the crystalline-phases in thin pentacene layers by Raman spectroscopy. Vacuum, 2012, 86, 627-629.	3.5	3
24	Surface analysis of EVOH and its nanocomposite photoageing: Particles effect. Vacuum, 2017, 138, 125-133.	3.5	3
25	Interface Modification of Pentacene OFET Gate Dielectrics. Springer Proceedings in Physics, 2009, , 185-187.	0.2	3
26	Structural and optical characterization of photonics structures prepared by nanoimprint technology. , 2008, , .		2
27	InGaAs/InP avalanche photodiodes with a thin multiplication layer. , 0, , .		1
28	Vortex behaviour in a superconducting NbN/AlN multilayered nanocomposite. Superconductor Science and Technology, 2006, 19, 612-617.	3.5	1
29	Characterisation of organic field effect transistor structures by micro-Raman spectroscopy, AFM and XRD methods. , 2008, , .		1
30	Pentacene OTFT with parylene gate dielectric. , 2008, , .		1
31	Large area diffraction-based inspection of submicron periodic structures. Microelectronic Engineering, 2009, 86, 1025-1028.	2.4	1
32	Surface morphology study of recrystallization dynamics of amorphous ZnO layers prepared on different substrates. Applied Physics A: Materials Science and Processing, 2014, 117, 1353-1358.	2.3	1
33	Fabrication and characterization of materials and structures for hybrid organic/inorganic photonics. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	1
34	Growth of nanocrystalline Cu ₂ ZnSnS ₄ thin films using the spray pyrolysis technique and their characterization. AIP Conference Proceedings, 2018, , .	0.4	1
35	Demonstration of Automated Adjustment and Coupling of Fiber Array to PICs Based on the Detection of Edges. Fiber and Integrated Optics, 2020, 39, 24-38.	2.5	1
36	Optical response time of InGaAs(P)/InP photodiodes. , 0, , .		0

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37	Investigation of GaN/ZnO heterostructures properties. , 2006, , .		0
38	Structural and electronic properties of pentacene/pentacenequinone thin films prepared by Langmuir-Blodgett technique. Collection of Czechoslovak Chemical Communications, 2009, 74, 565-579.	1.0	0
39	Dielectric Properties of Boron Nitride in TH_z Region Synthesized with Nonenergetic CVD . International Journal of Applied Ceramic Technology, 2013, 10, E167.	2.1	0