Daniel Hasko

List of Publications by Year
in descending order

39	410	933447 10	752698 20
papers	citations	h-index	g-index

39	39	39	780
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Soft Hydrogel Zwitterionic Coatings Minimize Fibroblast and Macrophage Adhesion on Polyimide Substrates. Langmuir, 2019, 35, 1085-1099.	3.5	31
3	Growth of nanocrystalline Cu2ZnSnS4 thin films using the spray pyrolysis technique and their characterization. AIP Conference Proceedings, 2018, , .	0.4	1
4	Advanced antifouling zwitterionic layer based impedimetric HER2 biosensing in human serum: Glycoprofiling as a novel approach for breast cancer diagnostics. Sensors and Actuators B: Chemical, 2018, 272, 626-633.	7.8	28
5	Growth and Properties of Sprayed CZTS Thin Films. Journal of Electronic Materials, 2018, 47, 5477-5487.	2.2	23
6	Surface analysis of EVOH and its nanocomposite photoageing: Particles effect. Vacuum, 2017, 138, 125-133.	3.5	3
7	Fabrication and characterization of materials and structures for hybrid organicâ€“inorganic photonics. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	1
8	Stress investigation of the AlGaN/GaN micromachined circular diaphragms of a pressure sensor. Journal of Micromechanics and Microengineering, 2015, 25, 015001.	2.6	9
9	Characterization of the degradation process of Si-PCPDTBT:PC70BM(1:2) blend layers deposited on ITO/glass substrate. Solar Energy Materials and Solar Cells, 2015, 132, 210-214.	6.2	7
10	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
11	Dielectric Properties of Boron Nitride in <scp>TH</scp>z Region Synthesized with Nonenergetic <scp>CVD</scp>. International Journal of Applied Ceramic Technology, 2013, 10, E167.	2.1	0
12	Identification of the crystalline-phases in thin pentacene layers by Raman spectroscopy. Vacuum, 2012, 86, 627-629.	3.5	3
13	Annealing and recrystallization of amorphous ZnO thin films deposited under cryogenic conditions by pulsed laser deposition. Thin Solid Films, 2011, 520, 866-870.	1.8	31
14	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
15	Nanopendeo coalescence overgrowth of GaN on etched nanorod array. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2334-2336.	0.8	12
16	Grain Boundary Effect on Charge Transport in Pentacene Thin Films. Japanese Journal of Applied Physics, 2011, 50, 04DK03.	1.5	8
17	Functionality of novel black silicon based nanostructured surfaces studied by TOF SIMS. Applied Surface Science, 2010, 256, 2147-2154.	6.1	9
18	SiC-based cermet with electrically conductive grain boundaries. Materials Characterization, 2010, 61, 420-426.	4.4	5

#	Article	IF	Citations
19	A combined Xâ€ray, ellipsometry and atomic force microscopy study on thin paryleneâ€€ films. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1727-1730.	1.8	10
20	AFM surface analysis of ZnO layers prepared by pulsed laser deposition at different oxygen pressures. Vacuum, 2009, 84, 166-169.	3.5	12
21	Large area diffraction-based inspection of submicron periodic structures. Microelectronic Engineering, 2009, 86, 1025-1028.	2.4	1
22	Preparation and properties of thin parylene layers as the gate dielectrics for organic field effect transistors. Microelectronics Journal, 2009, 40, 595-597.	2.0	77
23	Wafer-scale transfer of nanoimprinted patterns into silicon substrates. Physica E: Low-Dimensional Systems and Nanostructures, 2009, 41, 1118-1121.	2.7	22
24	Comparative study of ZnO layers prepared by PLD from different targets at various oxygen pressure levels. Open Physics, 2009, 7, .	1.7	3
25	Structural and electronic properties of pentacene/pentacenequinone thin films prepared by Langmuirâ€“Blodgett technique. Collection of Czechoslovak Chemical Communications, 2009, 74, 565-579.	1.0	0
26	Interface Modification of Pentacene OFET Gate Dielectrics. Springer Proceedings in Physics, 2009, , 185-187.	0.2	3
27	Properties of MOVPE GaN grown on ZnO deposited on Si(001) and Si(111) substrates. Journal of Crystal Growth, 2008, 310, 4891-4895.	1.5	5
28	Structural and optical properties of sputtered ZnO thin films. Applied Surface Science, 2008, 254, 3643-3647.	6.1	66
29	Mixed 2D molecular systems: Mechanic, thermodynamic and dielectric properties. Applied Surface Science, 2008, 254, 6370-6375.	6.1	5
30	Preparation and properties of ZnO layers grown by various methods. Applied Surface Science, 2008, 255, 1419-1422.	6.1	8
31	Characterisation of organic field effect transistor structures by micro-Raman spectroscopy, AFM and XRD methods. , 2008, , .		1
32	Pentacene OTFT with parylene gate dielectric. , 2008, , .		1
33	Structural, electrical and optical properties of ZnO/Si structures prepared by sputtering or pulsed laser deposition. Journal of Physics: Conference Series, 2008, 100, 042031.	0.4	9
34	Structural and optical characterization of photonics structures prepared by nanoimprint technology. , 2008, , .		2
35	Avalanche photodiode with sectional InGaAsP/InP charge layer. Microelectronics Journal, 2006, 37, 483-486.	2.0	7
36	Vortex behaviour in a superconducting NbNâ€“AlN multilayered nanocomposite. Superconductor Science and Technology, 2006, 19, 612-617.	3.5	1

#	Article	IF	Citations
37	Investigation of GaN/ZnO heterostructures properties. , 2006, , .		0
38	Optical response time of InGaAs(P)/InP photodiodes. , 0, , .		0
39	InGaAs/InP avalanche photodiodes with a thin multiplication layer. , 0, , .		1