

Hilal Goktas

List of Publications by Year in descending order

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papers

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32
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolithic Flexible Supercapacitors Integrated into Single Sheets of Paper and Membrane via Vapor Printing. <i>Advanced Materials</i> , 2017, 29, 1606091.	21.0	55
2	Characterization of Langmuir-Blodgett films of a calix[8]arene and sensing properties towards volatile organic vapors. <i>Sensors and Actuators B: Chemical</i> , 2010, 148, 358-365.	7.8	48
3	Room Temperature Resistive Volatile Organic Compound Sensing Materials Based on a Hybrid Structure of Vertically Aligned Carbon Nanotubes and Conformal oCVD/iCVD Polymer Coatings. <i>ACS Sensors</i> , 2016, 1, 374-383.	7.8	47
4	Optical parameters of calix[4]arene films and their response to volatile organic vapors. <i>Sensors and Actuators B: Chemical</i> , 2011, 158, 235-240.	7.8	39
5	Optical phase distribution evaluation by using an S-transform. <i>Optics Letters</i> , 2007, 32, 591.	3.3	29
6	Preparation and characterization of ethylenediamine and cysteamine plasma polymerized films on piezoelectric quartz crystal surfaces for a biosensor. <i>Thin Solid Films</i> , 2008, 516, 1249-1255.	1.8	27
7	The molecular structure of plasma polymerized thiophene and pyrrole thin films produced by double discharge technique. <i>Synthetic Metals</i> , 2009, 159, 2001-2008.	3.9	26
8	Langmuir-Blodgett thin film for chloroform detection. <i>Applied Surface Science</i> , 2015, 350, 129-134.	6.1	25
9	Functionalizable and electrically conductive thin films formed by oxidative chemical vapor deposition (oCVD) from mixtures of 3-thiopheneethanol (3TE) and ethylene dioxythiophene (EDOT). <i>Journal of Materials Chemistry C</i> , 2016, 4, 3403-3414.	5.5	25
10	Small-Area, Resistive Volatile Organic Compound (VOC) Sensors Using Metal-Polymer Hybrid Film Based on Oxidative Chemical Vapor Deposition (oCVD). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16213-16222.	8.0	23
11	The optical properties of plasma polymerized polyaniline thin films. <i>Thin Solid Films</i> , 2013, 548, 81-85.	1.8	20
12	Water-Assisted Vapor Deposition of PEDOT Thin Film. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1283-1289.	3.9	20
13	Effect of an azo dye (DR1) on the dielectric parameters of a nematic liquid crystal system. <i>Physica B: Condensed Matter</i> , 2007, 390, 101-105.	2.7	16
14	Spectroscopic Measurements of Electron Temperature and Electron Density in Electron Beam Plasma Generator Based on Collisional Radiative Model. <i>Spectroscopy Letters</i> , 2007, 40, 183-192.	1.0	15
15	Microprocessing by intense pulsed electron beam. <i>IEEE Transactions on Plasma Science</i> , 2002, 30, 1837-1842.	1.3	11
16	Characterization of Plasma-Polymerized Thiophene Thin Films and Nanoparticles Synthesized by a Double-Discharge Technique. <i>Plasma Processes and Polymers</i> , 2009, 6, 126-131.	3.0	10
17	Infection Free Titanium Alloys by Stable Thiol Based Nanocoating. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2583-2589.	0.9	8
18	Self-confinement of a fast pulsed electron beam generated in a double discharge. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 2793-2797.	2.8	7

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19	Effect of low-energy electron irradiation on (Bi, Pb)-2212 superconductors. Surface and Coatings Technology, 2005, 196, 118-122.	4.8	6
20	Plasma Polymerized Calixarene Thin Films and their Sensing Properties to Chloroform Vapors. Molecular Crystals and Liquid Crystals, 2010, 521, 104-111.	0.9	6
21	Polyfluorene Thin Films Synthesized by a Novel Plasma Polymerization Method. Plasma Chemistry and Plasma Processing, 2012, 32, 35-44.	2.4	5
22	Room Temperature Sensing Achieved by GaAs Nanowires and oCVD Polymer Coating. Macromolecular Rapid Communications, 2017, 38, 1700055.	3.9	5
23	Synthesis of carbon nanotubes by a plasma based pulsed electron beam generator. Physica Scripta, 2006, T123, 145-147.	2.5	4
24	Spectroscopic Investigation of a Double Discharge Pulsed Electron Beam Generator. Spectroscopy Letters, 2008, 41, 189-192.	1.0	4
25	Carbon coating by double discharge pulsed electron beam generator. , 0, , .		1
26	Modelling of Ne-like Copper X-ray laser driven by 1.2 ps short pulse and 280 ps background pulse configuration. European Physical Journal D, 2004, 54, C344-C348.	0.4	1
27	Plasma Copolymerization of Thiophene and Pyrrole. IEEE Transactions on Plasma Science, 2011, 39, 2578-2579.	1.3	1
28	Intense electron beam generation by a fast filamentary discharge. , 0, , .		0
29	Experimental study of the interaction of intense electron beams with metallic targets. , 2001, , .		0
30	Micro processing by intense fast electron beams. , 0, , .		0
31	Plasma polymerized composite thin films produced by double discharges technique. , 2010, , .		0
32	Improved Bone Formation in Osteoporotic Rabbits with the Bone Morphogenetic Protein-2 (rhBMP-2) Coated Titanium Screws Which Were Coated By Using Plasma Polymerization Technique. Open Access Macedonian Journal of Medical Sciences, 2014, 2, 198-208.	0.2	0