

Snejana M Kitova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/519934/publications.pdf>

Version: 2024-02-01

29
papers

713
citations

1040056

9
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and photocatalytic activity of Au/TiO ₂ thin films for azo-dye degradation. <i>Journal of Catalysis</i> , 2003, 220, 127-135.	6.2	408
2	Vacuum evaporated thin films of mixed cobalt and nickel oxides as electrocatalyst for oxygen evolution and reduction. <i>Electrochimica Acta</i> , 2002, 47, 1555-1560.	5.2	91
3	Analysis of errors in thin-film optical parameters derived from spectrophotometric measurements at normal light incidence. <i>Applied Optics</i> , 1998, 37, 4260.	2.1	80
4	Optical properties of phase-change optical disks with Sb _x Se _{100-x} films. <i>Vacuum</i> , 2000, 58, 496-501.	3.5	18
5	Electrocatalytic behavior of thin CoTeO films in oxygen evolution and reduction reactions. <i>Electrochimica Acta</i> , 2007, 52, 3794-3803.	5.2	18
6	Contact angle analysis of corona treated polypropylene films. <i>Journal of Physics: Conference Series</i> , 2012, 398, 012054.	0.4	18
7	Optical pattern formation in a-SiC:H films by Ga ⁺ ion implantation. <i>Vacuum</i> , 2002, 69, 73-77.	3.5	17
8	Photometric methods for determining the optical constants and the thicknesses of thin absorbing films: criteria for precise and unambiguous determination of n, k, and d in a wide spectral range. <i>Applied Optics</i> , 2001, 40, 2682.	2.1	16
9	Photometric methods for determining the optical constants and the thicknesses of thin absorbing films: selection of a combination of photometric quantities on the basis of error analysis. <i>Applied Optics</i> , 2001, 40, 2675.	2.1	14
10	Thin films of cobalt oxides obtained by vacuum co-deposition of Co and TeO ₂ . <i>Vacuum</i> , 2002, 69, 405-409.	3.5	5
11	Precious metal-free molecular machines for solar thermal energy storage. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1096-1106.	2.2	5
12	Thin films of cobalt oxides obtained by a reaction during vacuum deposition. <i>Vacuum</i> , 2004, 76, 147-150.	3.5	3
13	Reflectance methods for determining the optical constants of highly absorbing films: comparative analysis of the accuracy. <i>Journal of Optics</i> , 2007, 9, 145-151.	1.5	3
14	Influence of the processing conditions on the structural properties of ZnO layers obtained by PECVD. <i>Journal of Physics: Conference Series</i> , 2010, 253, 012031.	0.4	3
15	Effects of implantation temperature and thermal annealing on the Ga ⁺ ion beam induced optical contrast formation in a-SiC:H. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 307, 71-76.	1.4	3
16	Simulation of the diffraction by CD-R: thickness determination of the dye recording layer. <i>Journal of Optics</i> , 2001, 3, 460-465.	1.5	2
17	Surface morphology effects of post-implantation annealing in thin amorphous films of the AsSe system. <i>Vacuum</i> , 2003, 72, 143-147.	3.5	2
18	Optical modeling of bulk-heterojunction organic solar cells based on squaraine dye as electron donor. <i>Journal of Physics: Conference Series</i> , 2014, 558, 012052.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Focused ion beam optical patterning of ta-C films. Surface and Coatings Technology, 2016, 306, 341-345.	4.8	2
20	Effect of the substrate surface topology and temperature on the structural properties of ZnO layers obtained by plasma enhanced chemical vapour deposition. Journal of Physics: Conference Series, 2010, 223, 012022.	0.4	1
21	Influence of the nickel content on the electrocatalytic activity of thin nanostructured Coâ€“Teâ€“Niâ€“O films. Journal of Solid State Electrochemistry, 2010, 14, 1073-1078.	2.5	1
22	Structural properties of ZnO layers deposited on glass substrates by PECVD. Journal of Physics: Conference Series, 2012, 356, 012024.	0.4	1
23	Sensitivity And Resolution Of Digital Laser Recording Medium Based On Silver Halide Layers. , 1990, , .		0
24	Ion implantation induced surface morphology changes in thin As ₃ Se ₂ films. Vacuum, 2003, 70, 471-475.	3.5	0
25	Deposition of silicon oxynitride films by low energy ion beam assisted nitridation at room temperature. Journal of Physics: Conference Series, 2008, 113, 012028.	0.4	0
26	Effect of the gas composition on the structural and electrical properties of ZnO nanostructures obtained by oxidation of Zn at atmospheric pressure. Journal of Physics: Conference Series, 2012, 398, 012020.	0.4	0
27	Optical properties of thin merocyanine dye layers for photovoltaic applications. Journal of Physics: Conference Series, 2014, 514, 012019.	0.4	0
28	The impact of active layer nanomorphology on the efficiency of organic solar cells based on a squaraine dye electron donor. Journal of Physics: Conference Series, 2016, 700, 012052.	0.4	0
29	Ion Beam Induced Surface Modification of ta-C Thin Films. Acta Physica Polonica A, 2017, 132, 299-301.	0.5	0