Danuta Kaczmarek

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2400715/publications.pdf

Version: 2024-02-01

82	772	623188	642321
papers	citations	14 h-index	23 g-index

82	82	82	905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal oxidation impact on the optoelectronic and hydrogen sensing properties of p-type copper oxide thin films. Materials Research Bulletin, 2022, 147, 111646.	2.7	16
2	Investigation of a memory effect in a Au/(Tiâ€“Cu)Ox-gradient thin film/TiAlV structure. Beilstein Journal of Nanotechnology, 2022, 13, 265-273.	1.5	2
3	Photocatalytic Coatings Based on TiOx for Application on Flexible Glass for Photovoltaic Panels. Journal of Materials Engineering and Performance, 2022, 31, 6998-7008.	1.2	5
4	Multifunctional Nanocrystalline Cuâ€“Ti Thin Films Enhance Survival and Induce Proliferation of Mouse Fibroblasts In Vitro. Coatings, 2021, 11, 300.	1.2	2
5	Analysis of amorphous tungsten oxide thin films deposited by magnetron sputtering for application in transparent electronics. Applied Surface Science, 2021, 570, 151151.	3.1	29
6	Thermophysical properties of refractory W-50.4%Re and Mo-39.5%Re thin alloy layers deposited on silicon and silica substrates. International Journal of Refractory Metals and Hard Materials, 2020, 87, 105147.	1.7	4
7	Influence of Material Composition on Structure, Surface Properties and Biological Activity of Nanocrystalline Coatings Based on Cu and Ti. Coatings, 2020, 10, 343.	1.2	7
8	Influence of post-process annealing temperature on structural, optical, mechanical and corrosion properties of mixed TiO2WO3 thin films. Thin Solid Films, 2020, 698, 137856.	0.8	3
9	Investigations of structure and electrical properties of TiO2/CuO thin film heterostructures. Thin Solid Films, 2019, 690, 137538.	0.8	8
10	Characterization of HfO2 Optical Coatings Deposited by MF Magnetron Sputtering. Coatings, 2019, 9, 106.	1.2	44
11	The effect of post-process annealing on optical and electrical properties of mixed HfO2â€“TiO2 thin film coatings. Journal of Materials Science: Materials in Electronics, 2019, 30, 6358-6369.	1.1	6
12	Investigations of elemental composition and structure evolution in (Ti,Cu)-oxide gradient thin films prepared using (multi)magnetron co-sputtering. Surface and Coatings Technology, 2018, 334, 150-157.	2.2	15
13	Memristive properties of transparent oxide semiconducting (Ti,Cu)O_x-gradient thin film. Semiconductor Science and Technology, 2018, 33, 015002.	1.0	7
14	Comparison of the Physicochemical Properties of TiO2 Thin Films Obtained by Magnetron Sputtering with Continuous and Pulsed Gas Flow. Coatings, 2018, 8, 412.	1.2	52
15	Influence of magnetron powering mode on various properties of TiO₂ thin films. Materials Science-Poland, 2018, 36, 748-760.	0.4	3
16	Modification of various properties of HfO2 thin films obtained by changing magnetron sputtering conditions. Surface and Coatings Technology, 2017, 320, 426-431.	2.2	19
17	Comparison of structural, mechanical and corrosion properties of TiO 2 -WO 3 mixed oxide films deposited on TiAlV surface by electron beam evaporation. Applied Surface Science, 2017, 421, 185-190.	3.1	8
18	Influence of europium on structure modification of TiO2 thin films prepared by high energy magnetron sputtering process. Surface and Coatings Technology, 2017, 320, 132-137.	2.2	7

#	Article	IF	Citations
19	Influence of doping with Co, Cu, Ce and Fe on structure and photocatalytic activity of TiO₂nanoparticles. Materials Science-Poland, 2017, 35, 725-732.	0.4	13
20	An impact of the copper additive on photocatalytic and bactericidal properties of TiO₂ thin films. Materials Science-Poland, 2017, 35, 421-426.	0.4	6
21	Influence of Material Composition on Structural and Optical Properties of HfO2-TiO2 Mixed Oxide Coatings. Coatings, 2016, 6, 13.	1.2	9
22	Effect of the structure on biological and photocatalytic activity of transparent titania thin-film coatings. Materials Science-Poland, 2016, 34, 856-862.	0.4	6
23	Comparison of structural, mechanical and corrosion properties of (Ti0.68W0.32)Ox and (Ti0.41W0.59)Ox thin films, deposited on TiAlV surface by electron beam evaporation. Surface and Coatings Technology, 2016, 307, 596-602.	2.2	5
24	Influence of plasma treatment on wettability and scratch resistance of Ag-coated polymer substrates. Materials Science-Poland, 2016, 34, 418-426.	0.4	10
25	Influence of ITO layer application on electrical parameters of silicon solar cells with screen printed front electrode. Microelectronics International, 2016, 33, 172-175.	0.4	3
26	Investigations of electrical and optical properties of functional TCO thin films. Materials Science-Poland, 2015, 33, 363-368.	0.4	7
27	Mechanical and structural properties of titanium dioxide deposited by innovative magnetron sputtering process. Materials Science-Poland, 2015, 33, 660-668.	0.4	29
28	Influence of nanocrystalline structure and surface properties of TiO₂ thin films on the viability of L929 cells. Polish Journal of Chemical Technology, 2015, 17, 33-39.	0.3	7
29	Investigation of electrical performance of silicon solar cells with transparent counter electrode. Microelectronics International, 2015, 32, 149-151.	0.4	3
30	Investigation of microstructure, micro-mechanical and optical properties of HfTiO 4 thin films prepared by magnetron co-sputtering. Materials Research Bulletin, 2015, 72, 116-122.	2.7	17
31	Influence of Cuâ€“Ti thin film surface properties on antimicrobial activity and viability of living cells. Materials Science and Engineering C, 2015, 56, 48-56.	3.8	52
32	Investigation of structural, optical and micro-mechanical properties of (NdyTi1â^'y)Ox thin films deposited by magnetron sputtering. Materials and Design, 2015, 85, 377-388.	3.3	13
33	Influence of the structural and surface properties on photocatalytic activity of TiO₂:Nd thin films. Polish Journal of Chemical Technology, 2015, 17, 103-111.	0.3	5
34	Effect of the nanocrystalline structure type on the optical properties of TiO2:Nd (1at.%) thin films. Optical Materials, 2015, 42, 423-429.	1.7	10
35	Effect of Nd doping on structure and improvement of the properties of TiO2 thin films. Surface and Coatings Technology, 2015, 270, 57-65.	2.2	21
36	Influence of Nd dopant amount on microstructure and photoluminescence of TiO2:Nd thin films. Optical Materials, 2015, 48, 172-178.	1.7	14

#	Article	IF	Citations
37	Influence of Nd-Doping on Photocatalytic Properties of TiO₂Nanoparticles and Thin Film Coatings. International Journal of Photoenergy, 2014, 2014, 1-10.	1.4	22
38	Surface and mechanical characterization of ITO coatings prepared by microwaveâ€assisted magnetron sputtering process. Surface and Interface Analysis, 2014, 46, 827-831.	0.8	9
39	Investigation of structural, optical and electrical properties of (Ti,Nb)Ox thin films deposited by high energy reactive magnetron sputtering. Materials Science-Poland, 2014, 32, 457-464.	0.4	7
40	Investigations of reversible optical transmission in gasochromic (Tiâ€“Vâ€“Ta)Ox thin film for gas sensing applications. Sensors and Actuators B: Chemical, 2014, 201, 420-425.	4.0	8
41	Structural and surface properties of TiO2 thin films doped with neodymium deposited by reactive magnetron sputtering. Materials Science-Poland, 2013, 31, 71-79.	0.4	7
42	Influence of terbium on structure and luminescence of nanocrystalline TiO2 thin films. Open Physics, 2013, 11, .	0.8	0
43	Structural properties of transparent Ti-V oxide semiconductor thin films. Open Physics, 2013, 11, .	0.8	3
44	Characterization and properties of multicomponent oxide thin films with gasochromic effect. , 2013, , .		1
45	Correlation of Photocatalysis and Photoluminescence Effect in Relation to the Surface Properties of TiO₂:Tb Thin Films. International Journal of Photoenergy, 2013, 2013, 1-9.	1.4	44
46	Photoluminescence and Photocatalytic Properties of Nanocrystalline TiO₂:Tb Thin Films. Journal of Nano Research, 2012, 18-19, 187-193.	0.8	3
47	Photocatalytic properties of transparent TiO2 coatings doped with neodymium. Polish Journal of Chemical Technology, 2012, 14, 1-7.	0.3	9
48	P-type transparent Tiâ€“V oxides semiconductor thin film as a prospective material for transparent electronics. Thin Solid Films, 2012, 520, 3472-3476.	0.8	12
49	Synthesis and photocatalytic activity of undoped and doped TiO2 nanopowders. , 2011, , .		0
50	Self-cleaning properties of nanocrystalline TiO2 thin films doped with terbium. , 2011, , .		0
51	Characterization of titanium-vanadium oxides deposited on silicon substrates using in photovoltaic applications. , 2011, , .		0
52	Analysis of substrate type and thickness influence on wettability of Nb2O5 thin films. , 2011, , .		2
53	Optical and electrical properties of nanocrystalline TiO2:Pd semiconducting oxides. Open Physics, 2011, 9, 313-318.	0.8	5
54	Influence of nanocrystalline structure and composition on hardness of thin films based on TiO2. Open Physics, 2011, 9, 349-353.	0.8	1

#	Article	IF	Citations
55	Photocatalytic properties of nanocrystalline TiO2 thin films doped with Tb. Open Physics, 2011, 9, 354-359.	0.8	3
56	Hardness of nanocrystalline TiO. , 2010, , .		1
57	Sheet resistance and optical properties of ITO thin films deposited by magnetron sputtering with different O. , 2010, , .		2
58	Designing of antireflection coatings for optical lenses and solar cells. , 2010, , .		0
59	Influence of droplet size and surface preparation of TiO. , 2010, , .		1
60	Optical and structural properties of V. , 2010, , .		0
61	Influence of thickness on transparency and sheet resistance of ITO thin films. , 2010, , .		14
62	Investigation of antistatic properties of spectacle lenses with antireflective coatings. , 2010, , .		0
63	Application of spectrophotometry and ellipsometry for determination of optical parameters of optical coating thin films. , 2010, , .		0
64	Humidity influence on antistatic properties of optical coatings. , 2010, , .		1
65	Influence of Tb-dopant on water adsorption and wettability of TiO<inf>2</inf> thin films. , 2009, , .		1
66	TiO2 thin films doped with Pd and Eu for optically and electrically active TOSâ€“Si heterojunction. Optical Materials, 2009, 31, 1337-1339.	1.7	9
67	Structural and optical properties of terbium in TiO2 matrix. Optical Materials, 2009, 31, 1349-1352.	1.7	8
68	Investigation of gasochromic effects in TiO<inf>2</inf> thin films doped with W, Cr, Mo. , 2009, , .		1
69	Electrical investigation of transparent thin films based on TiO<inf>2</inf> doped with palladium and vanadium. , 2009, , .		1
70	Structural, electrical and surface static charge investigation of TiO<inf>2</inf> thin films doped with different amount of vanadium. , 2009, , .		0
71	Influence of annealing on the structure and stoichiometry of europium-doped titanium dioxide thin films. Vacuum, 2008, 82, 1007-1012.	1.6	36
72	Investigation of electrical and optical properties of TiO<inf>2</inf>:Pd, TiO<inf>2</inf>:(Eu,Pd) and TiO<inf>2</inf>:(Tb,Pd) thin films. , 2008, , .		0

#	Article	IF	Citations
73	Influence of Eu, Tb, Pd dopants on electrical and optical properties of nanostructured TiO<inf>2</inf> thin films. , 2008, , .		0
74	Structural properties of transparent Tb-doped TiO<inf>2</inf> thin films. , 2007, , .		0
75	Characterization of TiO2 and TiO2-HfO2 Transparent Thin Films for Microelectronics Applications. , 2006, , .		3
76	Transparent oxide semiconductors based on TiO2 doped with V, Co and Pd elements. Journal of Non-Crystalline Solids, 2006, 352, 2324-2327.	1.5	26
77	Detectors of optical and nuclear radiation examined by the light-beam-induced current (LBIC) method. , 2003, , .		1
78	The method for the reconstruction of complex images of specimens using backscattered electrons. Scanning, 2002, 24, 65-69.	0.7	4
79	Investigation of surface topography using a multidetector system in a SEM. Vacuum, 2001, 62, 303-308.	1.6	8
80	The method of increasing COMPO contrast by linearization of backscattering characteristic Î· =f(Z). Scanning, 1997, 19, 310-315.	0.7	10
81	Methods of topography mode realization in scanning electron microscope. , 1996, 2780, 125.		1
82	Hardness of Nanocrystalline TiO₂ Thin Films. Journal of Nano Research, 0, 18-19, 195-200.	0.8	41