

Anna Sobczyk-Guzenda

List of Publications by Citations

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papers

496
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573
ext. citations

4
avg, IF

3.42
L-index

#	Paper	IF	Citations
32	Characterization of thin TiO ₂ films prepared by plasma enhanced chemical vapour deposition for optical and photocatalytic applications. <i>Thin Solid Films</i> , 2009 , 517, 5409-5414	2.2	60
31	Plasma enhanced CVD deposition of titanium oxide for biomedical applications. <i>Surface and Coatings Technology</i> , 2005 , 200, 1036-1040	4.4	57
30	Photocatalytic activity of thin TiO ₂ films deposited using sol-gel and plasma enhanced chemical vapor deposition methods. <i>Ceramics International</i> , 2013 , 39, 2787-2794	5.1	40
29	Mechanical properties, chemical analysis and evaluation of antimicrobial response of Si-DLC coatings fabricated on AISI 316 LVM substrate by a multi-target DC-RF magnetron sputtering method for potential biomedical applications. <i>Applied Surface Science</i> , 2017 , 417, 23-33	6.7	34
28	Morphology, photocleaning and water wetting properties of cotton fabrics, modified with titanium dioxide coatings synthesized with plasma enhanced chemical vapor deposition technique. <i>Surface and Coatings Technology</i> , 2013 , 217, 51-57	4.4	33
27	Multi-doped diamond like-carbon coatings (DLC-Si/Ag) for biomedical applications fabricated using the modified chemical vapour deposition method. <i>Diamond and Related Materials</i> , 2016 , 67, 54-62	3.5	31
26	Surface properties and biological behaviour of Si-DLC coatings fabricated by a multi-target DCRF magnetron sputtering method for medical applications. <i>Diamond and Related Materials</i> , 2016 , 67, 41-50	3.5	31
25	Surface characterization and biological evaluation of silver-incorporated DLC coatings fabricated by hybrid RF PACVD/MS method. <i>Materials Science and Engineering C</i> , 2016 , 63, 462-74	8.3	27
24	Mechanical, photocatalytic and microbiological properties of titanium dioxide thin films synthesized with the sol-gel and low temperature plasma deposition techniques. <i>Materials Research Bulletin</i> , 2013 , 48, 4022-4031	5.1	24
23	Photo-induced properties of thin TiO ₂ films deposited using the radio frequency plasma enhanced chemical vapor deposition method. <i>Thin Solid Films</i> , 2007 , 515, 5275-5281	2.2	22
22	Diamond like carbon coatings doped by Si fabricated by a multi-target DC-RF magnetron sputtering method - Mechanical properties, chemical analysis and biological evaluation. <i>Vacuum</i> , 2017 , 143, 395-406	2.7	21
21	Surface Characteristics and Biological Evaluation of Si-DLC Coatings Fabricated Using Magnetron Sputtering Method on Ti6Al7Nb Substrate. <i>Nanomaterials</i> , 2019 , 9,	5.4	19
20	Iron doped thin TiO ₂ films synthesized with the RF PECVD method. <i>Ceramics International</i> , 2015 , 41, 7496-7500	5.1	15
19	Plasma enhanced aerosol-gel method: a new way of preparing ceramic coatings. <i>Journal of Sol-Gel Science and Technology</i> , 2013 , 68, 455-463	2.3	11
18	Thin SiNC/SiOC Coatings with a Gradient of Refractive Index Deposited from Organosilicon Precursor. <i>Coatings</i> , 2020 , 10, 794	2.9	7
17	Photo activated performance of titanium oxide coatings deposited by reactive gas impulse magnetron sputtering. <i>Surface and Coatings Technology</i> , 2018 , 349, 647-654	4.4	7
16	The effect of thermal annealing on Fe/TiO ₂ coatings deposited with the help of RF PECVD method. Part II. Optical and photocatalytic properties. <i>Ceramics International</i> , 2017 , 43, 4005-4014	5.1	6

15	The effect of thermal annealing on Fe/TiO ₂ coatings deposited with the help of RF PECVD method. Part I. Chemical and phase composition. <i>Ceramics International</i> , 2017 , 43, 3993-4004	5.1	6
14	Chemical structure and optical properties of a-SiNC coatings synthesized from different disilazane precursors with the RF plasma enhanced CVD technique – a comparative study. <i>Materials Research Express</i> , 2019 , 6, 016410	1.7	6
13	Amorphous and crystalline TiO ₂ coatings synthesized with the RF PECVD technique from metalorganic precursor. <i>Vacuum</i> , 2015 , 117, 104-111	3.7	5
12	Morphology, structure and photowettability of TiO ₂ coatings doped with copper and fluorine. <i>Ceramics International</i> , 2018 , 44, 5076-5085	5.1	5
11	Synthesis of functionalized carbon nanotubes for fluorescent biosensors. <i>Nanotechnology Reviews</i> , 2020 , 9, 1237-1244	6.3	5
10	Plasma enhanced chemical vapor deposition of iron doped thin dioxide films, their structure and photowetting effect. <i>Thin Solid Films</i> , 2015 , 589, 605-612	2.2	4
9	Fluorine doped titanium dioxide films manufactured with the help of plasma enhanced chemical vapor deposition technique. <i>Thin Solid Films</i> , 2018 , 650, 78-87	2.2	4
8	Orthogonal Functionalization of Nanodiamond Particles after Laser Modification and Treatment with Aromatic Amine Derivatives. <i>Nanomaterials</i> , 2018 , 8,	5.4	4
7	The use of liposomes in the modification of polycaprolactone fibers. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	3
6	Bactericidal and photowetting effects of titanium dioxide coatings doped with iron and copper/fluorine deposited on stainless steel substrates. <i>Surface and Coatings Technology</i> , 2018 , 347, 66-75	4.4	2
5	A stack multilayer high reflectance optical filter produced on polyester substrate with the PECVD technique. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2009 , 57,		2
4	Reduced Graphene Oxides Modulate the Expression of Cell Receptors and Voltage-Dependent Ion Channel Genes of Glioblastoma Multiforme. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
3	Optimization of Glutathione Adhesion Process to Modified Graphene Surfaces. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
2	The Influence of Diamond Nanoparticles on Fibroblast Cell Line L929, Cytotoxicity and Bacteriostaticity of Selected Pathogens. <i>Coatings</i> , 2022 , 12, 280	2.9	0
1	Thin SixNyCz films deposited from hexamethyldisilazane by RF PECVD technique for optical filter applications. <i>Materials Science-Poland</i> , 2017 , 36, 56-68	0.6	