

Stanisław Mitura

List of Publications by Year in descending order

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65
papers

1,275
citations

361045

20
h-index

377514

34
g-index

67
all docs

67
docs citations

67
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of interaction between inorganic nanoparticles and bacteria or fungi. International Journal of Nanomedicine, 2010, 5, 1085.	3.3	226
2	Biopolymers for hydrogels in cosmetics: review. Journal of Materials Science: Materials in Medicine, 2020, 31, 50.	1.7	147
3	Nucleation of diamond powder particles in an RF methane plasma. Journal of Crystal Growth, 1987, 80, 417-424.	0.7	64
4	Diamond-like carbon coatings for biomedical applications. Diamond and Related Materials, 1994, 3, 896-898.	1.8	59
5	Nanocrystalline Diamond Coatings. Chaos, Solitons and Fractals, 1999, 10, 2165-2176.	2.5	56
6	Biocompatibility of NCD. Journal of Wide Bandgap Materials, 2002, 9, 261-272.	0.1	50
7	Influence of diamond powder particles on human gene expression. Surface and Coatings Technology, 2007, 201, 6131-6135.	2.2	48
8	Nucleation of allotropic carbon in an external electric field. Thin Solid Films, 1985, 128, 353-360.	0.8	41
9	Electrical properties of thin carbon films obtained by r.f. methane decomposition on an r.f.-powered negatively self-biased electrode. Thin Solid Films, 1986, 136, 161-166.	0.8	40
10	Manufacture of amorphous carbon layers by r.f. dense plasma CVD. Diamond and Related Materials, 1995, 4, 302-303.	1.8	36
11	The system for depositing hard diamond-like films onto complex-shaped machine elements in an r.f. arc plasma. Surface and Coatings Technology, 1991, 47, 106-112.	2.2	32
12	Amorphous carbon "Biomaterial for implant coatings. Diamond and Related Materials, 1994, 3, 899-901.	1.8	31
13	Interactions between carbon coatings and tissue. Surface and Coatings Technology, 2006, 201, 2117-2123.	2.2	29
14	Influence of carbon coatings origin on the properties important for biomedical application. Diamond and Related Materials, 1996, 5, 1185-1188.	1.8	26
15	Electrical conductivity and optical absorption of carbon films produced by r.f. decomposition of methane. Thin Solid Films, 1986, 145, 17-22.	0.8	23
16	The properties of carbon layers deposited onto titanium substrates. Diamond and Related Materials, 1996, 5, 998-1001.	1.8	23
17	Visualisation of Morphological Interaction of Diamond and Silver Nanoparticles with <i>Salmonella</i> Enteritidis and <i>Listeria Monocytogenes</i>. Journal of Nanoscience and Nanotechnology, 2011, 11, 7635-7641.	0.9	23
18	Investigation of anti-corrosion properties of Ti:C gradient layers manufactured in hybrid deposition system. Journal of Materials Science, 2008, 43, 3385-3391.	1.7	22

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19	Open-circuit mode drift mobility measurements in DLC films. <i>Diamond and Related Materials</i> , 1994, 3, 858-860.	1.8	21
20	TiNâ€‘NCD composite coating produced on the Ti6Al4V alloy for medical applications. <i>Surface and Coatings Technology</i> , 2005, 200, 87-89.	2.2	20
21	Application of diamond-like layers as gate dielectric in metal/insulator/semiconductor transistor. <i>Diamond and Related Materials</i> , 1994, 3, 853-857.	1.8	19
22	Nanocrystalline C=N thin films. <i>Diamond and Related Materials</i> , 1996, 5, 564-569.	1.8	16
23	Comparison of the surface structure of carbon films deposited by different methods. <i>Diamond and Related Materials</i> , 1997, 6, 721-724.	1.8	15
24	Etching and deposition phenomena in an R.F. CH ₄ plasma. <i>Thin Solid Films</i> , 1987, 147, 83-92.	0.8	14
25	In situ doping of a-cBN layers. <i>Diamond and Related Materials</i> , 1995, 4, 1131-1136.	1.8	14
26	The corrosion tests of amorphous carbon coatings deposited by r.f. dense plasma onto steel with different chromium contents. <i>Diamond and Related Materials</i> , 1995, 4, 1251-1254.	1.8	13
27	Colour carbon coatings. <i>Diamond and Related Materials</i> , 2001, 10, 1121-1124.	1.8	12
28	Graphite microregions effect upon the Si-diamond layer junction properties. <i>Diamond and Related Materials</i> , 1992, 1, 588-593.	1.8	11
29	EinfluÃŸ von Passivierungs- und Kohlenstoffschichten auf austenitischen CrNiMo-StÃ¤hlen auf die BestÃ¤ndigkeit gegen LochfraÃŸ und SpannungsriÃŸkorrosion. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 1993, 44, 379-383.	0.8	11
30	Raman spectroscopy studies of meteoritic diamonds. <i>Diamond and Related Materials</i> , 2007, 16, 781-783.	1.8	10
31	Heterojunction silicon-carbon films with SiC interlayer. <i>Diamond and Related Materials</i> , 1992, 1, 677-680.	1.8	9
32	Field emission arrays by silicon micromachining. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000, 18, 896.	1.6	9
33	Extraterrestrial, terrestrial and laboratory diamonds â€” Differences and similarities. <i>Diamond and Related Materials</i> , 2008, 17, 1179-1185.	1.8	9
34	RF plasma selective etching of boron nitride films. <i>Diamond and Related Materials</i> , 2000, 9, 609-613.	1.8	8
35	Haemocompatibility Of Non-Functionalized And Plasmachemical Functionalized Detonation Nanodiamond Particles. <i>Archives of Metallurgy and Materials</i> , 2015, 60, 2183-2189.	0.6	7
36	Fire Resistance of Geopolymer Foams Layered on Polystyrene Boards. <i>Polymers</i> , 2022, 14, 1945.	2.0	7

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37	Radio-frequency hot-filament CVD of diamond. <i>Diamond and Related Materials</i> , 1992, 1, 239-242.	1.8	6
38	Electrical properties of diamond-like C _i -Si heterojunctions manufactured under ultraclean conditions. <i>Diamond and Related Materials</i> , 1993, 2, 788-792.	1.8	6
39	Field emission cathode array with self-aligned gate electrode fabricated by silicon micromachining. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000, 18, 3544.	1.6	6
40	Fabrication and properties of Mo contacts to amorphous cubic boron nitride (a-cBN) layers. <i>Diamond and Related Materials</i> , 1996, 5, 1017-1020.	1.8	5
41	Angiosarcoma of the scalp: a case report. <i>Journal of Contemporary Brachytherapy</i> , 2014, 2, 208-212.	0.4	5
42	Nanostructured Diamond Device for Biomedical Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1006-1013.	0.9	5
43	Nanocrystalline diamond for medicine. <i>Journal of Nanoscience and Nanotechnology</i> , 1997, 1, 1-10.		4
44	The Influence of Suspension Containing Nanodiamonds on the Morphology of the Tooth Tissue Surface in Atomic Force Microscope Observations. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	4
45	State of the silicon-DLC layer interface produced by plasma methods. <i>Diamond and Related Materials</i> , 1996, 5, 1204-1209.	1.8	3
46	Bioactivity of diamond. <i>Journal of Nanoscience and Nanotechnology</i> , 2000, 2, 1-10.		3
47	Structure origins of diffraction pattern features of diamond-like films. <i>Diamond and Related Materials</i> , 1993, 2, 573-574.	1.8	2
48	In situ doping of DLC films. <i>Diamond and Related Materials</i> , 1996, 5, 124-127.	1.8	2
49	Carbon Coatings onto Shape Memory Alloys. <i>Journal of Wide Bandgap Materials</i> , 2001, 8, 189-194.	0.1	2
50	Gated field emitter arrays. <i>Microelectronic Engineering</i> , 2001, 57-58, 813-818.	1.1	2
51	Doping of Diamond-Like Carbon Films. <i>Journal of Nanoscience and Nanotechnology</i> , 1995, 1, 235-242.		2
52	Verification of Nanocrystalline Diamond Films Quality. <i>Journal of Nanoscience and Nanotechnology</i> , 1997, 1, 211-217.		2
53	Antireflection, Hard Carbon Coatings for IR Optics. <i>Materials Science Monographs</i> , 1991, 1, 795-798.	0.0	2
54	Inertness of diamond - truth or false. <i>Journal of Nanoscience and Nanotechnology</i> , 2000, 2, 1-10.		1

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55	An influence of microorganisms on surfaces covered with diamond-like coatings. , 0, , .		1
56	Nanocrystalline carbon coatings and powders for medicine. International Journal of Nanomanufacturing, 2008, 2, 29.	0.3	1
57	Allotropic Forms of Carbon Nitride. , 1997, , 151-159.		1
58	NOVEL SYNTHESIS OF NANOCRYSTALLINE DIAMOND FILMS. , 2002, , 107-145.		1
59	<title>Nanotribological investigations of NCD coatings covering metal slitting saws</title>. , 1997, , .		0
60	DLC passivation layers for high voltage silicon devices. , 0, , .		0
61	Dielectric properties of DLC films in sensor applications. , 0, , .		0
62	Selected Peer-Reviewed Articles from the 6th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT). Journal of Nanoscience and Nanotechnology, 2012, 12, 9007-9009.	0.9	0
63	Discussion of the importance of the refraction effects for RHEED. Applied Surface Science, 2017, 421, 247-251.	3.1	0
64	The Surface Structure of Carbon Films Deposited by Different Plasmachemical Methods. , 1997, , 219-228.		0
65	Open-Circuit Mobility Measurements in DLC Thin Films. , 1997, , 277-284.		0