

# 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	Fire Resistance of Geopolymer Foams Layered on Polystyrene Boards. <i>Polymers</i> , 2022, 14, 1945.	2.0	7
2	Biopolymers for hydrogels in cosmetics: review. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 50.	1.7	147
3	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
4	Discussion of the importance of the refraction effects for RHEED. <i>Applied Surface Science</i> , 2017, 421, 247-251.	3.1	0
5	Haemocompatibility Of Non-Functionalized And Plasmachemical Functionalized Detonation Nanodiamond Particles. <i>Archives of Metallurgy and Materials</i> , 2015, 60, 2183-2189.	0.6	7
6	Nanostructured Diamond Device for Biomedical Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1006-1013.	0.9	5
7	Angiosarcoma of the scalp: a case report. <i>Journal of Contemporary Brachytherapy</i> , 2014, 2, 208-212.	0.4	5
8	Selected Peer-Reviewed Articles from the 6th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT). <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 9007-9009.	0.9	0
9	Visualisation of Morphological Interaction of Diamond and Silver Nanoparticles with <i>Salmonella</i> and <i>Listeria Monocytogenes</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7635-7641.	0.9	23
10	Visualization of interaction between inorganic nanoparticles and bacteria or fungi. <i>International Journal of Nanomedicine</i> , 2010, 5, 1085.	3.3	226
11	Investigation of anti-corrosion properties of Ti:C gradient layers manufactured in hybrid deposition system. <i>Journal of Materials Science</i> , 2008, 43, 3385-3391.	1.7	22
12	Extraterrestrial, terrestrial and laboratory diamonds – Differences and similarities. <i>Diamond and Related Materials</i> , 2008, 17, 1179-1185.	1.8	9
13	Nanocrystalline carbon coatings and powders for medicine. <i>International Journal of Nanomanufacturing</i> , 2008, 2, 29.	0.3	1
14	Raman spectroscopy studies of meteoritic diamonds. <i>Diamond and Related Materials</i> , 2007, 16, 781-783.	1.8	10
15	Influence of diamond powder particles on human gene expression. <i>Surface and Coatings Technology</i> , 2007, 201, 6131-6135.	2.2	48
16	Interactions between carbon coatings and tissue. <i>Surface and Coatings Technology</i> , 2006, 201, 2117-2123.	2.2	29
17	TiN/NCD composite coating produced on the Ti6Al4V alloy for medical applications. <i>Surface and Coatings Technology</i> , 2005, 200, 87-89.	2.2	20
18	Biocompatibility of NCD. <i>Journal of Wide Bandgap Materials</i> , 2002, 9, 261-272.	0.1	50

#	ARTICLE	IF	CITATIONS
19	NOVEL SYNTHESIS OF NANOCRYSTALLINE DIAMOND FILMS. , 2002, , 107-145.		1
20	Colour carbon coatings. Diamond and Related Materials, 2001, 10, 1121-1124.	1.8	12
21	Carbon Coatings onto Shape Memory Alloys. Journal of Wide Bandgap Materials, 2001, 8, 189-194.	0.1	2
22	Gated field emitter arrays. Microelectronic Engineering, 2001, 57-58, 813-818.	1.1	2
23	Field emission cathode array with self-aligned gate electrode fabricated by silicon micromachining. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 3544.	1.6	6
24	Field emission arrays by silicon micromachining. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 896.	1.6	9
25	RF plasma selective etching of boron nitride films. Diamond and Related Materials, 2000, 9, 609-613.	1.8	8
26	Nanocrystalline Diamond Coatings. Chaos, Solitons and Fractals, 1999, 10, 2165-2176.	2.5	56
27	<title>Nanocrystalline diamond for medicine</title>. , 1997, , .		4
28	<title>Nanotribological investigations of NCD coatings covering metal slitting saws</title>. , 1997, , .		0
29	Comparison of the surface structure of carbon films deposited by different methods. Diamond and Related Materials, 1997, 6, 721-724.	1.8	15
30	Allotropic Forms of Carbon Nitride. , 1997, , 151-159.		1
31	Verification of Nanocrystalline Diamond Filmsâ€™ Quality. , 1997, , 211-217.		2
32	The Surface Structure of Carbon Films Deposited by Different Plasmachemical Methods. , 1997, , 219-228.		0
33	Open-Circuit Mobility Measurements in DLC Thin Films. , 1997, , 277-284.		0
34	Fabrication and properties of Mo contacts to amorphous cubic boron nitride (a-cBN) layers. Diamond and Related Materials, 1996, 5, 1017-1020.	1.8	5
35	Nanocrystalline C=N thin films. Diamond and Related Materials, 1996, 5, 564-569.	1.8	16
36	State of the silicon-DLC layer interface produced by plasma methods. Diamond and Related Materials, 1996, 5, 1204-1209.	1.8	3

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37	The properties of carbon layers deposited onto titanium substrates. <i>Diamond and Related Materials</i> , 1996, 5, 998-1001.	1.8	23
38	In situ doping of DLC films. <i>Diamond and Related Materials</i> , 1996, 5, 124-127.	1.8	2
39	Influence of carbon coatings origin on the properties important for biomedical application. <i>Diamond and Related Materials</i> , 1996, 5, 1185-1188.	1.8	26
40	Manufacture of amorphous carbon layers by r.f. dense plasma CVD. <i>Diamond and Related Materials</i> , 1995, 4, 302-303.	1.8	36
41	In situ doping of a-cBN layers. <i>Diamond and Related Materials</i> , 1995, 4, 1131-1136.	1.8	14
42	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
43	Doping of Diamond-Like Carbon Films. , 1995, , 235-242.		2
44	Amorphous carbon "Biomaterial for implant coatings. <i>Diamond and Related Materials</i> , 1994, 3, 899-901.	1.8	31
45	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
46	Open-circuit mode drift mobility measurements in DLC films. <i>Diamond and Related Materials</i> , 1994, 3, 858-860.	1.8	21
47	Diamond-like carbon coatings for biomedical applications. <i>Diamond and Related Materials</i> , 1994, 3, 896-898.	1.8	59
48	Einfluß von Passivierungs- und Kohlenstoffschichten auf austenitischen CrNiMo-Stählen auf die Beständigkeit gegen Lochfraß und Spannungsrisskorrosion. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 1993, 44, 379-383.	0.8	11
49	Structure origins of diffraction pattern features of diamond-like films. <i>Diamond and Related Materials</i> , 1993, 2, 573-574.	1.8	2
50	Electrical properties of diamond-like C-Si heterojunctions manufactured under ultraclean conditions. <i>Diamond and Related Materials</i> , 1993, 2, 788-792.	1.8	6
51	Graphite microregions effect upon the Si-diamond layer junction properties. <i>Diamond and Related Materials</i> , 1992, 1, 588-593.	1.8	11
52	Radio-frequency hot-filament CVD of diamond. <i>Diamond and Related Materials</i> , 1992, 1, 239-242.	1.8	6
53	Heterojunction silicon-carbon films with SiC interlayer. <i>Diamond and Related Materials</i> , 1992, 1, 677-680.	1.8	9
54	The system for depositing hard diamond-like films onto complex-shaped machine elements in an r.f. arc plasma. <i>Surface and Coatings Technology</i> , 1991, 47, 106-112.	2.2	32

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55	Antireflection, Hard Carbon Coatings for IR Optics. Materials Science Monographs, 1991, , 795-798.	0.0	2
56	Etching and deposition phenomena in an R.F. CH <sub>4</sub> plasma. Thin Solid Films, 1987, 147, 83-92.	0.8	14
57	Nucleation of diamond powder particles in an RF methane plasma. Journal of Crystal Growth, 1987, 80, 417-424.	0.7	64
58	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
59	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
60	Nucleation of allotropic carbon in an external electric field. Thin Solid Films, 1985, 128, 353-360.	0.8	41
61	DLC passivation layers for high voltage silicon devices. , 0, , .		0
62	Inertness of diamond - truth or false. , 0, , .		1
63	Dielectric properties of DLC films in sensor applications. , 0, , .		0
64	An influence of microorganisms on surfaces covered with diamond-like coatings. , 0, , .		1
65	Bioactivity of diamond. , 0, , .		3