Lenka Zajickova

List of Publications by Year
in descending order

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150	3,074	159358	253896
papers	citations	30 h-index	43 g-index

155	155	155	3222
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and Surface Compatibility Study of Modified Electrospun Poly(Îµ-caprolactone) (PCL) Composites for Skin Tissue Engineering. AAPS PharmSciTech, 2017, 18, 72-81.	1.5	152
2	Title is missing!. Plasmas and Polymers, 2001, 6, 237-266.	1.5	121
3	Deposition of thin organosilicon polymer films in atmospheric pressure glow discharge. Journal Physics D: Applied Physics, 2004, 37, 2112-2120.	1.3	110
4	Plasma modification of polycarbonates. Surface and Coatings Technology, 2001, 142-144, 449-454.	2.2	81
5	Optimization of Cyclopropylamine Plasma Polymerization toward Enhanced Layer Stability in Contact with Water. Plasma Processes and Polymers, 2014, 11, 532-544.	1.6	56
6	Investigation of Pristine Graphite Oxide as Room-Temperature Chemiresistive Ammonia Gas Sensing Material. Sensors, 2017, 17, 320.	2.1	54
7	Antibacterial biocompatible PCL nanofibers modified by COOH-anhydride plasma polymers and gentamicin immobilization. Materials and Design, 2018, 153, 60-70.	3.3	54
8	Deposition of protective coatings in rf organosilicon discharges. Plasma Sources Science and Technology, 2007, 16, S123-S132.	1.3	47
9	Plasma-Coated Polycaprolactone Nanofibers with Covalently Bonded Platelet-Rich Plasma Enhance Adhesion and Growth of Human Fibroblasts. Nanomaterials, 2019, 9, 637.	1.9	47
10	Temperature dependence of mechanical properties of DLC/Si protective coatings prepared by PECVD. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 324, 251-254.	2.6	46
11	Models of dielectric response in disordered solids. Optics Express, 2007, 15, 16230.	1.7	46
12	Carboxyl-anhydride and amine plasma coating of PCL nanofibers to improve their bioactivity. Materials and Design, 2017, 132, 257-265.	3.3	45
13	Deposition of hard thin films from HMDSO in atmospheric pressure dielectric barrier discharge. Journal Physics D: Applied Physics, 2010, 43, 225403.	1.3	43
14	High-Performance Ammonia Gas Sensors Based on Plasma Treated Carbon Nanostructures. IEEE Sensors Journal, 2017, 17, 1964-1970.	2.4	43
15	HF plasma pencil â€" new source for plasma surface processing. Surface and Coatings Technology, 1999, 116-119, 547-551.	2.2	41
16	Sensing Properties of Multiwalled Carbon Nanotubes Grown in MW Plasma Torch: Electronic and Electrochemical Behavior, Gas Sensing, Field Emission, IR Absorption. Sensors, 2015, 15, 2644-2661.	2.1	41
17	Deposition of Functional Plasma Polymers Influenced by Reactor Geometry in Capacitively Coupled Discharges. Plasma Processes and Polymers, 2016, 13, 279-286.	1.6	40
18	Electric field measurements in a kHz-driven He jetâ€"the influence of the gas flow speed. Plasma Sources Science and Technology, 2016, 25, 065026.	1.3	40

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19	Development of effective QCM biosensors by cyclopropylamine plasma polymerization and antibody immobilization using cross-linking reactions. Surface and Coatings Technology, 2016, 290, 116-123.	2.2	40
20	Effect of Additive Oxygen on the Reactive Species Profile and Microbicidal Property of a Helium Atmospheric Pressure Plasma Jet. Plasma Processes and Polymers, 2016, 13, 1089-1105.	1.6	39
21	Carboxyl-rich coatings deposited by atmospheric plasma co-polymerization of maleic anhydride and acetylene. Surface and Coatings Technology, 2016, 295, 37-45.	2.2	37
22	Deposition of stable amine coating onto polycaprolactone nanofibers by low pressure cyclopropylamine plasma polymerization. Thin Solid Films, 2015, 581, 7-13.	0.8	36
23	Rf sputtering of composite SiOx/plasma polymer films and their basic properties. Surface and Coatings Technology, 2002, 151-152, 214-217.	2.2	35
24	Atmospheric pressure microwave torch for synthesis of carbon nanotubes. Plasma Physics and Controlled Fusion, 2005, 47, B655-B666.	0.9	35
25	Immobilization of Platelet-Rich Plasma onto COOH Plasma-Coated PCL Nanofibers Boost Viability and Proliferation of Human Mesenchymal Stem Cells. Polymers, 2017, 9, 736.	2.0	35
26	Well-Blended PCL/PEO Electrospun Nanofibers with Functional Properties Enhanced by Plasma Processing. Polymers, 2020, 12, 1403.	2.0	34
27	Plasma Enhanced CVD of Organosilicon Thin Films on Electrospun Polymer Nanofibers. Plasma Processes and Polymers, 2015, 12, 1231-1243.	1.6	33
28	XPS depth profiling of derivatized amine and anhydride plasma polymers: Evidence of limitations of the derivatization approach. Applied Surface Science, 2017, 394, 578-585.	3.1	33
29	Accurate prediction of band gaps and optical properties of HfO₂. Journal Physics D: Applied Physics, 2016, 49, 395301.	1.3	31
30	The adhesion of normal human dermal fibroblasts to the cyclopropylamine plasma polymers studied by holographic microscopy. Surface and Coatings Technology, 2016, 295, 70-77.	2.2	31
31	Correlation between SiOx content and properties of DLC:SiOx films prepared by PECVD. Surface and Coatings Technology, 2003, 174-175, 281-285.	2.2	30
32	Application of Thomasâ€“Reicheâ€“Kuhn sum rule to construction of advanced dispersion models. Thin Solid Films, 2013, 534, 432-441.	0.8	30
33	Cyclopropylamine plasma polymer surfaces for label-free SPR and QCM immunosensing of Salmonella. Sensors and Actuators B: Chemical, 2018, 276, 447-455.	4.0	30
34	Characterization of silicon oxide thin films deposited by plasma enhanced chemical vapour deposition from octamethylcyclotetrasiloxane/oxygen feeds. Thin Solid Films, 1999, 338, 49-59.	0.8	29
35	The robust bio-immobilization based on pulsed plasma polymerization of cyclopropylamine and glutaraldehyde coupling chemistry. Applied Surface Science, 2016, 360, 28-36.	3.1	28
36	Optical characterization of diamond-like carbon films using multi-sample modification of variable angle spectroscopic ellipsometry. Diamond and Related Materials, 2002, 11, 105-117.	1.8	27

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37	Carbon nanotubes synthesis in microwave plasma torch at atmospheric pressure. Materials Science and Engineering C, 2006, 26, 1189-1193.	3.8	27
38	Cyclopropylamine plasma polymers deposited onto quartz crystal microbalance for biosensing application. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2801-2808.	0.8	27
39	Protection coatings for polycarbonates based on PECVD from organosilicon feeds. Vacuum, 1998, 50, 19-21.	1.6	26
40	Cyclopropylamine plasma polymers for increased cell adhesion and growth. Plasma Processes and Polymers, 2017, 14, 1600123.	1.6	26
41	Study of plasma polymerization from acetylene in pulsed r.f. discharges. Thin Solid Films, 2003, 425, 72-84.	0.8	25
42	Comparison of structure and mechanical properties of SiO2-like films deposited in O2/HMDSO pulsed and continuous plasmas. Surface and Coatings Technology, 2006, 200, 6517-6521.	2.2	25
43	Synthesis of carbon nanotubes and iron oxide nanoparticles in MW plasma torch with Fe(CO)5 in gas feed. Applied Surface Science, 2009, 255, 5421-5424.	3.1	25
44	Plasmachemical synthesis of maghemite nanoparticles in atmospheric pressure microwave torch. Materials Letters, 2011, 65, 982-984.	1.3	25
45	PECVD of nanostructured SiO‹sub›2‹/sub›in a modulated microwave plasma jet at atmospheric pressure. Journal Physics D: Applied Physics, 2013, 46, 335202.	1.3	25
46	Liquid assisted plasma enhanced chemical vapour deposition with a non-thermal plasma jet at atmospheric pressure. Thin Solid Films, 2017, 630, 71-78.	0.8	25
47	On the plasma deposition of vancomycinâ€containing nanoâ€capsules for drugâ€delivery applications. Plasma Processes and Polymers, 2018, 15, 1700232.	1.6	25
48	Cell type specific adhesion to surfaces functionalised by amine plasma polymers. Scientific Reports, 2020, 10, 9357.	1.6	25
49	Organosilicon thin films deposited by plasma enhanced CVD: Thermal changes of chemical structure and mechanical properties. Journal of Physics and Chemistry of Solids, 2007, 68, 1255-1259.	1.9	24
50	Application of sum rule to the dispersion model of hydrogenated amorphous silicon. Thin Solid Films, 2013, 539, 233-244.	0.8	24
51	Atomic layer deposition of titanium dioxide on multi-walled carbon nanotubes for ammonia gas sensing. Surface and Coatings Technology, 2019, 370, 235-243.	2.2	24
52	Cell proliferation on modified DLC thin films prepared by plasma enhanced chemical vapor deposition. Biointerphases, 2015, 10, 029520.	0.6	23
53	Tetrakis(trimethylsilyloxy)silane for nanostructured SiO2-like films deposited by PECVD at atmospheric pressure. Surface and Coatings Technology, 2016, 295, 112-118.	2.2	23
54	Bioactive TiCaPCON-coated PCL nanofibers as a promising material for bone tissue engineering. Applied Surface Science, 2019, 479, 796-802.	3.1	23

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55	Unravelling local environments in mixed TiO2â€“SiO2 thin films by XPS and ab initio calculations. Applied Surface Science, 2020, 510, 145056.	3.1	23
56	The influence of substrate emissivity on plasma enhanced CVD of diamond-like carbon films. European Physical Journal D, 1999, 49, 1213-1228.	0.4	22
57	Thermal stability of the optical properties of plasma deposited diamond-like carbon thin films. Diamond and Related Materials, 2005, 14, 1795-1798.	1.8	22
58	Mechanical and optical properties of plasma-polymerized vinyltriethoxysilane. Surface and Coatings Technology, 2005, 200, 468-471.	2.2	21
59	MEMS Carbon Nanotubes Field Emission Pressure Sensor With Simplified Design: Performance and Field Emission Properties Study. IEEE Sensors Journal, 2015, 15, 1430-1436.	2.4	21
60	On the interplay of gas dynamics and the electromagnetic field in an atmospheric Ar/H₂microwave plasma torch. Plasma Sources Science and Technology, 2015, 24, 025030.	1.3	20
61	Investigation of Ammonia Gas Sensing Properties of Graphite Oxide. Procedia Engineering, 2016, 168, 231-234.	1.2	20
62	Diagnostics and Application of the High Frequency Plasma Pencil. Plasma Chemistry and Plasma Processing, 2001, 21, 565-579.	1.1	19
63	Assessment of non-uniform thin films using spectroscopic ellipsometry and imaging spectroscopic reflectometry. Thin Solid Films, 2014, 571, 573-578.	0.8	19
64	Study of Microwave Torch Plasmachemical Synthesis of Iron Oxide Nanoparticles Focused on the Analysis of Phase Composition. Plasma Chemistry and Plasma Processing, 2014, 34, 327-341.	1.1	19
65	Stable, nanometerâ€thick oxygenâ€containing plasma polymer films suited for enhanced biosensing. Plasma Processes and Polymers, 2018, 15, 1800090.	1.6	19
66	XPS and ellipsometric study of DLC/silicon interface. Vacuum, 2001, 61, 269-273.	1.6	18
67	Homogeneity and penetration depth of atmospheric pressure plasma polymerization onto electrospun nanofibrous mats. Applied Surface Science, 2019, 471, 835-841.	3.1	18
68	Exploring the Emission Pathways in Nitrogen-Doped Graphene Quantum Dots for Bioimaging. Journal of Physical Chemistry C, 2021, 125, 21044-21054.	1.5	18
69	Synthesis of carbon nanotubes by plasma-enhanced chemical vapor deposition in an atmospheric-pressure microwave torch. Pure and Applied Chemistry, 2010, 82, 1259-1272.	0.9	17
70	Mapping of properties of thin plasma jet films using imaging spectroscopic reflectometry. Measurement Science and Technology, 2014, 25, 115201.	1.4	17
71	Maleic anhydride and acetylene plasma copolymer surfaces for SPR immunosensing. Analytical and Bioanalytical Chemistry, 2019, 411, 7689-7697.	1.9	17
72	Improvement of the efficiency of the silicon solar cells by silicon incorporated diamond-like carbon antireflective coatings. Journal of Non-Crystalline Solids, 2002, 299-302, 1147-1151.	1.5	16

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73	Characterization of Carbon Nanotubes Deposited in Microwave Torch at Atmospheric Pressure. Plasma Processes and Polymers, 2007, 4, S245-S249.	1.6	16
74	Dielectric response and structure of amorphous hydrogenated carbon films with nitrogen admixture. Thin Solid Films, 2011, 519, 4299-4308.	0.8	16
75	Enhanced Ammonia Adsorption on Directly Deposited Nanofibrous Carbon Films. Journal of Sensors, 2018, 2018, 1-14.	0.6	16
76	Determination of tip transfer function for quantitative MFM using frequency domain filtering and least squares method. Scientific Reports, 2019, 9, 3880.	1.6	16
77	Optical characterization of ultrananocrystalline diamond films. Diamond and Related Materials, 2008, 17, 1278-1282.	1.8	15
78	Effects of additives on atmospheric pressure gliding arc applied to the modification of polypropylene. Surface and Coatings Technology, 2019, 372, 45-55.	2.2	15
79	Phaseâ€Engineering of 1T/2H Molybdenum Disulfide by Using Ionic Liquid for Enhanced Electrocatalytic Hydrogen Evolution. ChemElectroChem, 2020, 7, 3347-3352.	1.7	15
80	Deposition penetration depth and sticking probability in plasma polymerization of cyclopropylamine. Applied Surface Science, 2021, 540, 147979.	3.1	15
81	Plasma-enhanced chemical vapour deposition of thin films from tetraethoxysilane and methanol: optical properties and XPS analyses. Thin Solid Films, 1996, 280, 26-36.	0.8	14
82	Mechanical and microwave absorbing properties of carbon-filled polyurethane. Micron, 2009, 40, 70-73.	1.1	14
83	Carbon composite micro- and nano-tubes-based electrodes for detection of nucleic acids. Nanoscale Research Letters, 2011, 6, 385.	3.1	14
84	Utilization of the sum rule for construction of advanced dispersion model of crystalline silicon containing interstitial oxygen. Thin Solid Films, 2014, 571, 490-495.	0.8	14
85	Broadening of dielectric response and sum rule conservation. Thin Solid Films, 2014, 571, 496-501.	0.8	14
86	Comparative Study of Films Deposited from HMDSO/O2 in Continuous Wave and Pulsed rf Discharges. Plasma Processes and Polymers, 2007, 4, S287-S293.	1.6	13
87	Discussion of important factors in deposition of carbon nanotubes by atmospheric pressure microwave plasma torch. Journal of Physics and Chemistry of Solids, 2007, 68, 738-743.	1.9	13
88	Modeling of optical constants of diamond-like carbon. Diamond and Related Materials, 2008, 17, 705-708.	1.8	13
89	Advanced modeling for optical characterization of amorphous hydrogenated silicon films. Thin Solid Films, 2013, 541, 12-16.	0.8	13
90	Plasma-enhanced CVD of functional coatings in Ar/maleic anhydride/C₂H₂homogeneous dielectric barrier discharges at atmospheric pressure. Plasma Physics and Controlled Fusion, 2017, 59, 034003.	0.9	13

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91	Analysis of epoxy functionalized layers synthesized by plasma polymerization of allyl glycidyl ether. Physical Chemistry Chemical Physics, 2018, 20, 20070-20077.	1.3	13
92	Carbon Nanotubes Functionalized in Oxygen and Water Low Pressure Discharges used as Reinforcement of Polyurethane Composites. Plasma Processes and Polymers, 2009, 6, S864.	1.6	12
93	Band structure of diamond-like carbon films assessed from optical measurements in wide spectral range. Diamond and Related Materials, 2010, 19, 114-122.	1.8	12
94	Modelling of the gas flow and plasma co-polymerization of two monomers in an atmospheric-pressure dielectric barrier discharge. Surface and Coatings Technology, 2017, 314, 139-147.	2.2	12
95	Dispersion model of two-phonon absorption: application to c-Si. Optical Materials Express, 2014, 4, 1641.	1.6	11
96	Protective double-layer coatings prepared by plasma enhanced chemical vapor deposition on tool steel. Surface and Coatings Technology, 2015, 272, 229-238.	2.2	11
97	Coherent and incoherent Thomson scattering on an argon/hydrogen microwave plasma torch with transient behaviour. Plasma Sources Science and Technology, 2016, 25, 055018.	1.3	11
98	The transport and surface reactivity of O atoms during the atmospheric plasma etching of hydrogenated amorphous carbon films. Plasma Sources Science and Technology, 2019, 28, 035010.	1.3	11
99	Biodegradable Nanohybrid Materials as Candidates for Self-Sanitizing Filters Aimed at Protection from SARS-CoV-2 in Public Areas. Molecules, 2022, 27, 1333.	1.7	11
100	Electrospun Biodegradable Nanofibers Coated Homogenously by Cu Magnetron Sputtering Exhibit Fast Ion Release. Computational and Experimental Study. Membranes, 2021, 11, 965.	1.4	11
101	Synthesis of Carbon Nanostructures by Plasma Enhanced Chemical Vapour Deposition at Atmospheric Pressure. Journal of Electrical Engineering, 2010, 61, 311-313.	0.4	10
102	Simultaneous determination of dispersion model parameters and local thickness of thin films by imaging spectrophotometry. Applied Surface Science, 2015, 350, 149-155.	3.1	10
103	Effect of Low Molecular Weight Oxidized Materials and Nitrogen Groups on Adhesive Joints of Polypropylene Treated by a Cold Atmospheric Plasma Jet. Polymers, 2021, 13, 4396.	2.0	10
104	Nanopatterned Working Electrode with Carbon Nanotubes Improving Electrochemical Sensors. , 2006, , .		9
105	Limitations and possible improvements of DLC dielectric response model based on parameterization of density of states. Diamond and Related Materials, 2009, 18, 413-418.	1.8	9
106	Atmospheric pressure barrier discharge at high temperature: Diagnostics and carbon nanotubes deposition. Journal of Applied Physics, 2015, 117, .	1.1	9
107	Optical properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ti</mml:mi><mml:mi>x</mml:mi></mml:ms mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> solid solutions. Physical Review B, 2017, 95, .	1.1	9
108	Molecular dynamics simulation of amine groups formation during plasma processing of polystyrene surfaces. Plasma Sources Science and Technology, 2020, 29, 105020.	1.3	9

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109	Structure elucidation of multicolor emissive graphene quantum dots towards cell guidance. Materials Chemistry Frontiers, 2022, 6, 145-154.	3.2	9
110	Coupling BODIPY with nitrogen-doped graphene quantum dots to address the water solubility of photosensitizers. Materials Chemistry Frontiers, 2022, 6, 1719-1726.	3.2	9
111	Combination of synchrotron ellipsometry and table-top optical measurements for determination of band structure of DLC films. Thin Solid Films, 2011, 519, 2694-2697.	0.8	7
112	High-Speed Visualization of Filament Instabilities and Self-Organization Effect in RF Argon Plasma Jet at Atmospheric Pressure. IEEE Transactions on Plasma Science, 2014, 42, 2454-2455.	0.6	7
113	On the Tensile Tests of Polyurethane and Its Composites with Carbon Nanotubes. Advances in Materials Science and Engineering, 2019, 2019, 1-8.	1.0	7
114	Depth profiling of thin plasma-polymerized amine films using GDOES in an Ar-O2 plasma. Applied Surface Science, 2022, 581, 152292.	3.1	7
115	Plasma-liquid technologies for treatment of archaelogical artifacts. European Physical Journal D, 1999, 49, 321-328.	0.4	6
116	Low pressure plasmachemical processing of multi-walled carbon nanotubes for the production of polyurethane composite films with improved mechanical properties. Thin Solid Films, 2013, 538, 7-15.	0.8	6
117	Comparison of different modifications of screen-printed working electrodes of electrochemical sensors using carbon nanotubes and plasma treatment. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2756-2764.	0.8	6
118	Evidence of flexoelectricity in graphene nanobubbles created by tip induced electric field. Carbon, 2021, 179, 677-682.	5.4	6
119	Modeling characterisation of a bipolar pulsed discharge. Plasma Sources Science and Technology, 2020, 29, 104001.	1.3	6
120	Optical characterization of diamond-like carbon films. Vacuum, 2001, 61, 279-283.	1.6	5
121	Microwave PECVD of nanocrystalline diamond with rf induced bias nucleation. European Physical Journal D, 2006, 56, B1218-B1223.	0.4	5
122	Carboxyl-rich plasma polymer surfaces in surface plasmon resonance immunosensing. Japanese Journal of Applied Physics, 2018, 57, 01AG06.	0.8	5
123	Behaviour of Vascular Smooth Muscle Cells on Amine Plasma-Coated Materials with Various Chemical Structures and Morphologies. International Journal of Molecular Sciences, 2020, 21, 9467.	1.8	5
124	Thomson scattering versus modeling of the microwave plasma torch: a long standing discrepancy almost solved. Journal of Analytical Atomic Spectrometry, 2020, 35, 2064-2074.	1.6	4
125	Amine modification of calcium phosphate by low-pressure plasma for bone regeneration. Scientific Reports, 2021, 11, 17870.	1.6	4
126	Structural changes of plasma deposited SiOxCyHz thin films attained by thermal annealing. European Physical Journal D, 2004, 54, C847-C852.	0.4	3

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127	Gas Pressure Sensor Based on PECVD Grown Carbon Nanotubes. Materials Research Society Symposia Proceedings, 2007, 1018, 1.	0.1	3
128	Deposition of nanocomposite CN x /SiO 2 films in inductively coupled r.f. discharge. Diamond and Related Materials, 2000, 9, 552-555.	1.8	2
129	Carbon nanotubes synthesized by plasma enhanced CVD: preparation for measurements of their electrical properties. European Physical Journal D, 2006, 56, B1244-B1249.	0.4	2
130	Optical and mechanical characterization of ultrananocrystalline diamond films prepared in dual frequency discharges. Surface and Coatings Technology, 2010, 204, 1997-2001.	2.2	2
131	Gas sensing properties of carbon nanomaterials. , 2016, , .		2
132	The Effect of Uncoated SPIONs on hiPSC-Differentiated Endothelial Cells. International Journal of Molecular Sciences, 2019, 20, 3536.	1.8	2
133	Manipulating MWCNT/TiO2 heterostructure morphology at nanoscale and its implications to NO2 sensing properties. Materials Chemistry and Physics, 2021, 271, 124901.	2.0	2
134	Probing the charge transfer and electronâ€“hole asymmetry in grapheneâ€“graphene quantum dot heterostructure. Nanotechnology, 2022, 33, 325704.	1.3	2
135	Carbon Nanostructures in MEMS Applications. , 2008, , .		1
136	Titanium Dioxide Modified Multi-Walled Carbon Nanotubes as Room Temperature NH<inf>3</inf> Gas Sensors. , 2018, , .		1
137	Optical Characterization of Ultra-Thin Iron and Iron Oxide Films. E-Journal of Surface Science and Nanotechnology, 2009, 7, 486-490.	0.1	1
138	Characterization of CNx/SiOy films prepared by the inductively coupled RF discharge. European Physical Journal D, 2000, 50, 453.	0.4	0
139	Spatially resolved measurements in r.f. capacitive discharges in argon and nitrogen. European Physical Journal D, 2004, 54, C592-C598.	0.4	0
140	Optical properties of diamond-like carbon films containing SiOx studied by the combined method of spectroscopic ellipsometry and spectroscopic reflectometry. Thin Solid Films, 2004, 455-456, 393-393.	0.8	0
141	Carbon nanotubes synthesized by plasma enhanced CVD: Preparation for measurements of their electrical properties for application in pressure sensor. , 2006, , .		0
142	Influence of Silicon, Oxygen and Nitrogen Admixtures Upon the Properties of Plasma Deposited Amorphous Diamond-Like Carbon Coatings. Journal of Advanced Oxidation Technologies, 2006, 9, .	0.5	0
143	Study of magnetic field influence on charged species in a low pressure helicon reactor. European Physical Journal D, 2006, 56, B1091-B1096.	0.4	0
144	Nanopatterned working electrode with carbon nanotubes improving electrochemical sensors. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems, 2007, 221, 115-119.	0.1	0

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145	Composition and Functional Properties of Organosilicon Plasma Polymers from Hexamethyldisiloxane and Octamethylcyclotetrasiloxane. Materials Research Society Symposia Proceedings, 2007, 1007, 1.	0.1	0
146	Mol̀ssbauer Effect Study of Iron Thin Films on Siâ•SiO[sub x] Substrate and Iron Phases at Deposited Carbon Nanotubes. , 2010, , .		0
147	Measurement of optical parameters of thin films non-uniform in thickness. , 2014, , .		0
148	Biocompatibility of Thin Films Studied by Q-Phase. , 2016, , .		0
149	Predicting Optical Properties from Ab Initio Calculations. Springer Series in Surface Sciences, 2018, , 83-104.	0.3	0
150	Pulsed Plasma Polymerization of Cyclopropylamine for Deposition of Stable Amine-Rich Films Aimed at the Bio-Immobilization Applications. , 2015, , .		0