Maciej Gazicki-Lipman

List of Publications by Year
in descending order

60 papers	1,485 citations	331642 21 h-index	330122 37 g-index
61 all docs	61 docs citations	61 times ranked	1677 citing authors

#	Article	IF	Citations
1	Mechanical Fatigue Resistance of Polydiketopyrroloâ€Pyrroleâ€Dithienylthieno[3,2â€b]thiopheneâ€Based Flexible Fieldâ€Effect Transistors. Advanced Materials Interfaces, 2022, 9, .	3.7	2
2	Thin SiNC/SiOC Coatings with a Gradient of Refractive Index Deposited from Organosilicon Precursor. Coatings, 2020, 10, 794.	2.6	11
3	The role of surface morphology in a performance of top-gate OFETs prepared from a solution processable derivative of perylene bisimide. Synthetic Metals, 2019, 250, 12-19.	3.9	10
4	Morphology, structure and photowettability of TiO2 coatings doped with copper and fluorine. Ceramics International, 2018, 44, 5076-5085.	4.8	9
5	Fluorine doped titanium dioxide films manufactured with the help of plasma enhanced chemical vapor deposition technique. Thin Solid Films, 2018, 650, 78-87.	1.8	5
6	Flat foils as UV and ionising radiation dosimeters. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 351, 179-196.	3.9	13
7	Photo activated performance of titanium oxide coatings deposited by reactive gas impulse magnetron sputtering. Surface and Coatings Technology, 2018, 349, 647-654.	4.8	10
8	The effect of thermal annealing on Fe/TiO 2 coatings deposited with the help of RF PECVD method. Part II. Optical and photocatalytic properties. Ceramics International, 2017, 43, 4005-4014.	4.8	6
9	The effect of thermal annealing on Fe/TiO 2 coatings deposited with the help of RF PECVD method. Part I. Chemical and phase composition. Ceramics International, 2017, 43, 3993-4004.	4.8	7
10	Thin Si_xN_yC_z films deposited from hexamethyldisilazane by RF PECVD technique for optical filter applications. Materials Science-Poland, 2017, 36, 56-68.	1.0	0
11	Parylene C as a versatile dielectric material for organic field-effect transistors. Beilstein Journal of Nanotechnology, 2017, 8, 1532-1545.	2.8	48
12	Ambipolar organic thin film transistors prepared with a one step solution technique. Synthetic Metals, 2016, 220, 194-201.	3.9	17
13	Waist-to-height ratio as a measure of abdominal obesity in southern Chinese and European children and adolescents. International Journal of Obesity, 2016, 40, 1109-1118.	3.4	22
14	Applications of parylene films in the manufacture of organic field-effect transistors. Surface and Coatings Technology, 2016, 290, 21-27.	4.8	9
15	Iron doped thin TiO2 films synthesized with the RF PECVD method. Ceramics International, 2015, 41, 7496-7500.	4.8	19
16	Plasma enhanced chemical vapor deposition of iron doped thin dioxide films, their structure and photowetting effect. Thin Solid Films, 2015, 589, 605-612.	1.8	4
17	Amorphous and crystalline TiO2 coatings synthesized with the RF PECVD technique from metalorganic precursor. Vacuum, 2015, 117, 104-111.	3.5	7
18	Morphology, photocleaning and water wetting properties of cotton fabrics, modified with titanium dioxide coatings synthesized with plasma enhanced chemical vapor deposition technique. Surface and Coatings Technology, 2013, 217, 51-57.	4.8	41

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19	Mechanical, photocatalytic and microbiological properties of titanium dioxide thin films synthesized with the solâ€“gel and low temperature plasma deposition techniques. Materials Research Bulletin, 2013, 48, 4022-4031.	5.2	25
20	Photocatalytic activity of thin TiO2 films deposited using solâ€“gel and plasma enhanced chemical vapor deposition methods. Ceramics International, 2013, 39, 2787-2794.	4.8	46
21	Transparent and air stable organic field effect transistors with ordered layers of dibenzo[d,d]thieno[3,2-b;4,5-bâ€²]dithiophene obtained from solution. Optical Materials, 2012, 34, 1660-1663.	3.6	9
22	Highâ€Mobility and Low Turnâ€On Voltage nâ€Channel OTFTs Based on a Solutionâ€Processable Derivative of Naphthalene Bisimide. Advanced Functional Materials, 2012, 22, 3840-3844.	14.9	38
23	Role of geometry, substrate and atmosphere on performance of OFETs based on TTF derivatives. Organic Electronics, 2012, 13, 121-128.	2.6	18
24	Ultra-high resolution optical coherence tomography for encapsulation quality inspection. Applied Physics B: Lasers and Optics, 2011, 105, 649-657.	2.2	22
25	Highâ€Performance Single Crystal Organic Fieldâ€Effect Transistors Based on Two Dithiopheneâ€Tetrathiafulvalene (DTâ€TTF) Polymorphs. Advanced Materials, 2010, 22, 4198-4203.	21.0	100
26	Characterization of thin TiO2 films prepared by plasma enhanced chemical vapour deposition for optical and photocatalytic applications. Thin Solid Films, 2009, 517, 5409-5414.	1.8	63
27	Solid State NMR Study and Density Functional Theory (DFT) Calculations of Structure and Dynamics of Poly(p-xylylenes). Journal of Physical Chemistry B, 2009, 113, 5464-5472.	2.6	15
28	A stack multilayer high reflectance optical filter produced on polyester substrate with the PECVD technique. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2009, 57, .	0.8	5
29	Vapor Deposition Polymerization of para-Xylylene Derivatives-Mechanism and Applications. Shinku/Journal of the Vacuum Society of Japan, 2007, 50, 601-608.	0.2	31
30	Biodegradable blends of poly(L-lactide) and starch. Journal of Applied Polymer Science, 2007, 105, 269-277.	2.6	38
31	Photo-induced properties of thin TiO2 films deposited using the radio frequency plasma enhanced chemical vapor deposition method. Thin Solid Films, 2007, 515, 5275-5281.	1.8	24
32	Plasma enhanced CVD deposition of titanium oxide for biomedical applications. Surface and Coatings Technology, 2005, 200, 1036-1040.	4.8	63
33	New biodegradable material based on RF plasma modified starch. Surface and Coatings Technology, 2005, 200, 539-543.	4.8	21
34	RF plasma deposition of thin SixGeyCz:H films using a combination of organometallic source materials. Thin Solid Films, 2004, 469-470, 173-177.	1.8	4
35	Electrophysical properties of thin germanium/carbon layers produced on silicon using organometallic radio frequency plasma enhanced chemical vapor deposition process. Thin Solid Films, 2003, 441, 192-199.	1.8	44
36	Deposition and properties of a-GexCy:H-based superlattice structures. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 15, 65-74.	2.7	4

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37	Thermal stability of semiconducting thin germanium/carbon alloy films produced from tetraethylgermanium in an RF glow discharge. Thin Solid Films, 1999, 352, 6-8.	1.8	7
38	Plasma Deposition of Thin Carbonâ§Germanium Alloy Films from Organogermanium Compounds. Chaos, Solitons and Fractals, 1999, 10, 1983-2017.	5.1	14
39	Deposition and properties of germanium/carbon films deposited from tetramethylgermanium in a parallel plate RF discharge. Thin Solid Films, 1998, 322, 123-131.	1.8	14
40	Formation of hydrophobic layers on biologically degradable polymeric foils by plasma polymerization. Surface and Coatings Technology, 1998, 98, 872-874.	4.8	36
41	Correlation between gas phase composition of rf plasma of argon diluted tetraethylgermanium and chemical structure of therewith deposited Ge/C films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 2835-2841.	2.1	16
42	Plasma deposition of hydrogenated Geî—C films in a three-electrode reactor â€" plasma diagnostics using indirect methods. Surface and Coatings Technology, 1995, 74-75, 183-187.	4.8	9
43	Chemical bonding in thin Ge/C films deposited from tetraethylgermanium in an r.f. glow dischargeâ€"an FTIR study. Thin Solid Films, 1995, 256, 31-38.	1.8	34
44	13C nuclear magnetic resonance signals of Ge/C films deposited from tetraethylgermanium in an r.f. glow discharge. Thin Solid Films, 1995, 258, 10-13.	1.8	7
45	Study on electromagnetron for plasma polymerization. II. Magnetic field enhanced radio frequency plasma deposition of organogermanium films from tetraethylgermanium. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 345-353.	2.1	7
46	Infrared absorption of thin films deposited from tetraethylgermanium in r.f. glow discharges. Thin Solid Films, 1993, 230, 81-85.	1.8	5
47	Precise measurement of flow rates of vaporized tetraethylgermanium carried by an inert gas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 51-58.	2.1	9
48	X-ray analysis of thin GexCyOz: H films. X-Ray Spectrometry, 1992, 21, 137-142.	1.4	7
49	Band structure model of Ge-C alloy films prepared from tetraethylgermanium in A R.F. discharge. Journal of Non-Crystalline Solids, 1991, 137-138, 875-878.	3.1	23
50	Deposition and properties of germanium-carbon alloy films produced from tetraethylgermanium in an r.f. discharge. Thin Solid Films, 1990, 187, 51-63.	1.8	28
51	Polymerization of para-xylylene derivatives (parylene polymerization). IV. Effects of the sublimation rate of di-p-xylylene on the morphology and crystallinity of parylene N deposited at different temperatures. Journal of Polymer Science Part A, 1987, 25, 1481-1503.	2.3	18
52	Polymerization of para-xylylene derivatives. V. Effects of the sublimation rate of di-p-xylylene on the crystallinity of parylene C deposited at different temperatures. Journal of Polymer Science Part A, 1987, 25, 2089-2106.	2.3	15
53	Polymerization of para-xylylene derivatives (parylene polymerization). III. Heat effects during deposition of parylene N at different temperatures. Journal of Polymer Science Part A, 1986, 24, 215-240.	2.3	25
54	The EPR spectra of poly(chloro-para-xylylene) in vacuum and in air. Journal of Polymer Science, Polymer Letters Edition, 1985, 23, 639-645.	0.4	11

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55	Polymerization of para-xylylene derivatives (parylene polymerization). II. Heat effects during deposition of parylene C at different temperatures. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 2255-2277.	0.8	22
56	Oligomeric Products in Plasma=Polymerized Organosilicones. Journal of Macromolecular Science Part A, Chemistry, 1983, 20, 583-618.	0.3	67
57	Biomedical applications of plasma polymerization and plasma treatment of polymer surfaces. Biomaterials, 1982, 3, 68-77.	11.4	217
58	Studies on soluble fraction of glow-discharge polysilazane formed from hexamethylcyclotrisilazane. Journal of Applied Polymer Science, 1977, 21, 2013-2019.	2.6	16
59	Mechanism of polysilazane thin film formation during glow discharge polymerization of hexamethylcyclotrisilazane. Polymer, 1976, 17, 673-677.	3.8	39
60	Structure of glow discharge polysilazane thin films. Polymer, 1976, 17, 678-684.	3.8	28