

# Maciej Gazicki-Lipman

## List of Publications by Year in descending order

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60  
papers

1,485  
citations

331670

21  
h-index

330143

37  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomedical applications of plasma polymerization and plasma treatment of polymer surfaces. <i>Biomaterials</i> , 1982, 3, 68-77.	11.4	217
2	High-Performance Single Crystal Organic Field-Effect Transistors Based on Two Dithiophene-tetrathiafulvalene (DT-TTF) Polymorphs. <i>Advanced Materials</i> , 2010, 22, 4198-4203.	21.0	100
3	Oligomeric Products in Plasma-Polymerized Organosilicones. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1983, 20, 583-618.	0.3	67
4	Plasma enhanced CVD deposition of titanium oxide for biomedical applications. <i>Surface and Coatings Technology</i> , 2005, 200, 1036-1040.	4.8	63
5	Characterization of thin TiO <sub>2</sub> films prepared by plasma enhanced chemical vapour deposition for optical and photocatalytic applications. <i>Thin Solid Films</i> , 2009, 517, 5409-5414.	1.8	63
6	Parylene C as a versatile dielectric material for organic field-effect transistors. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1532-1545.	2.8	48
7	Photocatalytic activity of thin TiO <sub>2</sub> films deposited using sol-gel and plasma enhanced chemical vapor deposition methods. <i>Ceramics International</i> , 2013, 39, 2787-2794.	4.8	46
8	Electrophysical properties of thin germanium/carbon layers produced on silicon using organometallic radio frequency plasma enhanced chemical vapor deposition process. <i>Thin Solid Films</i> , 2003, 441, 192-199.	1.8	44
9	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.	4.8	41
10	Mechanism of polysilazane thin film formation during glow discharge polymerization of hexamethylcyclotrisilazane. <i>Polymer</i> , 1976, 17, 673-677.	3.8	39
11	Biodegradable blends of poly(L-lactide) and starch. <i>Journal of Applied Polymer Science</i> , 2007, 105, 269-277.	2.6	38
12	High-Mobility and Low Turn-On Voltage n-Channel OTFTs Based on a Solution-Processable Derivative of Naphthalene Bisimide. <i>Advanced Functional Materials</i> , 2012, 22, 3840-3844.	14.9	38
13	Formation of hydrophobic layers on biologically degradable polymeric foils by plasma polymerization. <i>Surface and Coatings Technology</i> , 1998, 98, 872-874.	4.8	36
14	Chemical bonding in thin Ge/C films deposited from tetraethylgermanium in an r.f. glow discharge—an FTIR study. <i>Thin Solid Films</i> , 1995, 256, 31-38.	1.8	34
15	Vapor Deposition Polymerization of para-Xylylene Derivatives-Mechanism and Applications. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2007, 50, 601-608.	0.2	31
16	Structure of glow discharge polysilazane thin films. <i>Polymer</i> , 1976, 17, 678-684.	3.8	28
17	Deposition and properties of germanium-carbon alloy films produced from tetraethylgermanium in an r.f. discharge. <i>Thin Solid Films</i> , 1990, 187, 51-63.	1.8	28
18	Polymerization of para-xylylene derivatives (parylene polymerization). III. Heat effects during deposition of parylene N at different temperatures. <i>Journal of Polymer Science Part A</i> , 1986, 24, 215-240.	2.3	25

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19	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.	5.2	25
20	Photo-induced properties of thin TiO <sub>2</sub> films deposited using the radio frequency plasma enhanced chemical vapor deposition method. <i>Thin Solid Films</i> , 2007, 515, 5275-5281.	1.8	24
21	Band structure model of Ge-C alloy films prepared from tetraethylgermanium in A.R.F. discharge. <i>Journal of Non-Crystalline Solids</i> , 1991, 137-138, 875-878.	3.1	23
22	Polymerization of para-xylylene derivatives (parylene polymerization). II. Heat effects during deposition of parylene C at different temperatures. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1985, 23, 2255-2277.	0.8	22
23	Ultra-high resolution optical coherence tomography for encapsulation quality inspection. <i>Applied Physics B: Lasers and Optics</i> , 2011, 105, 649-657.	2.2	22
24	Waist-to-height ratio as a measure of abdominal obesity in southern Chinese and European children and adolescents. <i>International Journal of Obesity</i> , 2016, 40, 1109-1118.	3.4	22
25	New biodegradable material based on RF plasma modified starch. <i>Surface and Coatings Technology</i> , 2005, 200, 539-543.	4.8	21
26	Iron doped thin TiO <sub>2</sub> films synthesized with the RF PECVD method. <i>Ceramics International</i> , 2015, 41, 7496-7500.	4.8	19
27	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. <i>Journal of Polymer Science Part A</i> , 1987, 25, 1481-1503.	2.3	18
28	Role of geometry, substrate and atmosphere on performance of OFETs based on TTF derivatives. <i>Organic Electronics</i> , 2012, 13, 121-128.	2.6	18
29	Ambipolar organic thin film transistors prepared with a one step solution technique. <i>Synthetic Metals</i> , 2016, 220, 194-201.	3.9	17
30	Studies on soluble fraction of glow-discharge polysilazane formed from hexamethylcyclotrisilazane. <i>Journal of Applied Polymer Science</i> , 1977, 21, 2013-2019.	2.6	16
31	Correlation between gas phase composition of rf plasma of argon diluted tetraethylgermanium and chemical structure of therewith deposited Ge/C films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1996, 14, 2835-2841.	2.1	16
32	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. <i>Journal of Polymer Science Part A</i> , 1987, 25, 2089-2106.	2.3	15
33	Solid State NMR Study and Density Functional Theory (DFT) Calculations of Structure and Dynamics of Poly(p-xylylenes). <i>Journal of Physical Chemistry B</i> , 2009, 113, 5464-5472.	2.6	15
34	Deposition and properties of germanium/carbon films deposited from tetramethylgermanium in a parallel plate RF discharge. <i>Thin Solid Films</i> , 1998, 322, 123-131.	1.8	14
35	Plasma Deposition of Thin Carbon-Germanium Alloy Films from Organogermanium Compounds. <i>Chaos, Solitons and Fractals</i> , 1999, 10, 1983-2017.	5.1	14
36	Flat foils as UV and ionising radiation dosimeters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 351, 179-196.	3.9	13

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37	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
38	Thin SiNC/SiOC Coatings with a Gradient of Refractive Index Deposited from Organosilicon Precursor. Coatings, 2020, 10, 794.	2.6	11
39	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
40	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
41	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
42	Plasma deposition of hydrogenated Ge <sub>1-x</sub> C films in a three-electrode reactor – plasma diagnostics using indirect methods. Surface and Coatings Technology, 1995, 74-75, 183-187.	4.8	9
43	Transparent and air stable organic field effect transistors with ordered layers of dibenzo[d,d']thieno[3,2-b;4,5-b']dithiophene obtained from solution. Optical Materials, 2012, 34, 1660-1663.	3.6	9
44	Applications of parylene films in the manufacture of organic field-effect transistors. Surface and Coatings Technology, 2016, 290, 21-27.	4.8	9
45	Morphology, structure and photowettability of TiO <sub>2</sub> coatings doped with copper and fluorine. Ceramics International, 2018, 44, 5076-5085.	4.8	9
46	X-ray analysis of thin Ge <sub>x</sub> CyO <sub>z</sub> : H films. X-Ray Spectrometry, 1992, 21, 137-142.	1.4	7
47	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
48	<sup>13</sup> C 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
49	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
50	Amorphous and crystalline TiO <sub>2</sub> coatings synthesized with the RF PECVD technique from metalorganic precursor. Vacuum, 2015, 117, 104-111.	3.5	7
51	The effect of thermal annealing on Fe/TiO <sub>2</sub> coatings deposited with the help of RF PECVD method. Part I. Chemical and phase composition. Ceramics International, 2017, 43, 3993-4004.	4.8	7
52	The effect of thermal annealing on Fe/TiO <sub>2</sub> coatings deposited with the help of RF PECVD method. Part II. Optical and photocatalytic properties. Ceramics International, 2017, 43, 4005-4014.	4.8	6
53	Infrared absorption of thin films deposited from tetraethylgermanium in r.f. glow discharges. Thin Solid Films, 1993, 230, 81-85.	1.8	5
54	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

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55	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
56	Deposition and properties of a-GexCy:H-based superlattice structures. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 15, 65-74.	2.7	4
57	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
58	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
59	Mechanical Fatigue Resistance of Polydiketopyrroloâ€Pyrroleâ€Dithienylthieno[3,2â€b]thiopheneâ€Based Flexible Fieldâ€Effect Transistors. Advanced Materials Interfaces, 2022, 9, .	3.7	2
60	Thin Si<sub>x</sub>N<sub>y</sub>C<sub>z</sub> films deposited from hexamethyldisilazane by RF PECVD technique for optical filter applications. Materials Science-Poland, 2017, 36, 56-68.	1.0	0