

# Tomasz Martynski

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

737

citations

15

h-index

23

g-index

70

ext. papers

765

ext. citations

3.3

avg, IF

3.7

L-index

#	Paper	IF	Citations
63	Effect of Aminated Chitosan-Coated FeO Nanoparticles with Applicational Potential in Nanomedicine on DPPG, DSPC, and POPC Langmuir Monolayers as Cell Membrane Models. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
62	A detailed investigation on interactions between magnetite nanoparticles functionalized with aminated chitosan and a cell model membrane. <i>Materials Science and Engineering C</i> , <b>2020</b> , 109, 110616	8.3	10
61	Novel approach to passivation of InAs/GaSb type II superlattice photodetectors. <i>Applied Physics B: Lasers and Optics</i> , <b>2019</b> , 125, 1	1.9	2
60	The ultra-photostable and electrically modulated Stimulated Emission in perylene-based dye doped liquid crystal. <i>Scientific Reports</i> , <b>2019</b> , 9, 2143	4.9	11
59	Concentration dependent evolution of aggregates formed by chlorinated and non-chlorinated perylene tetracarboxylic acid esters in pure spin-coated films and in a PMMA matrix. <i>Journal of Luminescence</i> , <b>2019</b> , 206, 132-145	3.8	3
58	Influence of chlorine atoms in bay positions of perylene-tetracarboxylic acids on their spectral properties in Langmuir-Blodgett films. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 189, 374-380	4.4	7
57	Molecular organization and optical switching of liquid-crystalline azobenzenes in monomolecular films. <i>Optical Materials</i> , <b>2018</b> , 86, 475-483	3.3	2
56	Self-aggregates formation of tetrachloroperylene acid esters in Langmuir and Langmuir-Blodgett films. <i>Opto-electronics Review</i> , <b>2017</b> , 25, 296-302	2.4	3
55	Photo-switching of a non-ionic azobenzene amphiphile in Langmuir and Langmuir-Blodgett films. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 23386-23396	3.6	11
54	Bulk organisation and alignment in Langmuir and Langmuir-Blodgett films of tetrachloroperylene tetracarboxylic acid esters. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1125, 680-687	3.4	5
53	Thermodynamic properties of Langmuir layers created of monoimide perylenetetracarboxylic acid derivatives. <i>Phase Transitions</i> , <b>2016</b> , 89, 419-424	1.3	3
52	Miscibility of dl- $\alpha$ -tocopherol $\beta$ -glucoside in DPPC monolayer at air/water and air/solid interfaces. <i>Materials Science and Engineering C</i> , <b>2016</b> , 67, 362-368	8.3	8
51	New perylene dyes, derivatives of 1,6,7,12-tetrachloroperylene-3,4,9,10-tetracarboxylic acid: synthesis and application. <i>Coloration Technology</i> , <b>2016</b> , 132, 449-459	2	4
50	Molecular organization of perylene derivatives in Langmuir-Blodgett multilayers. <i>Optical Materials</i> , <b>2015</b> , 46, 555-560	3.3	9
49	Spectroscopic and AFM Study of Unsymmetrical Diester of Perylene-3,4,9,10-Tetracarboxylic Acid in Monolayers Formed by Means of Langmuir-Blodgett Technique. <i>Soft Materials</i> , <b>2014</b> , 12, 19-26	1.7	9
48	Absolute photoluminescence quantum yield of perylene dye ultra-thin films. <i>Organic Electronics</i> , <b>2014</b> , 15, 2395-2399	3.5	11
47	Miscibility of Perylene Derivatives with Fatty Acid in Two-Dimensional Binary Mixture. <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 757-763	0.6	3

46	Aggregation properties of tetrachloro-perylene-tetracarboxylic acid in binary Langmuir and Langmuir-Blodgett films. <i>Journal of Luminescence</i> , <b>2014</b> , 148, 44-54	3.8	15
45	Langmuir-Blodgett films as aligning layers for homeotropic alignment of liquid crystal molecules. <i>Liquid Crystals</i> , <b>2013</b> , 40, 831-840	2.3	4
44	Obituary Professor Danuta Bauman. <i>Liquid Crystals Today</i> , <b>2012</b> , 21, 32-33	1.9	
43	Electronic absorption and fluorescence of new tetrafluoro-pentenyl-perylene in isotropic solvents, liquid crystal layers, and LB films. <i>Journal of Molecular Structure</i> , <b>2009</b> , 929, 79-84	3.4	17
42	Surface potential measurements of Langmuir films of azo dye/liquid crystal mixtures. <i>Dyes and Pigments</i> , <b>2009</b> , 80, 106-114	4.6	11
41	Molecular organization and aggregation in Langmuir and Langmuir-Blodgett films of azo dye/liquid crystal mixtures. <i>Opto-electronics Review</i> , <b>2009</b> , 17,	2.4	8
40	Influence of the molecular structure of thermotropic liquid crystals on their ability to form monolayers at interface. <i>Liquid Crystals</i> , <b>2009</b> , 36, 197-208	2.3	17
39	Molecular aggregation in Langmuir-Blodgett films of azo dye/liquid crystal mixtures. <i>Dyes and Pigments</i> , <b>2008</b> , 77, 303-314	4.6	21
38	Stilbazolium merocyanine systems in Langmuir and Langmuir-Blodgett molecular layers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 321, 39-42	5.1	3
37	Aggregates formation by perylene-like dyes in Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>2008</b> , 516, 8834-8838	3.8	13
36	Intermolecular interactions in Langmuir-Blodgett films of liquid crystalline perylene derivatives. <i>Opto-electronics Review</i> , <b>2008</b> , 16,	2.4	14
35	Self-aggregates formation of 3,4,9,10-tetra-(n-alkoxy-carbonyl)-perylenes in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , <b>2007</b> , 126, 323-332	3.8	12
34	Spectral properties of some fluorescent dyes in two-dimensional films formed by means of Langmuir-Blodgett technique. <i>Dyes and Pigments</i> , <b>2007</b> , 74, 598-607	4.6	15
33	Intermolecular Interactions in Langmuir and Langmuir-Blodgett Films of Azo Dye/Liquid Crystal Mixtures. <i>Molecular Crystals and Liquid Crystals</i> , <b>2007</b> , 479, 49/[1087]-58/[1096]	0.5	2
32	Influence of the alkyl chain length of some mesogenic molecules on their Langmuir film formation ability. <i>Liquid Crystals</i> , <b>2006</b> , 33, 855-864	2.3	37
31	Molecular organization in binary mixtures of derivatives of naphthalenebicarboxylic acid and naphthoylenebenzimidazole with a liquid crystal in two-dimensional layers II. Langmuir-Blodgett films. <i>Liquid Crystals</i> , <b>2006</b> , 33, 307-319	2.3	12
30	Fluorescent discotic liquid crystals in Langmuir-Blodgett films for application in organic light emitting diodes <b>2005</b> ,		1
29	Langmuir-Blodgett films of some fluorescent dichroic dyes as studied by optical spectroscopy methods. <i>Journal of Molecular Structure</i> , <b>2005</b> , 744-747, 973-978	3.4	5

28	Alignment of molecules in Langmuir and Langmuir-Blodgett films of binary mixtures of 3,4,9,10-tetra-(n-alkoxy-carbonyl)-perylene with a liquid crystal. <i>Journal of Molecular Structure</i> , <b>2005</b> , 741, 201-211	3.4	21
27	Spectroscopic studies of Langmuir-Blodgett films of 3,4,9,10-tetra(heptyloxy-carbonyl)perylene and its mixtures with a liquid crystal. <i>Liquid Crystals</i> , <b>2004</b> , 31, 791-800	2.3	35
26	Molecular organization in binary mixtures of derivatives of naphthalenebicarboxylic acid and naphthoylenebenzimidazole with a liquid crystal in two-dimensional layers. <i>Liquid Crystals</i> , <b>2004</b> , 31, 1639-1648	2.3	13
25	Molecular Organization in Langmuir Films of a Dichroic Azo Dye-Liquid Crystal Mixture. I. Thermodynamic Data and BAM Observations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2003</b> , 58, 23-32	1.4	1
24	Molecular Organization in Langmuir Films of Dichroic Azo Dye-Liquid Crystal Mixtures. II. Surface Potential Measurements. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2003</b> , 58, 97-102	1.4	3
23	Optical spectroscopy study of some 3,4,9,10-tetra-(n-alkoxy-carbonyl)-perylene in Langmuir-Blodgett films. <i>Journal of Molecular Structure</i> , <b>2003</b> , 646, 25-33	3.4	27
22	Langmuir films of dichroic dyes with fluorescent properties. <i>Dyes and Pigments</i> , <b>2003</b> , 56, 209-217	4.6	9
21	Liquid crystalline binary mixtures at the air-water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2002</b> , 198-200, 179-185	5.1	1
20	Study of binary mixtures of liquid crystals with terminal CN and NCS group at the air-water interface. <i>Materials Science and Engineering C</i> , <b>2002</b> , 22, 105-111	8.3	2
19	Alignment of liquid crystal and dichroic dye molecules in mixed Langmuir and Langmuir-Blodgett films. <i>Liquid Crystals</i> , <b>2002</b> , 29, 281-288	2.3	9
18	Molecular organization in two-dimensional films of liquid crystalline mixtures III. Langmuir films of binary mixtures of liquid crystal materials with terminal CN or NCS group. <i>Liquid Crystals</i> , <b>2002</b> , 29, 99-105	2.3	17
17	Molecular organization in two-dimensional films of liquid I. Langmuir films of binary mixtures of liquid crystals with a crystalline mixtures terminal cyano group. <i>Liquid Crystals</i> , <b>2001</b> , 28, 437-444	2.3	25
16	Molecular organization in two-dimensional films of liquid II. Langmuir and Langmuir-Blodgett films of a perylene-like dye mixed with liquid crystals having a terminal cyano group crystalline mixtures. <i>Liquid Crystals</i> , <b>2001</b> , 28, 445-450	2.3	15
15	Characterization of cyanobiphenyl-cyanoterphenyl mixtures in Langmuir films <b>2000</b> , 4147, 220		
14	Stretching the Helix: a direct measure of the hydrogen-bond energy of a single-peptide molecule. <i>Chemical Physics Letters</i> , <b>1999</b> , 315, 61-68	2.5	69
13	The orientation of bacteriochlorophyll c in green bacteria cells and cell fragments. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>1998</b> , 42, 57-66	6.7	16
12	Langmuir-Blodgett films of dichroic dyes oriented by liquid crystal. <i>Supramolecular Science</i> , <b>1998</b> , 5, 643-647		11
11	Polarized Light Spectroscopy Of The Green Bacteria <b>1998</b> , 121-124		

10	Two forms of stilbazolium merocyanine on Langmuir-Blodgett monolayers. <i>Thin Solid Films</i> , <b>1997</b> , 306, 154-159	2.2	3
9	Influence of substituent length in dichroic dye molecules on the orientational properties of guest-host liquid crystal mixtures. <i>Liquid Crystals</i> , <b>1995</b> , 18, 607-613	2.3	11
8	Derivatives of 4-amino-N-ethyl-naphthalimide for use in nematic liquid crystals. <i>Dyes and Pigments</i> , <b>1994</b> , 25, 115-129	4.6	33
7	Spectral properties of fluorescent dyes in nematic liquid crystals. <i>Journal of Molecular Structure</i> , <b>1994</b> , 325, 161-167	3.4	39
6	Spontaneous assembly of bilayer membranes on a solid surface. <i>Bioelectrochemistry</i> , <b>1991</b> , 25, 317-324		30
5	Spontaneous assembly of bilayer membranes on a solid surface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1991</b> , 320, 317-324		
4	Corrections for the Fluorescence Intensity of Pleochroic Dyes Oriented by Nematic Liquid Crystal Matrices in Sandwich Cells. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , <b>1990</b> , 193, 25-30		
3	Spectroscopic investigation of the anisotropy of a liquid crystal matrix doped with photosynthetic pigments: effect of pigment concentration on the deg. <i>Dyes and Pigments</i> , <b>1988</b> , 9, 371-383	4.6	1
2	Spectral properties of chlorophyll a in liquid crystal. <i>Biophysical Chemistry</i> , <b>1977</b> , 6, 369-77	3.5	22
1	Influence of chlorophyll a on intermolecular interactions in liquid crystal. <i>Biophysical Chemistry</i> , <b>1975</b> , 9, 369-73	3.5	12