

# Tomasz Martynski

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8643863/tomasz-martynski-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
62	Spectral properties of fluorescent dyes in nematic liquid crystals. <i>Journal of Molecular Structure</i> , <b>1994</b> , 325, 161-167	3.4	39
61	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
60	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
59	Derivatives of 4-amino-N-ethylnaphthalimide for use in nematic liquid crystals. <i>Dyes and Pigments</i> , <b>1994</b> , 25, 115-129	4.6	33
58	Spontaneous assembly of bilayer membranes on a solid surface. <i>Bioelectrochemistry</i> , <b>1991</b> , 25, 317-324		30
57	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
56	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
55	Spectral properties of chlorophyll a in liquid crystal. <i>Biophysical Chemistry</i> , <b>1977</b> , 6, 369-77	3.5	22
54	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
53	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
52	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
51	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
50	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
49	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
48	Aggregation properties of tetrachloroperylene-tetracarboxylic acid in binary Langmuir and Langmuir-Blodgett films. <i>Journal of Luminescence</i> , <b>2014</b> , 148, 44-54	3.8	15
47	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

46	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
45	Intermolecular interactions in Langmuir-Blodgett films of liquid crystalline perylene derivatives. <i>Opto-electronics Review</i> , <b>2008</b> , 16,	2.4	14
44	Aggregates formation by perylene-like dyes in Langmuir-Blodgett films. <i>Thin Solid Films</i> , <b>2008</b> , 516, 8834-8838	2.3	13
43	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
42	Self-aggregates formation of 3,4,9,10-tetra-(n-alkoxy-carbonyl)-perylene in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , <b>2007</b> , 126, 323-332	3.8	12
41	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
40	Influence of chlorophyll a on intermolecular interactions in liquid crystal. <i>Biophysical Chemistry</i> , <b>1975</b> , 9, 369-73	3.5	12
39	Absolute photoluminescence quantum yield of perylene dye ultra-thin films. <i>Organic Electronics</i> , <b>2014</b> , 15, 2395-2399	3.5	11
38	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
37	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
36	Langmuir-Blodgett films of dichroic dyes oriented by liquid crystal. <i>Supramolecular Science</i> , <b>1998</b> , 5, 643-647		11
35	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
34	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
33	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
32	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
31	Molecular organization of perylene derivatives in Langmuir-Blodgett multilayers. <i>Optical Materials</i> , <b>2015</b> , 46, 555-560	3.3	9
30	Langmuir films of dichroic dyes with fluorescent properties. <i>Dyes and Pigments</i> , <b>2003</b> , 56, 209-217	4.6	9
29	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

28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	Thermodynamic properties of Langmuir layers created of monoimide perylenetetracarboxylic acid derivatives. <i>Phase Transitions</i> , <b>2016</b> , 89, 419-424	1.3	3
19	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
18	Two forms of stilbazolium merocyanine on Langmuir-Blodgett monolayers. <i>Thin Solid Films</i> , <b>1997</b> , 306, 154-159	2.2	3
17	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
16	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
15	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
14	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
13	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
12	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
11	Study of binary mixtures of liquid crystals with terminal $\text{CN}$ and $\text{NCS}$ group at the air/water interface. <i>Materials Science and Engineering C</i> , <b>2002</b> , 22, 105-111	8.3	2

10	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
9	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
8	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
7	Fluorescent discotic liquid crystals in Langmuir-Blodgett films for application in organic light emitting diodes <b>2005</b> ,		1
6	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
5	Obituary Professor Danuta Bauman. <i>Liquid Crystals Today</i> , <b>2012</b> , 21, 32-33	1.9	
4	Charaterization of cyanobiphenyl-cyanoterphenyl mixtures in Langmuir films <b>2000</b> , 4147, 220		
3	Spontaneous assembly of bilayer membranes on a solid surface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1991</b> , 320, 317-324		
2	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		
1	Polarized Light Spectroscopy Of The Green Bacteria <b>1998</b> , 121-124		