

Amália Gonçalves da Silva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Aggregation of Poly(styrene)-Poly(ethylene oxide) Diblock Copolymer Monolayers at the Air-Water Interface. <i>Langmuir</i> , 1998, 14, 5327-5330.	3.5	87
2	Reorganization and Desorption of Catanionic Monolayers. Kinetics of Γ and Δ Relaxation. <i>Langmuir</i> , 2001, 17, 1529-1537.	3.5	47
3	Phase behaviour of oleanolic acid, pure and mixed with stearic acid: Interactions and crystallinity. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 655-666.	3.2	38
4	Memory effects on the interfacial characteristics of dioctadecyldimethylammonium bromide monolayers at the air-water interface. <i>Journal of Colloid and Interface Science</i> , 2004, 270, 417-425.	9.4	36
5	Mixed monolayers involving DPPC, DODAB and oleic acid and their interaction with nicotinic acid at the air-water interface. <i>Chemistry and Physics of Lipids</i> , 2005, 137, 62-76.	3.2	36
6	Mixed Monolayers of Heptadecanoic Acid with Chlorohexadecane and Bromohexadecane. Effects of Temperature and of Metal Ions in the Subphase. <i>Langmuir</i> , 1996, 12, 4442-4448.	3.5	32
7	Thermo-responsiveness of poly(-diethylacrylamide) polymers at the air-water interface: The effect of a hydrophobic block. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 129-137.	9.4	32
8	Effect of glucosylceramide on the biophysical properties of fluid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1122-1130.	2.6	32
9	Organization of Cationic Porphyrins in Mixed Langmuir-Blodgett Films. An Absorption and Steady-State Fluorescence Study. <i>Langmuir</i> , 2002, 18, 5772-5781.	3.5	29
10	Phase behaviour and morphology of binary mixtures of DPPC with stearonitrile, stearic acid, and octadecanol at the air-water interface. <i>Chemistry and Physics of Lipids</i> , 2004, 131, 27-39.	3.2	27
11	Effect of tetracaine on DMPC and DMPC+cholesterol biomembrane models: Liposomes and monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 63-71.	5.0	27
12	Self-organization of a sulfonamido-porphyrin in Langmuir monolayers and Langmuir-Blodgett films. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 3874.	2.8	26
13	Microdomains in mixed monolayers of oleanolic and stearic acids: thermodynamic study and BAM observation at the air-water interface and AFM and FTIR analysis of LB monolayers. <i>Chemistry and Physics of Lipids</i> , 2007, 149, 1-13.	3.2	25
14	Phase behaviour of binary mixtures involving tristearin, stearyl stearate and stearic acid: thermodynamic study and BAM observation at the air-water interface and AFM analysis of LB films. <i>Chemistry and Physics of Lipids</i> , 2008, 153, 98-108.	3.2	19
15	Phase behaviour of stearic acid-stearonitrile mixtures. <i>Chemistry and Physics of Lipids</i> , 2006, 144, 160-171.	3.2	18
16	Interfacial Behavior of Poly(isoprene-b-methyl methacrylate) Diblock Copolymers and their Blends with Polystyrene at the Air-Water Interface. <i>Langmuir</i> , 2007, 23, 9310-9319.	3.5	17
17	Effect of the spreading procedure on the formation of cationic-anionic mixed monolayers. <i>Thin Solid Films</i> , 1998, 320, 236-240.	1.8	15
18	Organization of meso-Tetra(4-N-stearylpyridyl)porphine in Pure and Mixed Monolayers at the Air/Water Interface and in Langmuir-Blodgett Films. <i>Langmuir</i> , 2000, 16, 1196-1204.	3.5	15

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19	Interaction of the Alzheimer A β (25-35) peptide segment with model membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 10-18.	5.0	15
20	Topography of collapsed triglyceride monolayers on glass. <i>European Journal of Lipid Science and Technology</i> , 2001, 103, 677-682.	1.5	14
21	Schizophrenic Behavior of a Thermo-responsive Double Hydrophilic Diblock Copolymer at the Air-Water Interface. <i>Langmuir</i> , 2010, 26, 1807-1815.	3.5	14
22	Microphase Separation in Mixed Monolayers of DPPG with a Double Hydrophilic Block Copolymer at the Air-Water Interface: A BAM, LSCFM, and AFM Study. <i>Langmuir</i> , 2010, 26, 17165-17177.	3.5	12
23	Influence of Intracellular Membrane pH on Sphingolipid Organization and Membrane Biophysical Properties. <i>Langmuir</i> , 2014, 30, 4094-4104.	3.5	12
24	Ionic Liquid Films at the Water-Air Interface: Langmuir Isotherms of Tetra-alkylphosphonium-Based Ionic Liquids. <i>Langmuir</i> , 2015, 31, 8371-8378.	3.5	12
25	Thin Films of Hydrophobically Modified Poly(N,N-dimethylacrylamide). <i>Langmuir</i> , 2005, 21, 3940-3949.	3.5	11
26	Radiation damage on Langmuir monolayers of the anionic 1,2-dipalmitoyl-sn-glycero-3-[phospho-rac-(1-glycerol)] (sodium salt)(DPPG) phospholipid at the air-DNA solution interface. <i>Materials Science and Engineering C</i> , 2016, 58, 576-579.	7.3	11
27	Interaction of Hydrophobic Ionic Liquids with Lipids in Langmuir Monolayers. <i>Langmuir</i> , 2018, 34, 3797-3805.	3.5	11
28	Incorporation of β -lactoglobulin in monolayers of dioctadecyldimethylammonium bromide studied by Brewster angle microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 30, 259-272.	5.0	10
29	Optical spectroscopy and photochemistry of porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 509-517.	0.8	10
30	Binary Langmuir Films Involving 1-Heptadecanoic Acid, 1-Hexadecanol, and 1-Heptadecanenitrile. <i>Journal of Colloid and Interface Science</i> , 1993, 156, 438-445.	9.4	9
31	Interaction of Cytotoxic and Cytoprotective Bile Acids with Model Membranes: Influence of the Membrane Composition. <i>Langmuir</i> , 2015, 31, 8901-8910.	3.5	9
32	Phase behaviour of oleanolic acid/stearyl stearate binary mixtures in bulk and at the air-water interface. <i>Chemistry and Physics of Lipids</i> , 2009, 160, 45-57.	3.2	7
33	On the optical spectra of TCNQ simple salts. <i>Physica Status Solidi A</i> , 1973, 20, K151-K152.	1.7	6
34	Mixed Langmuir Films of 1-Heptadecanoic Acid and 1-Bromohexadecane. <i>Journal of Colloid and Interface Science</i> , 1993, 156, 433-437.	9.4	6
35	Interaction of slow electrons with Langmuir-Blodgett films studied by high resolution electron energy loss spectroscopy. <i>Thin Solid Films</i> , 1994, 243, 521-525.	1.8	6
36	A Transmission FTIR Spectroscopic Study on Mixed Langmuir-Blodgett Films of Cadmium Heptadecanoate-Chloro/Bromohexadecane. <i>Langmuir</i> , 1995, 11, 2745-2750.	3.5	6

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37	The surface pressure relaxation of C60 films at the air/water interface. Journal of Physics and Chemistry of Solids, 1997, 58, 1669-1674.	4.0	5
38	Behaviour of the water-soluble meso-tetra(4-methylpyridyl)porphine in mixed monolayers and in Langmuir-Blodgett films. Physical Chemistry Chemical Physics, 2002, 4, 4754-4762.	2.8	5
39	Incorporation of β -lactoglobulin in a lipid/porphyrin monolayer at the air-water interface. Chemistry and Physics of Lipids, 2004, 127, 77-90.	3.2	5
40	Nanopatterning in Langmuir-Blodgett Monolayers of a Thermoresponsive Double Hydrophilic Block Copolymer Studied by Atomic Force Microscopy. Journal of Nanoscience and Nanotechnology, 2011, 11, 3151-3161.	0.9	5
41	Interaction of toremifene with dipalmitoyl-phosphatidyl-glycerol in monolayers at the air-water interface followed by fluorescence microscopy in Langmuir-Blodgett films. Thin Solid Films, 2013, 534, 584-590.	1.8	5
42	Hydrophobic ionic liquids at liquid and solid interfaces. Tribology International, 2019, 129, 459-467.	5.9	5
43	Interaction of a double hydrophilic block copolymer with lipid monolayers at the air-water interface. Thin Solid Films, 2014, 550, 621-629.	1.8	2
44	Adsorption of Methanol and Water by Charcoal Cloth. Studies in Surface Science and Catalysis, 1991, 62, 341-346.	1.5	1
45	Structure, morphology and interfacial behaviour of ethylene/methacrylate copolymers. Journal of Polymer Research, 2013, 20, 1.	2.4	1
46	Adsorption of binary mixtures of heptane and alkanols by activated carbon. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 649.	1.7	0