

Matilde Casas Parada

List of Publications by Year in descending order

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381
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#	ARTICLE	IF	CITATIONS
1	Molecular organisation of amphotericin B at the air/water interface in the presence of sterols: a monolayer study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1375, 73-83.	2.6	55
2	Interactions between Amphotericin B and Sterols in Monolayers. Mixed Films of Amphotericin B-Cholesterol. <i>Langmuir</i> , 1999, 15, 5567-5573.	3.5	36
3	Poloxamine micellar solubilization of α -tocopherol for topical ocular treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 550-557.	5.0	35
4	Interaction between Amphotericin B and Sterols in Monolayers. Mixed Films of Ergosterol/Amphotericin B. <i>Langmuir</i> , 1999, 15, 3570-3573.	3.5	29
5	Interactions of amphotericin B with saturated and unsaturated phosphatidylcholines at the air/water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 29, 205-215.	5.0	28
6	Interactions between an anticancer drug " edelfosine " and cholesterol in Langmuir monolayers. <i>Thin Solid Films</i> , 2008, 516, 8829-8833.	1.8	27
7	A multitechnique approach on adsorption, self-assembly and quercetin solubilization by Tetronics [®] micelles in aqueous solutions modulated by glycine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 411-421.	5.0	27
8	Study of the "A isotherms of miltefosine monolayers spread at the air/water interface. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1580-1586.	2.8	23
9	Interactions of a non-ionic surfactant with mixed phospholipid/oleic acid monolayers. Surface potential and surface pressure studies at constant area. <i>Colloids and Surfaces</i> , 1992, 63, 301-309.	0.9	17
10	Penetration of amphotericin B into DOPC monolayers containing sterols of cellular membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 270-271, 129-137.	4.7	17
11	BAM studies on the penetration of amphotericin B into lipid mixed monolayers of cellular membranes. <i>Applied Surface Science</i> , 2005, 246, 334-341.	6.1	15
12	Urea induced changes in self-assembly and aggregate microstructures of amphiphilic star block copolymers with widely different hydrophobicity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 259-267.	4.7	15
13	Interaction of poloxamine block copolymers with lipid membranes: Role of copolymer structure and membrane cholesterol content. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 270-277.	5.0	14
14	Compression-expansion curves of poly(DL-lactic acid-co-glycolic acid) monolayers. <i>Langmuir</i> , 1992, 8, 2781-2784.	3.5	12
15	A comparative study on the effect of structural variations of co-solvent on the Tetronic [®] micelles with widely different hydrophobicity. <i>Journal of Molecular Liquids</i> , 2019, 282, 97-104.	4.9	12
16	Influence of pH and temperature on poly(isobutyl cyanoacrylate) monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 76, 101-108.	4.7	10
17	Interaction between Cyclosporin and Poly(isobutyl cyanoacrylate) Nanoparticles in Monolayers. <i>Langmuir</i> , 1994, 10, 1888-1893.	3.5	10
18	Surface and Aggregation Behavior of Pentablock Copolymer PNIPAM ₇ -F127-PNIPAM ₇ in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7569-7578.	2.6	10

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19	Compression and expansion curves of cyclosporin A monolayers on substrates of various ionic strengths. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 76, 227-232.	4.7	9
20	Effect of polymerized silicic acid on mixed lipid-protein monolayers used as cell membrane models. I. Hemoglobin-stearoyl erythroceramide films. <i>Colloid and Polymer Science</i> , 1992, 270, 478-484.	2.1	7
21	Penetration of chlorcyclizine and ampicillin into mixed phospholipid oleic acid monolayers. <i>Colloids and Surfaces</i> , 1992, 68, 207-214.	0.9	7
22	Interactions between the ganglioside GM1 and hexadecylphosphocholine (miltefosine) in monolayers at the air/water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 41, 63-72.	5.0	7
23	Study of Curves for Mixed Monolayers of Cyclosporin and Poly(dl-Lactic Acid-co-Glycolic Acid) Spread at the Air/Water Interface. <i>Journal of Colloid and Interface Science</i> , 1997, 185, 77-83.	9.4	5
24	Comparative study of the behaviour of mixed monolayers of human serum albumin and sphingomyelin in the presence and absence of polysilicic acid. <i>Colloids and Surfaces</i> , 1991, 59, 345-359.	0.9	4
25	Effect of polymerized silicic acid on mixed lipid-protein monolayers used as cell-membrane models II. Pepsin-sphingomyelin films. <i>Colloid and Polymer Science</i> , 1992, 270, 485-491.	2.1	3