

Cludia Nunes

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.

90
papers

2,709
citations

30
h-index

49
g-index

97
ext. papers

3,184
ext. citations

5.8
avg, IF

5.29
L-index

#	Paper	IF	Citations
90	Targeting and Killing the Ever-Challenging Ulcer Bug.. <i>International Journal of Pharmaceutics</i> , 2022 , 121562	5.3	0
89	Hyaluronic Acid: A Key Ingredient in the Therapy of Inflammation. <i>Biomolecules</i> , 2021 , 11,	5.9	10
88	Interface-Mediated Mechanism of Action-The Root of the Cytoprotective Effect of Immediate-Release Omeprazole. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 5171-5184	8.3	0
87	Preclinical developments of natural-occurring halloysite clay nanotubes in cancer therapeutics. <i>Advances in Colloid and Interface Science</i> , 2021 , 291, 102406	14.3	7
86	Targeted nanostructured lipid carriers for doxorubicin oral delivery. <i>International Journal of Pharmaceutics</i> , 2021 , 592, 120029	6.5	8
85	Lipid nanoparticles coated with chitosan using a one-step association method to target rifampicin to alveolar macrophages. <i>Carbohydrate Polymers</i> , 2021 , 252, 116978	10.3	9
84	-Acetyl-l-cysteine-Loaded Nanosystems as a Promising Therapeutic Approach Toward the Eradication of Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42329-42343	9.5	0
83	Drug Targeting of Inflammatory Bowel Diseases by Biomolecules. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
82	From soil to cosmetic industry: Validation of a new cosmetic ingredient extracted from chestnut shells. <i>Sustainable Materials and Technologies</i> , 2021 , 29, e00309	5.3	2
81	Neutral Diclofenac Causes Remarkable Changes in Phosphatidylcholine Bilayers: Relevance for Gastric Toxicity Mechanisms. <i>Molecular Pharmacology</i> , 2020 , 97, 295-303	4.3	4
80	Innovative Strategies Toward the Disassembly of the EPS Matrix in Bacterial Biofilms. <i>Frontiers in Microbiology</i> , 2020 , 11, 952	5.7	38
79	Unraveling the Role of Drug-Lipid Interactions in NSAIDs-Induced Cardiotoxicity. <i>Membranes</i> , 2020 , 11,	3.8	6
78	Impact of nanosystems in Staphylococcus aureus biofilms treatment. <i>FEMS Microbiology Reviews</i> , 2019 , 43, 622-641	15.1	33
77	Improved Dermal Delivery of Cyclosporine A Loaded in Solid Lipid Nanoparticles. <i>Nanomaterials</i> , 2019 , 9,	5.4	31
76	Discovery of a New Xanthone against Glioma: Synthesis and Development of (Pro)liposome Formulations. <i>Molecules</i> , 2019 , 24,	4.8	9
75	Delivering amoxicillin at the infection site - a rational design through lipid nanoparticles. <i>International Journal of Nanomedicine</i> , 2019 , 14, 2781-2795	7.3	16
74	Development of a novel human stratum corneum model, as a tool in the optimization of drug formulations. <i>International Journal of Pharmaceutics</i> , 2019 , 569, 118571	6.5	6

73	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. <i>Heliyon</i> , 2019 , 5, e02648	3.6	8
72	Licofelone-DPPC Interactions: Putting Membrane Lipids on the Radar of Drug Development. <i>Molecules</i> , 2019 , 24,	4.8	5
71	Macrophage Targeting pH Responsive Polymersomes for Glucocorticoid Therapy. <i>Pharmaceutics</i> , 2019 , 11,	6.4	13
70	Lipid nanoparticles to counteract gastric infection without affecting gut microbiota. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 127, 378-386	5.7	14
69	Lipid nanocarriers loaded with natural compounds: Potential new therapies for age related neurodegenerative diseases?. <i>Progress in Neurobiology</i> , 2018 , 168, 21-41	10.9	17
68	Assessing lipophilicity of drugs with biomimetic models: A comparative study using liposomes and micelles. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 115, 369-380	5.1	18
67	Mannosylated solid lipid nanoparticles for the selective delivery of rifampicin to macrophages. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 653-663	6.1	40
66	Optimization of nanostructured lipid carriers for Zidovudine delivery using a microwave-assisted production method. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 122, 22-30	5.1	16
65	Topotecan effect on the structure of normal and cancer plasma membrane lipid models: A multi-model approach. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 123, 515-523	5.1	2
64	Acemetacin-phosphatidylcholine interactions are determined by the drug ionization state. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 14398-14409	3.6	5
63	Metronidazole within phosphatidylcholine lipid membranes: New insights to improve the design of imidazole derivatives. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 129, 204-214	5.7	9
62	Nanodelivery Systems for NSAIDs: Challenges and Breakthroughs 2018 , 345-373		1
61	Innovative Target-to-Treat Nanostrategies for Rheumatoid Arthritis 2018 , 375-405		0
60	Mucoadhesive chitosan-coated solid lipid nanoparticles for better management of tuberculosis. <i>International Journal of Pharmaceutics</i> , 2018 , 536, 478-485	6.5	64
59	Acylation of the S4-PV cell-penetrating peptide as a means of enhancing its capacity to mediate nucleic acid delivery: Relevance of peptide/lipid interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 2619-2634	3.8	6
58	Can NO-indomethacin counteract the topical gastric toxicity induced by indomethacin interactions with phospholipid bilayers?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 169, 375-383	6	10
57	Hyaluronic acid-conjugated pH-sensitive liposomes for targeted delivery of prednisolone on rheumatoid arthritis therapy. <i>Nanomedicine</i> , 2018 , 13, 1037-1049	5.6	28
56	Docosahexaenoic acid loaded lipid nanoparticles with bactericidal activity against <i>Helicobacter pylori</i> . <i>International Journal of Pharmaceutics</i> , 2017 , 519, 128-137	6.5	34

55	Proof of pore formation and biophysical perturbations through a 2D amoxicillin-lipid membrane interaction approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 803-812	3.8	11
54	The daunorubicin interplay with mimetic model membranes of cancer cells: A biophysical interpretation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 941-948	3.8	11
53	Folate-targeted nanostructured lipid carriers for enhanced oral delivery of epigallocatechin-3-gallate. <i>Food Chemistry</i> , 2017 , 237, 803-810	8.5	35
52	Multiple Lipid Nanoparticles (MLN), a New Generation of Lipid Nanoparticles for Drug Delivery Systems: Lamivudine-MLN Experimental Design. <i>Pharmaceutical Research</i> , 2017 , 34, 1204-1216	4.5	14
51	Nonsteroidal Anti-Inflammatory Therapy: A Journey Toward Safety. <i>Medicinal Research Reviews</i> , 2017 , 37, 802-859	14.4	59
50	Shedding light on the puzzle of drug-membrane interactions: Experimental techniques and molecular dynamics simulations. <i>Progress in Lipid Research</i> , 2017 , 65, 24-44	14.3	44
49	Daunorubicin and doxorubicin molecular interplay with 2D membrane models. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 610-618	6	15
48	A biophysical approach to daunorubicin interaction with model membranes: relevance for the drug's biological activity. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	18
47	Influence of doxorubicin on model cell membrane properties: insights from in vitro and in silico studies. <i>Scientific Reports</i> , 2017 , 7, 6343	4.9	41
46	Resveratrol and Grape Extract-loaded Solid Lipid Nanoparticles for the Treatment of Alzheimer's Disease. <i>Molecules</i> , 2017 , 22,	4.8	144
45	Treatment of Francisella infections via PLGA- and lipid-based nanoparticle delivery of antibiotics in a zebrafish model. <i>Diseases of Aquatic Organisms</i> , 2017 , 125, 19-29	1.7	5
44	Resveratrol induces ordered domains formation in biomembranes: Implication for its pleiotropic action. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 12-8	3.8	23
43	Permeation of topically applied caffeine from a food by-product in cosmetic formulations: Is nanoscale in vitro approach an option?. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 496-503	6.5	27
42	Resveratrol Interaction with Lipid Bilayers: A Synchrotron X-ray Scattering Study. <i>Langmuir</i> , 2016 , 32, 12914-12922	4	6
41	Oxaprozin-Loaded Lipid Nanoparticles towards Overcoming NSAIDs Side-Effects. <i>Pharmaceutical Research</i> , 2016 , 33, 301-14	4.5	21
40	Effects of resveratrol on the structure and fluidity of lipid bilayers: a membrane biophysical study. <i>Soft Matter</i> , 2016 , 12, 2118-26	3.6	30
39	On-line automated evaluation of lipid nanoparticles transdermal permeation using Franz diffusion cell and low-pressure chromatography. <i>Talanta</i> , 2016 , 146, 369-74	6.2	13
38	Design and statistical modeling of mannose-decorated dapson-containing nanoparticles as a strategy of targeting intestinal M-cells. <i>International Journal of Nanomedicine</i> , 2016 , 11, 2601-17	7.3	22

37	Biophysics in cancer: The relevance of drug-membrane interaction studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2231-2244	3.8	102
36	New Insights on the Biophysical Interaction of Resveratrol with Biomembrane Models: Relevance for Its Biological Effects. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 11664-72	3.4	30
35	Non-Biologic Nanodelivery Therapies for Rheumatoid Arthritis. <i>Journal of Biomedical Nanotechnology</i> , 2015 , 11, 1701-21	4	21
34	Precise engineering of dapivirine-loaded nanoparticles for the development of anti-HIV vaginal microbicides. <i>Acta Biomaterialia</i> , 2015 , 18, 77-87	10.8	53
33	Evaluation of the effect of rifampicin on the biophysical properties of the membranes: significance for therapeutic and side effects. <i>International Journal of Pharmaceutics</i> , 2014 , 466, 190-7	6.5	13
32	A new topical formulation for psoriasis: development of methotrexate-loaded nanostructured lipid carriers. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 519-26	6.5	77
31	Eradication of Helicobacter pylori: Past, present and future. <i>Journal of Controlled Release</i> , 2014 , 189, 169-86	11.7	61
30	In vitro assessment of NSAIDs-membrane interactions: significance for pharmacological actions. <i>Pharmaceutical Research</i> , 2013 , 30, 2097-107	4.5	20
29	Interaction of nonsteroidal anti-inflammatory drugs with membranes: in vitro assessment and relevance for their biological actions. <i>Progress in Lipid Research</i> , 2013 , 52, 571-84	14.3	69
28	Interactions of NFacetyl-rifabutin and NButanoyl-rifabutin with lipid bilayers: a synchrotron X-ray study. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 560-8	6.5	4
27	Brain targeting effect of camptothecin-loaded solid lipid nanoparticles in rat after intravenous administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 488-502	5.7	88
26	Biophysical characterization of the drug-membrane interactions: the case of propranolol and acebutolol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 84, 183-91	5.7	28
25	Differential interactions of rifabutin with human and bacterial membranes: implication for its therapeutic and toxic effects. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 417-26	8.3	26
24	A biophysical approach to menadione membrane interactions: relevance for menadione-induced mitochondria dysfunction and related deleterious/therapeutic effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 1899-908	3.8	26
23	Synchrotron small angle X-ray scattering for the evaluation of the interaction of silica nanotubes with lipid membranes. <i>RSC Advances</i> , 2013 , 3, 10323	3.7	1
22	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. <i>Toxicology Letters</i> , 2013 , 220, 259-66	4.4	23
21	The influence of rifabutin on human and bacterial membrane models: implications for its mechanism of action. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 6187-93	3.4	20
20	Effects of a novel antimycobacterial compound on the biophysical properties of a pulmonary surfactant model membrane. <i>International Journal of Pharmaceutics</i> , 2013 , 450, 268-77	6.5	21

19	Evaluation of the structure-activity relationship of rifabutin and analogs: a drug-membrane study. <i>ChemPhysChem</i> , 2013 , 14, 2808-16	3.2	10
18	Interaction of celecoxib with membranes: the role of membrane biophysics on its therapeutic and toxic effects. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 13608-17	3.4	31
17	Development and validation of a simple reversed-phase HPLC method for the determination of camptothecin in animal organs following administration in solid lipid nanoparticles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 880, 100-7	3.2	24
16	S4(13)-PV cell-penetrating peptide induces physical and morphological changes in membrane-mimetic lipid systems and cell membranes: implications for cell internalization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 877-88	3.8	31
15	pH sensitive silica nanotubes as rationally designed vehicles for NSAIDs delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 94, 288-95	6	19
14	Lipid-drug interaction: biophysical effects of tolmetin on membrane mimetic systems of different dimensionality. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12615-23	3.4	48
13	Synchrotron SAXS and WAXS study of the interactions of NSAIDs with lipid membranes. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8024-32	3.4	41
12	NSAIDs interactions with membranes: a biophysical approach. <i>Langmuir</i> , 2011 , 27, 10847-58	4	77
11	Effects of non-steroidal anti-inflammatory drugs on the structure of lipid bilayers: therapeutical aspects. <i>Soft Matter</i> , 2011 , 7, 3002	3.6	25
10	Facilitated nanoscale delivery of insulin across intestinal membrane models. <i>International Journal of Pharmaceutics</i> , 2011 , 412, 123-31	6.5	95
9	High-throughput microplate assay for the determination of drug partition coefficients. <i>Nature Protocols</i> , 2010 , 5, 1823-30	18.8	56
8	Effects of resveratrol on membrane biophysical properties: relevance for its pharmacological effects. <i>Chemistry and Physics of Lipids</i> , 2010 , 163, 747-54	3.7	78
7	Antioxidant Activity of Vitamin E and Trolox: Understanding of the Factors that Govern Lipid Peroxidation Studies In Vitro. <i>Food Biophysics</i> , 2009 , 4, 312-320	3.2	65
6	Effect of anti-inflammatory drugs in phosphatidylcholine membranes: A fluorescence and calorimetric study. <i>Chemical Physics Letters</i> , 2009 , 471, 300-309	2.5	39
5	Effect of nonsteroidal anti-inflammatory drugs on the cellular membrane fluidity. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 3195-206	3.9	26
4	Substituted phenols as pollutants that affect membrane fluidity. <i>Journal of Environmental Biology</i> , 2008 , 29, 733-8	1.6	11
3	Lipid-based colloidal carriers for peptide and protein delivery--liposomes versus lipid nanoparticles. <i>International Journal of Nanomedicine</i> , 2007 , 2, 595-607	7.3	193
2	Oral insulin delivery by means of solid lipid nanoparticles. <i>International Journal of Nanomedicine</i> , 2007 , 2, 743-9	7.3	144

- 1 Targeting Macrophages and Synoviocytes Intracellular Milieu to Augment Anti-Inflammatory Drug Potency. *Advanced Therapeutics*,2100167 4.9