

Nuno C Santos

List of Publications by Year in descending order

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160
papers

6,946
citations

61984

43
h-index

74163

75
g-index

179
all docs

179
docs citations

179
times ranked

10087
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesteryl hemiazelate causes lysosome dysfunction impacting vascular smooth muscle cell homeostasis. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	4
2	Using plasma-mediated covalent functionalization of rhamnolipids on polydimethylsiloxane towards the antimicrobial improvement of catheter surfaces. <i>Materials Science and Engineering C</i> , 2022, 134, 112563.	7.3	13
3	Insights into the mode of action of the two-peptide lantibiotic lichenicidin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112308.	5.0	10
4	Assessing the potential of the two-peptide lantibiotic lichenicidin as a new generation antimicrobial. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 18.	3.6	6
5	Nanomechanics of Blood Clot and Thrombus Formation. <i>Annual Review of Biophysics</i> , 2022, 51, 201-221.	10.0	5
6	The Importance of Lipid Conjugation on Anti-Fusion Peptides against Nipah Virus. <i>Biomedicines</i> , 2022, 10, 703.	3.2	2
7	Mice with Type 2 Diabetes Present Significant Alterations in Their Tissue Biomechanical Properties and Histological Features. <i>Biomedicines</i> , 2022, 10, 57.	3.2	7
8	Aquaporin-3 and Aquaporin-5 Facilitate Migration and Cellâ€“Cell Adhesion in Pancreatic Cancer by Modulating Cell Biomechanical Properties. <i>Cells</i> , 2022, 11, 1308.	4.1	8
9	Neuroprotective effects on microglia and insights into the structureâ€“activity relationship of an antioxidant peptide isolated from <i>Pelophylax perezii</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2793-2807.	3.6	7
10	Polyalanine peptide variations may have different mechanisms of action against multidrug-resistant bacterial pathogens. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1174-1186.	3.0	6
11	25-Hydroxycholesterol Effect on Membrane Structure and Mechanical Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2574.	4.1	13
12	The Pseudo-Circular Genomes of Flaviviruses: Structures, Mechanisms, and Functions of Circularization. <i>Cells</i> , 2021, 10, 642.	4.1	6
13	Lipid membrane-based therapeutics and diagnostics. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108858.	3.0	4
14	Î³' Fibrinogen as a Predictor of Survival in Amyotrophic Lateral Sclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 715842.	2.4	1
15	The pH-sensitive action of cholesterol-conjugated peptide inhibitors of influenza virus. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183762.	2.6	4
16	Acyl-chain saturation regulates the order of phosphatidylinositol 4,5-bisphosphate nanodomains. <i>Communications Chemistry</i> , 2021, 4, .	4.5	4
17	Dengue and Zika Viruses: Epidemiological History, Potential Therapies, and Promising Vaccines. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 150.	2.3	41
18	Interactions of <i>de novo</i> -designed peptides with bacterial membranes: Implications in the antimicrobial activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183443.	2.6	15

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19	EcDBS1R4, an Antimicrobial Peptide Effective against Escherichia coli with In Vitro Fusogenic Ability. International Journal of Molecular Sciences, 2020, 21, 9104.	4.1	11
20	Antibiofilm Activity on Candida albicans and Mechanism of Action on Biomembrane Models of the Antimicrobial Peptide Ctn[15â€³4]. International Journal of Molecular Sciences, 2020, 21, 8339.	4.1	26
21	Intrinsically disordered protein domains in flavivirus infection. Archives of Biochemistry and Biophysics, 2020, 683, 108298.	3.0	7
22	Fast and potent bactericidal membrane lytic activity of PaDBS1R1, a novel cationic antimicrobial peptide. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 178-190.	2.6	32
23	Structural and Functional Properties of the Capsid Protein of Dengue and Related Flavivirus. International Journal of Molecular Sciences, 2019, 20, 3870.	4.1	22
24	Advances in Lipid and Metal Nanoparticles for Antimicrobial Peptide Delivery. Pharmaceutics, 2019, 11, 588.	4.5	81
25	Fibrinogenâ€™erythrocyte binding and hemorheology measurements in the assessment of essential arterial hypertension patients. Nanoscale, 2019, 11, 2757-2766.	5.6	22
26	Synergistic and antibiofilm activity of the antimicrobial peptide P5 against carbapenem-resistant Pseudomonas aeruginosa. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1329-1337.	2.6	47
27	Studies on interaction of green silver nanoparticles with whole bacteria by surface characterization techniques. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1086-1092.	2.6	30
28	Selective antibacterial activity of the cationic peptide PaDBS1R6 against Gram-negative bacteria. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1375-1387.	2.6	38
29	West Nile Virus Capsid Protein Interacts With Biologically Relevant Host Lipid Systems. Frontiers in Cellular and Infection Microbiology, 2019, 9, 8.	3.9	29
30	Fast NMR method to probe solvent accessibility and disordered regions in proteins. Scientific Reports, 2019, 9, 1647.	3.3	12
31	Combining 25-Hydroxycholesterol with an HIV Fusion Inhibitor Peptide: Interaction with Biomembrane Model Systems and Human Blood Cells. ACS Infectious Diseases, 2019, 5, 582-591.	3.8	12
32	Neuropeptide receptors as potential pharmacological targets for obesity. , 2019, 196, 59-78.		13
33	Psd2 pea defensin shows a preference for mimetic membrane rafts enriched with glucosylceramide and ergosterol. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 713-728.	2.6	17
34	Effect of 25-hydroxycholesterol in viral membrane fusion: Insights on HIV inhibition. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1171-1178.	2.6	24
35	Sensing adhesion forces between erythrocytes and Î³â€™ fibrinogen, modulating fibrin clot architecture and function. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 909-918.	3.3	13
36	Designing improved active peptides for therapeutic approaches against infectious diseases. Biotechnology Advances, 2018, 36, 415-429.	11.7	125

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37	Cell surface damage and morphological changes in <i>Oenococcus oeni</i> after freeze-drying and incubation in synthetic wine. <i>Cryobiology</i> , 2018, 82, 15-21.	0.7	13
38	Interaction of S-layer proteins of <i>Lactobacillus kefir</i> with model membranes and cells. <i>Journal of Liposome Research</i> , 2018, 28, 117-125.	3.3	6
39	SRC inhibition prevents P-cadherin mediated signaling and function in basal-like breast cancer cells. <i>Cell Communication and Signaling</i> , 2018, 16, 75.	6.5	14
40	Impact of $\alpha_2\beta_2$ fibrinogen interaction with red blood cells on fibrin clots. <i>Nanomedicine</i> , 2018, 13, 2491-2505.	3.3	4
41	Study of the interactions of bovine serum albumin with a molybdenum(II) carbonyl complex by spectroscopic and molecular simulation methods. <i>PLoS ONE</i> , 2018, 13, e0204624.	2.5	12
42	The $\alpha_2\beta_2$ RGD sequence on the A α chain of fibrinogen is essential for binding to its erythrocyte receptor. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1985-1992.	6.7	3
43	Effective <i>In Vivo</i> Targeting of Influenza Virus through a Cell-Penetrating/Fusion Inhibitor Tandem Peptide Anchored to the Plasma Membrane. <i>Bioconjugate Chemistry</i> , 2018, 29, 3362-3376.	3.6	26
44	Methods for Lipid Droplet Biophysical Characterization in Flaviviridae Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 1951.	3.5	35
45	Application of Light Scattering Techniques to Nanoparticle Characterization and Development. <i>Frontiers in Chemistry</i> , 2018, 6, 237.	3.6	217
46	Decellularized human colorectal cancer matrices polarize macrophages towards an anti-inflammatory phenotype promoting cancer cell invasion via CCL18. <i>Biomaterials</i> , 2017, 124, 211-224.	11.4	104
47	Lipophilicity is a key factor to increase the antiviral activity of HIV neutralizing antibodies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 311-316.	5.0	7
48	Lipid selectivity in novel antimicrobial peptides: Implication on antimicrobial and hemolytic activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 153, 152-159.	5.0	70
49	Glycation potentiates α -synuclein-associated neurodegeneration in synucleinopathies. <i>Brain</i> , 2017, 140, 1399-1419.	7.6	153
50	Myofibril contraction and crosslinking drive nuclear movement to the periphery of skeletal muscle. <i>Nature Cell Biology</i> , 2017, 19, 1189-1201.	10.3	100
51	Essential arterial hypertension patients present higher cell adhesion forces, contributing to fibrinogen-dependent cardiovascular risk. <i>Nanoscale</i> , 2017, 9, 14897-14906.	5.6	30
52	Antiviral Lipopeptide-Cell Membrane Interaction Is Influenced by PEG Linker Length. <i>Molecules</i> , 2017, 22, 1190.	3.8	13
53	Biophysical Properties and Antiviral Activities of Measles Fusion Protein Derived Peptide Conjugated with 25-Hydroxycholesterol. <i>Molecules</i> , 2017, 22, 1869.	3.8	10
54	Peptides with Dual Antimicrobial and Anticancer Activities. <i>Frontiers in Chemistry</i> , 2017, 5, 5.	3.6	294

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55	Psd1 Effects on Candida albicans Planktonic Cells and Biofilms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 249.	3.9	46
56	Broad spectrum antiviral activity for paramyxoviruses is modulated by biophysical properties of fusion inhibitory peptides. <i>Scientific Reports</i> , 2017, 7, 43610.	3.3	45
57	Deletion of the rodent malaria ortholog for falcipain-1 highlights differences between hepatic and blood stage merozoites. <i>PLoS Pathogens</i> , 2017, 13, e1006586.	4.7	31
58	A polyalanine peptide derived from polar fish with anti-infectious activities. <i>Scientific Reports</i> , 2016, 6, 21385.	3.3	46
59	Atomic force microscopy as a tool to evaluate the risk of cardiovascular diseases in patients. <i>Nature Nanotechnology</i> , 2016, 11, 687-692.	31.5	59
60	Structural and functional evaluation of the palindromic alanine-rich antimicrobial peptide Pa -MAP2. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1488-1498.	2.6	35
61	Modulation of membrane properties of lung cancer cells by azurin enhances the sensitivity to EGFR-targeted therapy and decreased α 21 integrin-mediated adhesion. <i>Cell Cycle</i> , 2016, 15, 1415-1424.	2.6	33
62	Atomic force microscopy and graph analysis to study the P-cadherin/SFK mechanotransduction signalling in breast cancer cells. <i>Nanoscale</i> , 2016, 8, 19390-19401.	5.6	18
63	Effects of <i>Penicillium chrysogenum</i> var. <i>halophenicum</i> on kraft lignin: color stabilization and cytotoxicity evaluation. <i>3 Biotech</i> , 2016, 6, 102.	2.2	6
64	Role of amphipathicity and hydrophobicity in the balance between hemolysis and peptide-membrane interactions of three related antimicrobial peptides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 528-536.	5.0	126
65	New frontiers for anti-biofilm drug development. , 2016, 160, 133-144.		110
66	Taking nanomedicine teaching into practice with atomic force microscopy and force spectroscopy. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015, 39, 360-366.	1.6	2
67	Uptake and cellular distribution of nucleolar targeting peptides (N-TP) in different cell types. <i>Biopolymers</i> , 2015, 104, 101-109.	2.4	20
68	Antifungal nanofibers made by controlled release of sea animal derived peptide. <i>Nanoscale</i> , 2015, 7, 6238-6246.	5.6	23
69	Broad-spectrum antivirals against viral fusion. <i>Nature Reviews Microbiology</i> , 2015, 13, 426-437.	28.6	189
70	Understanding Dengue Virus Capsid Protein Interaction with Key Biological Targets. <i>Scientific Reports</i> , 2015, 5, 10592.	3.3	19
71	Rethinking the capsid proteins of enveloped viruses: multifunctionality from genome packaging to genome transfection. <i>FEBS Journal</i> , 2015, 282, 2267-2278.	4.7	36
72	Effects of singlet oxygen generated by a broad-spectrum viral fusion inhibitor on membrane nanoarchitecture. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1163-1167.	3.3	15

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73	Study of surface damage on cell envelope assessed by AFM and flow cytometry of <i>Lactobacillus plantarum</i> exposed to ethanol and dehydration. <i>Journal of Applied Microbiology</i> , 2015, 118, 1409-1417.	3.1	22
74	Understanding Dengue Virus Capsid Protein Disordered N-Terminus and pep14-23-Based Inhibition. <i>ACS Chemical Biology</i> , 2015, 10, 517-526.	3.4	45
75	Defensins: antifungal lessons from eukaryotes. <i>Frontiers in Microbiology</i> , 2014, 5, 97.	3.5	86
76	Nucleic acid delivery by cell penetrating peptides derived from dengue virus capsid protein: design and mechanism of action. <i>FEBS Journal</i> , 2014, 281, 191-215.	4.7	40
77	Antimicrobial protein rBPI21-induced surface changes on Gram-negative and Gram-positive bacteria. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 543-551.	3.3	76
78	Biological activity of antibacterial peptides matches synergism between electrostatic and non electrostatic forces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 363-371.	5.0	12
79	Dengue virus capsid protein interacts specifically with very low-density lipoproteins. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 247-255.	3.3	59
80	Improvement of HIV fusion inhibitor C34 efficacy by membrane anchoring and enhanced exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1286-1297.	3.0	34
81	Structural requirements of glycosaminoglycans for their interaction with HIV-1 envelope glycoprotein gp120. <i>Archives of Virology</i> , 2014, 159, 555-560.	2.1	12
82	The Rigid Amphipathic Fusion Inhibitor dUY11 Acts through Photosensitization of Viruses. <i>Journal of Virology</i> , 2014, 88, 1849-1853.	3.4	61
83	Singlet oxygen effects on lipid membranes: implications for the mechanism of action of broad-spectrum viral fusion inhibitors. <i>Biochemical Journal</i> , 2014, 459, 161-170.	3.7	42
84	Peptides as models for the structure and function of viral capsid proteins: Insights on dengue virus capsid. <i>Biopolymers</i> , 2013, 100, 325-336.	2.4	14
85	Anionic Lipids Are Required for Vesicular Stomatitis Virus G Protein-mediated Single Particle Fusion with Supported Lipid Bilayers. <i>Journal of Biological Chemistry</i> , 2013, 288, 12416-12425.	3.4	46
86	rBPI21 interacts with negative membranes endothermically promoting the formation of rigid multilamellar structures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2419-2427.	2.6	20
87	Decoding distinct membrane interactions of HIV-1 fusion inhibitors using a combined atomic force and fluorescence microscopy approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1777-1785.	2.6	15
88	Novel tretinoin formulations: a drug-in-cyclodextrin-in-liposome approach. <i>Journal of Liposome Research</i> , 2013, 23, 211-219.	3.3	35
89	Kinetic uptake profiles of cell penetrating peptides in lymphocytes and monocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4554-4563.	2.4	21
90	Atomic force microscopy and force spectroscopy on the assessment of protein folding and functionality. <i>Archives of Biochemistry and Biophysics</i> , 2013, 531, 116-127.	3.0	22

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91	A Mechanistic Paradigm for Broad-Spectrum Antivirals that Target Virus-Cell Fusion. <i>PLoS Pathogens</i> , 2013, 9, e1003297.	4.7	88
92	Intracellular Nucleic Acid Delivery by the Supercharged Dengue Virus Capsid Protein. <i>PLoS ONE</i> , 2013, 8, e81450.	2.5	36
93	Conjugation of Cholesterol to HIV-1 Fusion Inhibitor C34 Increases Peptide-Membrane Interactions Potentiating Its Action. <i>PLoS ONE</i> , 2013, 8, e60302.	2.5	49
94	Dengue Virus Capsid Protein Binding to Hepatic Lipid Droplets (LD) Is Potassium Ion Dependent and Is Mediated by LD Surface Proteins. <i>Journal of Virology</i> , 2012, 86, 2096-2108.	3.4	115
95	Quantitative imaging of endosome acidification and single retrovirus fusion with distinct pools of early endosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17627-17632.	7.1	63
96	Portugal's Age of Enlightenment. <i>Science</i> , 2012, 335, 401-402.	12.6	0
97	Antimicrobial Peptide rBPI21: A Translational Overview from Bench to Clinical Studies. <i>Current Protein and Peptide Science</i> , 2012, 13, 611-619.	1.4	22
98	The disordered N-terminal region of dengue virus capsid protein contains a lipid-droplet-binding motif. <i>Biochemical Journal</i> , 2012, 444, 405-415.	3.7	83
99	Controlled adsorption of cytochrome c to nanostructured gold surfaces. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	9
100	Evaluation of the membrane lipid selectivity of the pea defensin Psd1. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1420-1426.	2.6	33
101	Differences in lipid deposition and adipose membrane biophysical properties from lean and obese pigs under dietary protein restriction. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 170-175.	2.1	9
102	Molecular characterization of the interaction of crotonamine-derived nucleolar targeting peptides with lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2707-2717.	2.6	34
103	Translocating the blood-brain barrier using electrostatics. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 44.	3.7	54
104	Atomic force microscopy-based force spectroscopy in biological and biomedical applications. <i>IUBMB Life</i> , 2012, 64, 465-472.	3.4	79
105	Lipid composition is a determinant for human defensin hnp1 selectivity. <i>Biopolymers</i> , 2012, 98, 313-321.	2.4	11
106	Biophysical characterization of polymyxin b interaction with LPS aggregates and membrane model systems. <i>Biopolymers</i> , 2012, 98, 338-344.	2.4	119
107	Peptides from agribusiness to human health. <i>Biopolymers</i> , 2012, 98, iii.	2.4	0
108	Infection by Plasmodium changes shape and stiffness of hepatic cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 17-19.	3.3	36

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109	Cationic liposomes are possible drug-delivery systems for HIV fusion inhibitor sifuvirtide. <i>Soft Matter</i> , 2011, 7, 11089.	2.7	6
110	Efficient Cellular Delivery of β -Galactosidase Mediated by NrTPs, a New Family of Cell-Penetrating Peptides. <i>Bioconjugate Chemistry</i> , 2011, 22, 2339-2344.	3.6	23
111	Characterization of the Interaction of the Dengue Virus Capsid Protein with Lipid Droplets. <i>Biophysical Journal</i> , 2011, 100, 403a-404a.	0.5	1
112	Identification of the Fibrinogen Receptor on Human Erythrocyte by AFM-Based Force Spectroscopy. <i>Biophysical Journal</i> , 2011, 100, 479a.	0.5	1
113	Variations on Fibrinogen-Erythrocyte Interactions during Cell Aging. <i>PLoS ONE</i> , 2011, 6, e18167.	2.5	47
114	Anti-HIV-1 antibodies 2F5 and 4E10 interact differently with lipids to bind their epitopes. <i>Aids</i> , 2011, 25, 419-428.	2.2	20
115	Complexation and Full Characterization of the Tretinoin and Dimethyl- β -Cyclodextrin Complex. <i>AAPS PharmSciTech</i> , 2011, 12, 553-563.	3.3	36
116	Using zeta-potential measurements to quantify peptide partition to lipid membranes. <i>European Biophysics Journal</i> , 2011, 40, 481-487.	2.2	64
117	Isoelectric Point Determination for <i>Glossoscolex paulistus</i> Extracellular Hemoglobin: Oligomeric Stability in Acidic pH and Relevance to Protein-Surfactant Interactions. <i>Langmuir</i> , 2010, 26, 9794-9801.	3.5	55
118	Thermal stability of extracellular hemoglobin of <i>Glossoscolex paulistus</i> : Determination of activation parameters by optical spectroscopic and differential scanning calorimetric studies. <i>Biophysical Chemistry</i> , 2010, 152, 128-138.	2.8	25
119	HIV-1 Fusion Inhibitor Peptides Enfuvirtide and T-1249 Interact with Erythrocyte and Lymphocyte Membranes. <i>PLoS ONE</i> , 2010, 5, e9830.	2.5	38
120	In and Out Biochemical and Biophysical Mechanisms of Viral Fusion and Assembly. <i>Scientific World Journal</i> , The, 2010, 10, 419-421.	2.1	0
121	Blood Cell Membrane Fluidity and Intracellular Ca^{2+} Changes in Antiretroviral-Na ⁺ -ve and -Treated HIV-1 ⁺ Infected Patients. <i>Scientific World Journal</i> , The, 2010, 10, 350-355.	2.1	0
122	<i>Escherichia coli</i> Cell Surface Perturbation and Disruption Induced by Antimicrobial Peptides BP100 and pepR. <i>Journal of Biological Chemistry</i> , 2010, 285, 27536-27544.	3.4	193
123	Unravelling the molecular basis of the selectivity of the HIV-1 fusion inhibitor sifuvirtide towards phosphatidylcholine-rich rigid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1234-1243.	2.6	32
124	Quantitative assessment of peptide-lipid interactions.. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1999-2012.	2.6	64
125	Conjugated linoleic acid reduces permeability and fluidity of adipose plasma membranes from obese Zucker rats. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 199-204.	2.1	11
126	The role of blood cell membrane lipids on the mode of action of HIV-1 fusion inhibitor sifuvirtide. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 270-274.	2.1	19

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127	Drug-lipid interaction evaluation: why a 19th century solution?. Trends in Pharmacological Sciences, 2010, 31, 449-454.	8.7	31
128	Atomic Force Microscopy-Based Molecular Recognition of a Fibrinogen Receptor on Human Erythrocytes. ACS Nano, 2010, 4, 4609-4620.	14.6	136
129	Fold-Unfold Transitions in the Selectivity and Mechanism of Action of the N-Terminal Fragment of the Bactericidal/Permeability-Increasing Protein (rBPI21). Biophysical Journal, 2009, 96, 987-996.	0.5	18
130	rBPI21 Promotes Lipopolysaccharide Aggregation and Exerts Its Antimicrobial Effects by (Hemi)fusion of PG-Containing Membranes. PLoS ONE, 2009, 4, e8385.	2.5	69
131	Interaction of peptides with biomembranes assessed by potential-sensitive fluorescent probes. Journal of Peptide Science, 2008, 14, 407-415.	1.4	27
132	Enfuvirtide effects on human erythrocytes and lymphocytes functional properties. Journal of Peptide Science, 2008, 14, 448-454.	1.4	5
133	What can light scattering spectroscopy do for membrane-active peptide studies?. Journal of Peptide Science, 2008, 14, 394-400.	1.4	75
134	Dynamic Light Scattering and Optical Absorption Spectroscopy Study of pH and Temperature Stabilities of the Extracellular Hemoglobin of Glossoscolex paulistus. Biophysical Journal, 2008, 94, 2228-2240.	0.5	52
135	Sifuvirtide Screens Rigid Membrane Surfaces. Establishment of a Correlation between Efficacy and Membrane Domain Selectivity among HIV Fusion Inhibitor Peptides. Journal of the American Chemical Society, 2008, 130, 6215-6223.	13.7	51
136	Probing Surface Properties of Cytochrome <i>c</i> at Au Bionanoconjugates. Journal of Physical Chemistry C, 2008, 112, 16340-16347.	3.1	32
137	Fluorescence spectroscopy evaluation of fibrinogen- ¹²⁵ I-estradiol binding. Journal of Photochemistry and Photobiology B: Biology, 2007, 86, 170-176.	3.8	27
138	Why are HIV-1 fusion inhibitors not effective against SARS-CoV? Biophysical evaluation of molecular interactions. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 55-61.	2.4	12
139	Changes in Blood Cell Membrane Properties in HIV Type-1-Infected Patients. AIDS Research and Human Retroviruses, 2006, 22, 849-853.	1.1	5
140	An Insight on the Leading HIV Entry Inhibitors. Recent Patents on Anti-infective Drug Discovery, 2006, 1, 67-73.	0.8	13
141	Fibrinogen- ¹²⁵ I-Estradiol Binding Studied by Fluorescence Spectroscopy: Denaturation and pH Effects. Journal of Fluorescence, 2006, 16, 207-213.	2.5	9
142	PTEN meets DMSO. Leukemia Research, 2005, 29, 361-362.	0.8	4
143	Gramicidin D and Dithiothreitol Effects on Erythrocyte Exovesiculation. Cell Biochemistry and Biophysics, 2005, 43, 419-430.	1.8	23
144	A colorimetric process to visualize erythrocyte exovesicles aggregates. Biochemistry and Molecular Biology Education, 2004, 32, 250-253.	1.2	6

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145	An overview of the biophysical applications of atomic force microscopy. <i>Biophysical Chemistry</i> , 2004, 107, 133-149.	2.8	198
146	HIV Fusion Inhibitor Peptide T-1249 Is Able To Insert or Adsorb to Lipidic Bilayers. Putative Correlation with Improved Efficiency. <i>Journal of the American Chemical Society</i> , 2004, 126, 14758-14763.	13.7	70
147	Putative role of membranes in the HIV fusion inhibitor enfuvirtide mode of action at the molecular level. <i>Biochemical Journal</i> , 2004, 377, 107-110.	3.7	65
148	Multidisciplinary utilization of dimethyl sulfoxide: pharmacological, cellular, and molecular aspects. <i>Biochemical Pharmacology</i> , 2003, 65, 1035-1041.	4.4	528
149	Evaluation of Lipopolysaccharide Aggregation by Light Scattering Spectroscopy. <i>ChemBioChem</i> , 2003, 4, 96-100.	2.6	132
150	Quantifying molecular partition into model systems of biomembranes: an emphasis on optical spectroscopic methods. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1612, 123-135.	2.6	226
151	Lipossomas: a bala mágica acertou?. <i>Quimica Nova</i> , 2002, 25, 1181-1185.	0.3	15
152	Biochemical, biophysical and haemorheological effects of dimethylsulphoxide on human erythrocyte calcium loading. <i>Cell Calcium</i> , 2002, 31, 183-188.	2.4	25
153	Fluorescent Probes DPH, TMA-DPH and C17-HC Induce Erythrocyte Exovesiculation. <i>Journal of Membrane Biology</i> , 2002, 190, 75-82.	2.1	21
154	Continuous particle size distribution analysis with dynamic light scattering. <i>Journal of Proteomics</i> , 1998, 36, 101-117.	2.4	5
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