

Manuel Prieto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8623299/publications.pdf>

Version: 2024-02-01

200
papers

8,238
citations

50566

48
h-index

66518

82
g-index

209
all docs

209
docs citations

209
times ranked

8417
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Indigenous Resurgence, Identity Politics, and the Anticommodification of Nature: The Chilean Water Market and the Atacameño People. <i>Annals of the American Association of Geographers</i> , 2022, 112, 487-504. | 1.5 | 8 |
| 2 | Laurdan in live cell imaging: Effect of acquisition settings, cell culture conditions and data analysis on generalized polarization measurements. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 228, 112404. | 1.7 | 8 |
| 3 | Bofedal response to climate variability, local management, and water extraction: A case study of Chucuyo, Northern Chile. <i>Journal of Mountain Science</i> , 2022, 19, 241-252. | 0.8 | 1 |
| 4 | On the foundations of fluorescence: The work of Robert W. Cowgill. <i>Archives of Biochemistry and Biophysics</i> , 2022, , 109270. | 1.4 | 0 |
| 5 | The (not-so-free) Chilean water model. The case of the Antofagasta Region, Atacama Desert, Chile. <i>The Extractive Industries and Society</i> , 2022, 11, 101081. | 0.7 | 8 |
| 6 | Toxic violence in marine sacrificial zones: Developing blue justice through marine democracy in Chile. <i>Environment and Planning C: Politics and Space</i> , 2022, 40, 1492-1514. | 1.1 | 1 |
| 7 | Impact of Ca ²⁺ -Induced PI(4,5)P ₂ Clusters on PH-YFP Organization and Protein-Protein Interactions. <i>Biomolecules</i> , 2022, 12, 912. | 1.8 | 0 |
| 8 | Tele-production of miningscapes in the open-pit era: The case of low-grade copper, Bingham Canyon, US and Chuquicamata, Chile (1903-1923). <i>The Extractive Industries and Society</i> , 2021, 8, 100830. | 0.7 | 3 |
| 9 | The geopolitics of presence and absence at the ruins of Fort Henry. <i>Environment and Planning D: Society and Space</i> , 2021, 39, 139-157. | 2.3 | 32 |
| 10 | Equity vs. Efficiency and the Human Right to Water. <i>Water (Switzerland)</i> , 2021, 13, 278. | 1.2 | 10 |
| 11 | Tetraoctylammonium, a Long Chain Quaternary Ammonium Blocker, Promotes a Noncollapsed, Resting-Like Inactivated State in KcsA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 490. | 1.8 | 6 |
| 12 | Limnological response from high-altitude wetlands to the water supply in the Andean Altiplano. <i>Scientific Reports</i> , 2021, 11, 7681. | 1.6 | 2 |
| 13 | 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. | 2.9 | 3 |
| 14 | Urban Heat Islands and Vulnerable Populations in a Mid-Size Coastal City in an Arid Environment. <i>Atmosphere</i> , 2021, 12, 917. | 1.0 | 4 |
| 15 | Lipid Hydroperoxide Compromises the Membrane Structure Organization and Softens Bending Rigidity. <i>Langmuir</i> , 2021, 37, 9952-9963. | 1.6 | 16 |
| 16 | The long chain base unsaturation has a stronger impact on 1-deoxy(methyl)-sphingolipids biophysical properties than the structure of its C1 functional group. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183628. | 1.4 | 4 |
| 17 | Membrane binding properties of the C-terminal segment of retinol dehydrogenase 8. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183605. | 1.4 | 3 |
| 18 | Understanding Bofedales as Cultural Landscapes in the Central Andes. <i>Wetlands</i> , 2021, 41, 1. | 0.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nature Is for Trees, Culture Is for Humans: A Critical Reading of the IPCC Report. Sustainability, 2021, 13, 11903. | 1.6 | 2 |
| 20 | Quantitative FRET Microscopy Reveals a Crucial Role of Cytoskeleton in Promoting PI(4,5)P2 Confinement. International Journal of Molecular Sciences, 2021, 22, 11727. | 1.8 | 1 |
| 21 | Probing the Structural Dynamics of the Activation Gate of KcsA Using Homo-FRET Measurements. International Journal of Molecular Sciences, 2021, 22, 11954. | 1.8 | 6 |
| 22 | Mining, Urban Growth, and Agrarian Changes in the Atacama Desert: The Case of the Calama Oasis in Northern Chile. Land, 2021, 10, 1262. | 1.2 | 6 |
| 23 | Neutral Diclofenac Causes Remarkable Changes in Phosphatidylcholine Bilayers: Relevance for Gastric Toxicity Mechanisms. Molecular Pharmacology, 2020, 97, 295-303. | 1.0 | 6 |
| 24 | Canonical and 1-Deoxy(methyl) Sphingoid Bases: Tackling the Effect of the Lipid Structure on Membrane Biophysical Properties. Langmuir, 2020, 36, 6007-6016. | 1.6 | 5 |
| 25 | Lipid domain formation and membrane shaping by C24-ceramide. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183400. | 1.4 | 11 |
| 26 | Pulmonary surfactant protein SP-B nanorings induce the multilamellar organization of surfactant complexes. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183216. | 1.4 | 18 |
| 27 | Production of subterranean resources in the Atacama Desert: 19th and early 20th century mining/water extraction in The Taltal district, northern Chile. Political Geography, 2020, 81, 102194. | 1.3 | 55 |
| 28 | Human importin $\beta 3$ and its N-terminal truncated form, without the importin- $\beta 2$ -binding domain, are oligomeric species with a low conformational stability in solution. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129609. | 1.1 | 11 |
| 29 | Chilote tipo salmón: Relaciones entre modificación de la naturaleza y procesos de producción identitaria El caso de la región de Los Lagos y la industria salmonera. Estudios Atacamenos, 2020, , 383-402. | 0.3 | 3 |
| 30 | The protection of the mountain ecosystems of the Southern Central Andes: tensions between Aymara herding practices and conservation policies. Eco Mont, 2020, 13, 22-30. | 0.1 | 1 |
| 31 | Fluorescence Resonance Energy Transfer as a Tool for Quantification of Protein-Lipid Selectivity. Methods in Molecular Biology, 2019, 2003, 369-382. | 0.4 | 1 |
| 32 | Measuring the Impact of Bile Acids on the Membrane Order of Primary Hepatocytes and Isolated Mitochondria by Fluorescence Imaging and Spectroscopy. Methods in Molecular Biology, 2019, 1981, 99-115. | 0.4 | 1 |
| 33 | Conformational plasticity in the KcsA potassium channel pore helix revealed by homo-FRET studies. Scientific Reports, 2019, 9, 6215. | 1.6 | 19 |
| 34 | The C-terminal SAM domain of p73 binds to the N terminus of MDM2. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 760-770. | 1.1 | 11 |
| 35 | Nuevas aproximaciones teóricas a las regiones-commodity desde la ecología política. Eure, 2019, 45, 153-176. | 0.3 | 10 |
| 36 | Homo- and hetero-oligomerization of hydrophobic pulmonary surfactant proteins SP-B and SP-C in surfactant phospholipid membranes. Journal of Biological Chemistry, 2018, 293, 9399-9411. | 1.6 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Biophysical study of human induced Pluripotent Stem Cell-Derived cardiomyocyte structural maturation during long-term culture. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 611-617. | 1.0 | 35 |
| 38 | Novel hybrids of graphitic carbon nitride sensitized with free-base meso-tetrakis(carboxyphenyl) porphyrins for efficient visible light photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 56-69. | 10.8 | 136 |
| 39 | Insights into gold nanoparticles as a mucoadhesive system. <i>Scientific Reports</i> , 2018, 8, 14357. | 1.6 | 32 |
| 40 | A scale out approach towards neural induction of human induced pluripotent stem cells for neurodevelopmental toxicity studies. <i>Toxicology Letters</i> , 2018, 294, 51-60. | 0.4 | 15 |
| 41 | β-Cyclodextrin as a Precursor to Holey C ₃ N ₄ Nanosheets for Photocatalytic Hydrogen Generation. <i>ChemSusChem</i> , 2018, 11, 2681-2694. | 3.6 | 92 |
| 42 | The combination of block copolymers and phospholipids to form giant hybrid unilamellar vesicles (GHUVs) does not systematically lead to intermediate membrane properties. <i>Soft Matter</i> , 2018, 14, 6476-6484. | 1.2 | 20 |
| 43 | Mixing Block Copolymers with Phospholipids at the Nanoscale: From Hybrid Polymer/Lipid Wormlike Micelles to Vesicles Presenting Lipid Nanodomains. <i>Langmuir</i> , 2017, 33, 1705-1715. | 1.6 | 75 |
| 44 | Pathological levels of glucosylceramide change the biophysical properties of artificial and cell membranes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 340-346. | 1.3 | 28 |
| 45 | Modulation of phase separation at the micron scale and nanoscale in giant polymer/lipid hybrid unilamellar vesicles (GHUVs). <i>Soft Matter</i> , 2017, 13, 627-637. | 1.2 | 57 |
| 46 | Membrane Order Is a Key Regulator of Divalent Cation-Induced Clustering of PI(3,5)P ₂ and PI(4,5)P ₂ . <i>Langmuir</i> , 2017, 33, 12463-12477. | 1.6 | 13 |
| 47 | Membrane properties of giant polymer and lipid vesicles obtained by electroformation and pva gel-assisted hydration methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 533, 347-353. | 2.3 | 38 |
| 48 | El Riego que el Mercado no Quiere Ver: Historia del Despojo Hídrico en las Comunidades de Lasana y Chiu-Chiu (Desierto de Atacama, Chile). <i>Journal of Latin American Geography</i> , 2017, 16, 69-91. | 0.0 | 20 |
| 49 | Accurate quantification of inter-domain partition coefficients in GUVs exhibiting lipid phase coexistence. <i>RSC Advances</i> , 2016, 6, 66641-66649. | 1.7 | 5 |
| 50 | <i>Andean Waterways: Resource Politics in Highland Peru</i> . Mattias Borg Rasmussen. Seattle: University of Washington Press, 2015, 232 pp. \$30.00, paper. ISBN 978-0-295-99493-2. <i>Journal of Anthropological Research</i> , 2016, 72, 374-375. | 0.1 | 0 |
| 51 | Bringing water markets down to Chile's Atacama Desert. <i>Water International</i> , 2016, 41, 191-212. | 0.4 | 25 |
| 52 | Glucosylceramide Reorganizes Cholesterol-Containing Domains in a Fluid Phospholipid Membrane. <i>Biophysical Journal</i> , 2016, 110, 612-622. | 0.2 | 24 |
| 53 | Privatizing Water in the Chilean Andes: The Case of Las Vegas de Chiu-Chiu. <i>Mountain Research and Development</i> , 2015, 35, 220-229. | 0.4 | 73 |
| 54 | Phase Separation and Nanodomain Formation in Hybrid Polymer/Lipid Vesicles. <i>ACS Macro Letters</i> , 2015, 4, 182-186. | 2.3 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Electrostatically driven lipid-protein interaction: Answers from FRET. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1837-1848. | 1.4 | 13 |
| 56 | Deoxycholic acid modulates cell death signaling through changes in mitochondrial membrane properties. <i>Journal of Lipid Research</i> , 2015, 56, 2158-2171. | 2.0 | 36 |
| 57 | Time-Resolved Fluorescence in Lipid Bilayers: Selected Applications and Advantages over Steady State. <i>Biophysical Journal</i> , 2014, 107, 2751-2760. | 0.2 | 69 |
| 58 | Ca ²⁺ induces PI(4,5)P ₂ clusters on lipid bilayers at physiological PI(4,5)P ₂ and Ca ²⁺ concentrations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 822-830. | 1.4 | 47 |
| 59 | Ceramide: A simple sphingolipid with unique biophysical properties. <i>Progress in Lipid Research</i> , 2014, 54, 53-67. | 5.3 | 290 |
| 60 | Electrostatically driven lipid-lysozyme mixed fibers display a multilamellar structure without amyloid features. <i>Soft Matter</i> , 2014, 10, 840-850. | 1.2 | 7 |
| 61 | Influence of Intracellular Membrane pH on Sphingolipid Organization and Membrane Biophysical Properties. <i>Langmuir</i> , 2014, 30, 4094-4104. | 1.6 | 12 |
| 62 | Exploring homo-FRET to quantify the oligomer stoichiometry of membrane-bound proteins involved in a cooperative partition equilibrium. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18105-18117. | 1.3 | 23 |
| 63 | Modeling FRET to investigate the selectivity of lactose permease of <i>Escherichia coli</i> for lipids. <i>Molecular Membrane Biology</i> , 2014, 31, 120-130. | 2.0 | 7 |
| 64 | Changes in membrane biophysical properties induced by sphingomyelinase depend on the sphingolipid N-acyl chain. <i>Journal of Lipid Research</i> , 2014, 55, 53-61. | 2.0 | 51 |
| 65 | Quantifying Lipid-Protein Interaction by Fluorescence Correlation Spectroscopy (FCS). <i>Methods in Molecular Biology</i> , 2014, 1076, 575-595. | 0.4 | 10 |
| 66 | Fluorescence Detection of Lipid-Induced Oligomeric Intermediates Involved in Lysozyme Amyloid-Like Fiber Formation Driven by Anionic Membranes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2906-2917. | 1.2 | 8 |
| 67 | Edelfosine and Miltefosine Effects on Lipid Raft Properties: Membrane Biophysics in Cell Death by Antitumor Lipids. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7929-7940. | 1.2 | 44 |
| 68 | A combined fluorescence spectroscopy, confocal and 2-photon microscopy approach to re-evaluate the properties of sphingolipid domains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2099-2110. | 1.4 | 38 |
| 69 | The Apoptotic Bile Acid DCA has Preference for Association to Liquid Disordered Lipid Domains and Inhibits the Rigidifying Effect of Cholesterol in Membranes. <i>Biophysical Journal</i> , 2013, 104, 586a. | 0.2 | 0 |
| 70 | Physiological Calcium Concentrations Induce PI(4,5)P ₂ Clustering: PI(4,5)P ₂ as a Lipidic Calcium Sensor. <i>Biophysical Journal</i> , 2013, 104, 372a. | 0.2 | 0 |
| 71 | Effect of glucosylceramide on the biophysical properties of fluid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1122-1130. | 1.4 | 32 |
| 72 | Förster Resonance Energy Transfer as a Tool for Quantification of Protein-Lipid Selectivity. <i>Methods in Molecular Biology</i> , 2013, 974, 219-232. | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Phospholipid-Lactose Permease Interaction As Reported by a Head-Labeled Pyrene Phosphatidylethanolamine: A FRET Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6741-6748. | 1.2 | 6 |
| 74 | Cytotoxic bile acids, but not cytoprotective species, inhibit the ordering effect of cholesterol in model membranes at physiologically active concentrations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2152-2163. | 1.4 | 36 |
| 75 | Fluorescence and FRET in Membranes. , 2013, , 779-784. | | 0 |
| 76 | Hydroelectric power generation in Chile: an institutional critique of the neutrality of market mechanisms. <i>Water International</i> , 2012, 37, 131-146. | 0.4 | 35 |
| 77 | Ablation of ceramide synthase 2 strongly affects biophysical properties of membranes. <i>Journal of Lipid Research</i> , 2012, 53, 430-436. | 2.0 | 62 |
| 78 | Reorganization of lipid domain distribution in giant unilamellar vesicles upon immobilization with different membrane tethers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2605-2615. | 1.4 | 38 |
| 79 | High Affinity Immobilization of Giant Unilamellar Vesicles (GUVs) Induces Redistribution of Lipid Domains. <i>Biophysical Journal</i> , 2012, 102, 295a. | 0.2 | 0 |
| 80 | Immobilization and characterization of giant unilamellar vesicles (GUVs) within porous silica glasses. <i>Soft Matter</i> , 2012, 8, 408-417. | 1.2 | 18 |
| 81 | Membrane Protein-Lipid Selectivity: Enhancing Sensitivity for Modeling FRET Data. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2438-2445. | 1.2 | 12 |
| 82 | Topology and lipid selectivity of pulmonary surfactant protein SP-B in membranes: Answers from fluorescence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1717-1725. | 1.4 | 29 |
| 83 | Lateral Membrane Heterogeneity Probed by FRET Spectroscopy and Microscopy. <i>Springer Series on Fluorescence</i> , 2012, , 71-113. | 0.8 | 1 |
| 84 | Exploring Fluorescence Lifetime and Homo-FRET Measurements to Monitor Lysozyme Oligomerization in Anionic Lipid Membranes: Relation to α -Amyloid-Like Fibril Formation. <i>Biophysical Journal</i> , 2012, 102, 433a-434a. | 0.2 | 1 |
| 85 | The photophysics of a Rhodamine head labeled phospholipid in the identification and characterization of membrane lipid phases. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 311-319. | 1.5 | 30 |
| 86 | Methylation of glycosylated sphingolipid modulates membrane lipid topography and pathogenicity of <i>Cryptococcus neoformans</i> . <i>Cellular Microbiology</i> , 2012, 14, 500-516. | 1.1 | 67 |
| 87 | Advanced FRET Methodologies: Protein-Lipid Selectivity Detection and Quantification. <i>Advances in Experimental Medicine and Biology</i> , 2012, 749, 171-185. | 0.8 | 1 |
| 88 | Organization and Dynamics of Fas Transmembrane Domain in Raft Membranes and Modulation by Ceramide. <i>Biophysical Journal</i> , 2011, 101, 1632-1641. | 0.2 | 23 |
| 89 | The effect of variable liposome brightness on quantifying lipid-protein interactions using fluorescence correlation spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2559-2568. | 1.4 | 35 |
| 90 | Fluorescence methods for lipoplex characterization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2694-2705. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Effect of ceramide structure on membrane biophysical properties: The role of acyl chain length and unsaturation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2753-2760. | 1.4 | 172 |
| 92 | FRET in membrane biophysics: an overview. <i>Frontiers in Physiology</i> , 2011, 2, 82. | 1.3 | 97 |
| 93 | FRET studies of lipid-protein aggregates related to amyloid-like fibers. <i>Journal of Neurochemistry</i> , 2011, 116, 696-701. | 2.1 | 8 |
| 94 | Making environmental law for the market: the emergence, character, and implications of Chile's environmental regime. <i>Environmental Politics</i> , 2011, 20, 879-898. | 3.4 | 94 |
| 95 | Quantification of protein-lipid selectivity using FRET. <i>European Biophysics Journal</i> , 2010, 39, 565-578. | 1.2 | 40 |
| 96 | Membrane microheterogeneity: Förster resonance energy transfer characterization of lateral membrane domains. <i>European Biophysics Journal</i> , 2010, 39, 589-607. | 1.2 | 33 |
| 97 | A Critical Role for Ceramide Synthase 2 in Liver Homeostasis. <i>Journal of Biological Chemistry</i> , 2010, 285, 10902-10910. | 1.6 | 213 |
| 98 | Cholesterol-Rich Fluid Membranes Solubilize Ceramide Gel Domains. Implications for the Organization of Mammalian Membranes. <i>Biophysical Journal</i> , 2010, 98, 230a. | 0.2 | 1 |
| 99 | Lipid Raft Composition Modulates Sphingomyelinase Activity and Ceramide-Induced Membrane Physical Alterations. <i>Biophysical Journal</i> , 2010, 98, 205a. | 0.2 | 0 |
| 100 | LFampin Derived Antimicrobial Peptide: Biophysical Characterization and Biological Implications of Composition and Structure. <i>Biophysical Journal</i> , 2010, 98, 84a. | 0.2 | 0 |
| 101 | Lactose permease lipid selectivity using Förster resonance energy transfer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1707-1713. | 1.4 | 17 |
| 102 | Lateral Distribution of the Transmembrane Domain of Influenza Virus Hemagglutinin Revealed by Time-resolved Fluorescence Imaging. <i>Journal of Biological Chemistry</i> , 2009, 284, 15708-15716. | 1.6 | 73 |
| 103 | Cholesterol-rich Fluid Membranes Solubilize Ceramide Domains. <i>Journal of Biological Chemistry</i> , 2009, 284, 22978-22987. | 1.6 | 127 |
| 104 | Membrane lipid domains and rafts: current applications of fluorescence lifetime spectroscopy and imaging. <i>Chemistry and Physics of Lipids</i> , 2009, 157, 61-77. | 1.5 | 125 |
| 105 | FRET analysis of domain formation and properties in complex membrane systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 209-224. | 1.4 | 46 |
| 106 | Lipid Raft Composition Modulates Sphingomyelinase Activity and Ceramide-Induced Membrane Physical Alterations. <i>Biophysical Journal</i> , 2009, 96, 3210-3222. | 0.2 | 87 |
| 107 | Interaction of a peptide corresponding to the loop domain of the S2 SARS-CoV virus protein with model membranes. <i>Molecular Membrane Biology</i> , 2009, 26, 236-248. | 2.0 | 9 |
| 108 | Interactions of Ceramide and Sphingomyelin Quantified in Mixtures with an Unsaturated Phosphatidylcholine. <i>Biophysical Journal</i> , 2009, 96, 355a-356a. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Characterization of Peptide-Induced Morphological Alterations in Membranes by Fluorescence Resonance Energy Transfer. <i>Protein and Peptide Letters</i> , 2009, 16, 726-735. | 0.4 | 3 |
| 110 | Effect of ionic strength and presence of serum on lipoplexes structure monitored by FRET. <i>BMC Biotechnology</i> , 2008, 8, 20. | 1.7 | 21 |
| 111 | Membrane-bound peptides from V α ATPase subunit <i>do not interact with an indole-type inhibitor</i> . <i>Journal of Peptide Science</i> , 2008, 14, 383-388. | 0.8 | 8 |
| 112 | Structural and Dynamic Characterization of the Interaction of the Putative Fusion Peptide of the S2 SARS-CoV Virus Protein with Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6997-7007. | 1.2 | 29 |
| 113 | Role of Helix 0 of the N-BAR Domain in Membrane Curvature Generation. <i>Biophysical Journal</i> , 2008, 94, 3065-3073. | 0.2 | 58 |
| 114 | Energetics and Partition of Two Cecropin-Melittin Hybrid Peptides to Model Membranes of Different Composition. <i>Biophysical Journal</i> , 2008, 94, 2128-2141. | 0.2 | 43 |
| 115 | Membrane Domain Formation, Interdigitation, and Morphological Alterations Induced by the Very Long Chain Asymmetric C24:1 Ceramide. <i>Biophysical Journal</i> , 2008, 95, 2867-2879. | 0.2 | 104 |
| 116 | Pinched Multilamellar Structure of Aggregates of Lysozyme and Phosphatidylserine-Containing Membranes Revealed by FRET. <i>Biophysical Journal</i> , 2008, 95, 4726-4736. | 0.2 | 27 |
| 117 | Phase diagrams of lipid mixtures relevant to the study of membrane rafts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 665-684. | 1.2 | 186 |
| 118 | Effect of Sol ^g Gel Confinement on the Structural Dynamics of the Enzyme Bovine Cu,Zn Superoxide Dismutase. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15021-15028. | 1.2 | 10 |
| 119 | Is There a Preferential Interaction between Cholesterol and Tryptophan Residues in Membrane Proteins?. <i>Biochemistry</i> , 2008, 47, 2638-2649. | 1.2 | 26 |
| 120 | Ciprofloxacin interactions with bacterial protein OmpF: Modelling of FRET from a multi-tryptophan protein trimer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2822-2830. | 1.4 | 33 |
| 121 | Dynamics of Tryptophan in the Histidine-Containing Phosphocarrier Protein of <i>Streptomyces coelicolor</i> : Evidence of Multistate Equilibrium Unfolding. <i>Biochemistry</i> , 2007, 46, 7252-7260. | 1.2 | 8 |
| 122 | Ceramide-Domain Formation and Collapse in Lipid Rafts: Membrane Reorganization by an Apoptotic Lipid. <i>Biophysical Journal</i> , 2007, 92, 502-516. | 0.2 | 169 |
| 123 | Complexity of Lipid Domains and Rafts in Giant Unilamellar Vesicles Revealed by Combining Imaging and Microscopic and Macroscopic Time-Resolved Fluorescence. <i>Biophysical Journal</i> , 2007, 93, 539-553. | 0.2 | 125 |
| 124 | Formation of Ceramide/Sphingomyelin Gel Domains in the Presence of an Unsaturated Phospholipid: A Quantitative Multiprobe Approach. <i>Biophysical Journal</i> , 2007, 93, 1639-1650. | 0.2 | 118 |
| 125 | Resonance Energy Transfer in Biophysics: Formalisms and Application to Membrane Model Systems. <i>Springer Series on Fluorescence</i> , 2007, , 299-322. | 0.8 | 0 |
| 126 | Structural characterization of pulmonary surfactant protein SP-B in model membranes by fluorescence spectroscopy. <i>Chemistry and Physics of Lipids</i> , 2007, 149, S12-S13. | 1.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Interaction of S413-PV cell penetrating peptide with model membranes: relevance to peptide translocation across biological membranes. <i>Journal of Peptide Science</i> , 2007, 13, 301-313. | 0.8 | 23 |
| 128 | Liposome complexation efficiency monitored by FRET: effect of charge ratio, helper lipid and plasmid size. <i>European Biophysics Journal</i> , 2007, 36, 609-620. | 1.2 | 11 |
| 129 | Fluorescence Resonance Energy Transfer to Characterize Cholesterol-Induced Domains. <i>Methods in Molecular Biology</i> , 2007, 400, 489-501. | 0.4 | 4 |
| 130 | Ceramide-platform formation and -induced biophysical changes in a fluid phospholipid membrane. <i>Molecular Membrane Biology</i> , 2006, 23, 137-148. | 2.0 | 119 |
| 131 | Competitive Binding of Cholesterol and Ergosterol to the Polyene Antibiotic Nystatin. A Fluorescence Study. <i>Biophysical Journal</i> , 2006, 90, 3625-3631. | 0.2 | 47 |
| 132 | Structural Effects of a Basic Peptide on the Organization of Dipalmitoylphosphatidylcholine/Dipalmitoylphosphatidylserine Membranes: A Fluorescent Resonance Energy Transfer Study. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8130-8141. | 1.2 | 27 |
| 133 | Interaction of the Indole Class of Vacuolar H ⁺ -ATPase Inhibitors with Lipid Bilayers. <i>Biochemistry</i> , 2006, 45, 5271-5279. | 1.2 | 5 |
| 134 | Cellular uptake of S413-PV peptide occurs upon conformational changes induced by peptide-membrane interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 336-346. | 1.4 | 29 |
| 135 | Nystatin-induced lipid vesicles permeabilization is strongly dependent on sterol structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 452-459. | 1.4 | 31 |
| 136 | Binding assays of inhibitors towards selected V-ATPase domains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1777-1786. | 1.4 | 13 |
| 137 | Absence of clustering of phosphatidylinositol-(4,5)-bisphosphate in fluid phosphatidylcholine. <i>Journal of Lipid Research</i> , 2006, 47, 1521-1525. | 2.0 | 37 |
| 138 | Structure and dynamics of the M4 transmembrane domain of the acetylcholine receptor in lipid bilayers: insights into receptor assembly and function. <i>Molecular Membrane Biology</i> , 2006, 23, 305-315. | 2.0 | 21 |
| 139 | From Lipid Phases to Membrane Protein Organization: Fluorescence Methodologies in the Study of Lipid-Protein Interactions. <i>Springer Series in Biophysics</i> , 2006, , 1-33. | 0.4 | 1 |
| 140 | Photophysical Behavior of a Dimeric Cyanine Dye (BOBO-1) Within Cationic Liposomes. <i>Photochemistry and Photobiology</i> , 2005, 81, 1450. | 1.3 | 6 |
| 141 | Interaction of a Peptide Derived from the N-Heptad Repeat Region of gp41 Env Ectodomain with Model Membranes. Modulation of Phospholipid Phase Behavior. <i>Biochemistry</i> , 2005, 44, 14275-14288. | 1.2 | 27 |
| 142 | Application of Fluorescence to Understand the Interaction of Peptides with Binary Lipid Membranes. <i>Reviews in Fluorescence</i> , 2005, , 271-323. | 0.5 | 2 |
| 143 | Lipid Rafts have Different Sizes Depending on Membrane Composition: A Time-resolved Fluorescence Resonance Energy Transfer Study. <i>Journal of Molecular Biology</i> , 2005, 346, 1109-1120. | 2.0 | 288 |
| 144 | Quantification of Protein-Lipid Selectivity using FRET: Application to the M13 Major Coat Protein. <i>Biophysical Journal</i> , 2004, 87, 344-352. | 0.2 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Cholesterol and Ergosterol Influence Nystatin Surface Aggregation: Relation to Pore Formation. <i>Biophysical Journal</i> , 2004, 87, 3264-3276. | 0.2 | 59 |
| 146 | Cholesterol Modulates the Organization of the \hat{I}^3M4 Transmembrane Domain of the Muscle Nicotinic Acetylcholine Receptor. <i>Biophysical Journal</i> , 2004, 86, 2261-2272. | 0.2 | 46 |
| 147 | Solution conformation of a nitrobenzoxadiazole derivative of the polyene antibiotic nystatin: a FRET study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2003, 72, 17-26. | 1.7 | 3 |
| 148 | Interaction of peptides with binary phospholipid membranes: application of fluorescence methodologies. <i>Chemistry and Physics of Lipids</i> , 2003, 122, 77-96. | 1.5 | 34 |
| 149 | Intrinsic Tyrosine Fluorescence as a Tool To Study the Interaction of the Shaker B \hat{a} Peptide with Anionic Membranes. <i>Biochemistry</i> , 2003, 42, 7124-7132. | 1.2 | 47 |
| 150 | Conformation and self-assembly of a nystatin nitrobenzoxadiazole derivative in lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1617, 69-79. | 1.4 | 9 |
| 151 | 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. | 1.4 | 226 |
| 152 | Sphingomyelin/Phosphatidylcholine/Cholesterol Phase Diagram: Boundaries and Composition of Lipid Rafts. <i>Biophysical Journal</i> , 2003, 85, 2406-2416. | 0.2 | 796 |
| 153 | Dependence of M13 Major Coat Protein Oligomerization and Lateral Segregation on Bilayer Composition. <i>Biophysical Journal</i> , 2003, 85, 2430-2441. | 0.2 | 42 |
| 154 | Characterization of DNA/Lipid Complexes by Fluorescence Resonance Energy Transfer. <i>Biophysical Journal</i> , 2003, 85, 3106-3119. | 0.2 | 44 |
| 155 | Interaction of rifampicin and isoniazid with large unilamellar liposomes: spectroscopic location studies. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1620, 151-159. | 1.1 | 56 |
| 156 | Cooperative Partition Model of Nystatin Interaction with Phospholipid Vesicles. <i>Biophysical Journal</i> , 2003, 84, 3061-3078. | 0.2 | 63 |
| 157 | Methodologies and formalisms of resonance energy transfer in biophysics. Application to membrane model systems. <i>International Journal of Photoenergy</i> , 2003, 5, 223-231. | 1.4 | 2 |
| 158 | Nonequilibrium Phenomena in the Phase Separation of a Two-Component Lipid Bilayer. <i>Biophysical Journal</i> , 2002, 82, 823-834. | 0.2 | 76 |
| 159 | Fluid Fluid Membrane Microheterogeneity: A Fluorescence Resonance Energy Transfer Study. <i>Biophysical Journal</i> , 2001, 80, 776-788. | 0.2 | 118 |
| 160 | Interaction of \hat{I}^{\pm} -Melanocyte Stimulating Hormone with Binary Phospholipid Membranes: Structural Changes and Relevance of Phase Behavior. <i>Biophysical Journal</i> , 2001, 80, 2273-2283. | 0.2 | 34 |
| 161 | A photophysical study of the polyene antibiotic filipin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1510, 125-135. | 1.4 | 12 |
| 162 | Exclusion of a cholesterol analog from the cholesterol-rich phase in model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1511, 236-243. | 1.4 | 73 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Oriental Order of the Polyene Fatty Acid Membrane Probetrans-Parinaric Acid in Langmuir-Blodgett Multilayer Films. <i>Journal of Physical Chemistry B</i> , 2001, 105, 562-568. | 1.2 | 12 |
| 164 | Detection and Characterization of Membrane Microheterogeneity by Resonance Energy Transfer. <i>Journal of Fluorescence</i> , 2001, 11, 197-209. | 1.3 | 29 |
| 165 | Modification of plasma membrane lipid order and H ⁺ -ATPase activity as part of the response of <i>Saccharomyces cerevisiae</i> to cultivation under mild and high copper stress. <i>Archives of Microbiology</i> , 2000, 173, 262-268. | 1.0 | 20 |
| 166 | Topography of Nicotinic Acetylcholine Receptor Membrane-embedded Domains. <i>Journal of Biological Chemistry</i> , 2000, 275, 37333-37339. | 1.6 | 65 |
| 167 | Partition of membrane probes in a gel/fluid two-component lipid system: a fluorescence resonance energy transfer study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 101-112. | 1.4 | 63 |
| 168 | A fluorescence study of the interaction and location of (+)-totarol, a diterpenoid bioactive molecule, in model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1509, 167-175. | 1.4 | 26 |
| 169 | Membrane Probe Distribution Heterogeneity: A Resonance Energy Transfer Study. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6920-6931. | 1.2 | 47 |
| 170 | Resonance Energy Transfer in Heterogeneous Planar and Bilayer Systems: Theory and Simulation. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6911-6919. | 1.2 | 27 |
| 171 | The pentaene macrolide antibiotic filipin prefers more rigid DPPC bilayers: a fluorescence pressure dependence study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1419, 1-14. | 1.4 | 14 |
| 172 | Fluorescence quenching data interpretation in biological systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1373, 1-16. | 1.4 | 80 |
| 173 | Filipin-Induced Lesions in Planar Phospholipid Bilayers Imaged by Atomic Force Microscopy. <i>Biophysical Journal</i> , 1998, 75, 1869-1873. | 0.2 | 55 |
| 174 | Interaction of the Major Epitope Region of HIV Protein gp41 with Membrane Model Systems. A Fluorescence Spectroscopy Study. <i>Biochemistry</i> , 1998, 37, 8674-8682. | 1.2 | 89 |
| 175 | Dehydroergosterol structural organization in aqueous medium and in a model system of membranes. <i>Biophysical Journal</i> , 1997, 72, 2226-2236. | 0.2 | 61 |
| 176 | Structural characterization (shape and dimensions) and stability of polysaccharide/lipid nanoparticles. , 1997, 41, 511-520. | | 17 |
| 177 | Structural characterization of organized systems of polysaccharides and phospholipids by light scattering spectroscopy and electron microscopy. <i>Carbohydrate Research</i> , 1997, 300, 31-40. | 1.1 | 7 |
| 178 | Resonance energy transfer in a model system of membranes: application to gel and liquid crystalline phases. <i>Biophysical Journal</i> , 1996, 71, 1823-1836. | 0.2 | 93 |
| 179 | The transverse location of the fluorescent probe trans-parinaric acid in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1279, 164-168. | 1.4 | 32 |
| 180 | Filipin fluorescence quenching by spin-labeled probes: studies in aqueous solution and in a membrane model system. <i>Biophysical Journal</i> , 1995, 69, 155-168. | 0.2 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Self-association of the polyene antibiotic nystatin in dipalmitoylphosphatidylcholine vesicles: a time-resolved fluorescence study. <i>Biophysical Journal</i> , 1995, 69, 2541-2557. | 0.2 | 89 |
| 182 | Fluorescence study of a derivatized diacylglycerol incorporated in model membranes. <i>Chemistry and Physics of Lipids</i> , 1994, 69, 75-85. | 1.5 | 28 |
| 183 | Filipin and its interaction with cholesterol in aqueous media studied using static and dynamic light scattering. <i>Biopolymers</i> , 1994, 34, 447-456. | 1.2 | 7 |
| 184 | INTERACTION OF THE PEPTIDE HORMONE ADRENOCORTICOTROPIC ACTH(I-24), WITH A MEMBRANE MODEL SYSTEM: A FLUORESCENCE STUDY. <i>Photochemistry and Photobiology</i> , 1993, 57, 431-437. | 1.3 | 22 |
| 185 | Ribonuclease T1 and alcohol dehydrogenase fluorescence quenching by acrylamide: A laboratory experiment for undergraduate students. <i>Journal of Chemical Education</i> , 1993, 70, 425. | 1.1 | 118 |
| 186 | Picosecond electronic energy-transfer studies in sodium dodecyl sulfate micelles. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 255. | 1.7 | 14 |
| 187 | Rod-like cholesterol micelles in aqueous solution studied using polarized and depolarized dynamic light scattering. <i>Biophysical Journal</i> , 1992, 63, 1455-1461. | 0.2 | 35 |
| 188 | Fluorescence study of the macrolide pentaene antibiotic filipin in aqueous solution and in a model system of membranes. <i>FEBS Journal</i> , 1992, 207, 125-134. | 0.2 | 32 |
| 189 | Excited-state intramolecular relaxation of the lipophilic probe 12-(9-anthroyloxy)stearic acid. <i>The Journal of Physical Chemistry</i> , 1991, 95, 5471-5475. | 2.9 | 17 |
| 190 | Location and interaction of N-(9-anthroyloxy)-stearic acid probes incorporated in phosphatidylcholine vesicles. <i>Chemistry and Physics of Lipids</i> , 1991, 59, 9-16. | 1.5 | 33 |
| 191 | Dibucaine interaction with phospholipid vesicles. A resonance energy-transfer study. <i>FEBS Journal</i> , 1990, 189, 387-393. | 0.2 | 17 |
| 192 | A comment on the localization of cyanine dye binding to brush-border membranes by the fluorescence quenching of n-(9-anthroyloxy) fatty acid probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1026, 133-134. | 1.4 | 4 |
| 193 | Localization of α -Tocopherol in Membranes. <i>Annals of the New York Academy of Sciences</i> , 1989, 570, 109-120. | 1.8 | 61 |
| 194 | Fluorescence study of the location and dynamics of α -tocopherol in phospholipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 985, 26-32. | 1.4 | 50 |
| 195 | PHOTOPHYSICAL BEHAVIOUR OF 5-METHOXYPsorALEN IN DIOXANE-WATER MIXTURES. <i>Photochemistry and Photobiology</i> , 1988, 48, 429-437. | 1.3 | 21 |
| 196 | Structural information on probe solubilization in micelles by FTIR spectroscopy. <i>Journal of Colloid and Interface Science</i> , 1988, 124, 233-237. | 5.0 | 5 |
| 197 | Monte Carlo simulation of orientational effects on direct energy transfer. <i>Journal of Chemical Physics</i> , 1988, 88, 6341-6349. | 1.2 | 27 |
| 198 | Energy transfer in spherical geometry. Application to micelles. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1987, 83, 1391. | 1.1 | 65 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | La Cuesti3n agraria y el cobre en la Provincia de El Loa (1929/30 â€“ 2006/07). Andes centro-sur, norte de Chile. Estudios Atacamenos, 0, , . | 0.3 | 2 |
| 200 | Fluorescence Resonance Energy Transfer to Characterize Cholesterol-Induced Domains. , 0, , 489-502. | | 0 |