# M Pilar Lillo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1716519/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 43 papers | 1,368 citations | 304602 22 h-index | 330025 37 g-index |
| 45 all docs | 45 docs citations | 45 times ranked | 1773 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dynamic cellular maps of molecular species: Application to drug-target interactions. Scientific Reports, 2018, 8, 1140. | 1.6 | 5 |
| 2 | Supramolecular zippers elicit interbilayer adhesion of membranes producing cell death. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2824-2834. | 1.1 | 6 |
| 3 | Translation Elongation Factor eEF1A2 is a Novel Anticancer Target for the Marine Natural Product Plitidepsin. Scientific Reports, 2016, 6, 35100. | 1.6 | 71 |
| 4 | Two-Photon Fluorescence Anisotropy Imaging to Elucidate the Dynamics and the Stability of Immobilized Proteins. Journal of Physical Chemistry B, 2016, 120, 485-491. | 1.2 | 16 |
| 5 | Elisidepsin Interacts Directly with Glycosylceramides in the Plasma Membrane of Tumor Cells to Induce Necrotic Cell Death. PLoS ONE, 2015, 10, e0140782. | 1.1 | 14 |
| 6 | Thermomechanical Transitions of Egg-Ceramide Monolayers. Langmuir, 2015, 31, 3912-3918. | 1.6 | 9 |
| 7 | Directed, Strong, and Reversible Immobilization of Proteins Tagged with a Î²-Trefoil Lectin Domain: A Simple Method to Immobilize Biomolecules on Plain Agarose Matrixes. Bioconjugate Chemistry, 2012, 23, 565-573. | 1.8 | 20 |
| 8 | Irvalec Inserts into the Plasma Membrane Causing Rapid Loss of Integrity and Necrotic Cell Death in Tumor Cells. PLoS ONE, 2011, 6, e19042. | 1.1 | 26 |
| 9 | Endocannabinoids and cannabinoid analogues block cardiac hKv1.5 channels in a cannabinoid receptor-independent manner. Cardiovascular Research, 2010, 85, 56-67. | 1.8 | 48 |
| 10 | 439 Rapid effects of Irvalec on tumor cell integrity associated with changes in the ionic membrane conductance. European Journal of Cancer, Supplement, 2010, 8, 139. | 2.2 | 0 |
| 11 | Endocannabinoids and cannabinoid analogues block human cardiac Kv4.3 channels in a receptor-independent manner. Journal of Molecular and Cellular Cardiology, 2010, 48, 201-210. | 0.9 | 30 |
| 12 | Structural basis of the interaction between integrin Î±6Î²4 and plectin at the hemidesmosomes. EMBO Journal, 2009, 28, 1180-1190. | 3.5 | 82 |
| 13 | Quantitative Investigation of Biomolecular Interactions in Crowded Media by Fluorescence Spectroscopy, a Good Choice. Current Protein and Peptide Science, 2009, 10, 376-387. | 0.7 | 5 |
| 14 | Investigating Transcriptional Regulation by Fluorescence Spectroscopy, from Traditional Methods to Stateâ€ofâ€theâ€Art Singleâ€Molecule Approaches. Annals of the New York Academy of Sciences, 2008, 1130, 44-51. | 1.8 | 5 |
| 15 | Fluorescence studies of the replication initiator protein RepA in complex with operator and iteron sequences and free in solution. FEBS Journal, 2008, 275, 5393-5407. | 2.2 | 5 |
| 16 | Characterization of the Control Catabolite Protein of Gluconeogenic Genes Repressor by Fluorescence Cross-Correlation Spectroscopy and Other Biophysical Approaches. Biophysical Journal, 2008, 95, 4403-4415. | 0.2 | 15 |
| 17 | Protein self-association in crowded protein solutions: A time-resolved fluorescence polarization study. Protein Science, 2008, 13, 2960-2969. | 3.1 | 51 |
| 18 | Modulation of the atrial specific Kv1.5 channel by the n-3 polyunsaturated fatty acid, Î±-linolenic acid. Journal of Molecular and Cellular Cardiology, 2008, 44, 323-335. | 0.9 | 38 |

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|---|---|---|---|
| 19 | Structure and Dynamics of Lysozyme Encapsulated in a Silica Solâ˜Gel Matrix. Journal of Physical Chemistry B, 2007, 111, 11603-11610. | 1.2 | 30 |
| 20 | Conformational changes in human integrin Î±IIbÎ²3 after platelet activation, monitored by FRET. Biophysical Chemistry, 2007, 130, 76-87. | 1.5 | 20 |
| 21 | Translational and rotational motions of proteins in a protein crowded environment. Biophysical Chemistry, 2007, 125, 298-305. | 1.5 | 58 |
| 22 | Early Events in the Binding of the pPS10 Replication Protein RepA to Single Iteron and Operator DNA Sequences. Journal of Molecular Biology, 2006, 364, 909-920. | 2.0 | 32 |
| 23 | The Long and Short Flavodoxins. Journal of Biological Chemistry, 2004, 279, 47177-47183. | 1.6 | 39 |
| 24 | NMR structure of the noncytotoxic Â-sarcin mutant Â(7-22): The importance of the native conformation of peripheral loops for activity. Protein Science, 2004, 13, 1000-1011. | 3.1 | 16 |
| 25 | Fluorescence anisotropy as a probe to study tracer proteins in crowded solutions. Journal of Molecular Recognition, 2004, 17, 408-416. | 1.1 | 17 |
| 26 | Sedimentation equilibrium in a solution containing an arbitrary number of solute species at arbitrary concentrations: theory and application to concentrated solutions of ribonuclease. Biophysical Chemistry, 2004, 108, 89-100. | 1.5 | 45 |
| 27 | Location and Properties of the Taxol Binding Center in Microtubules:Â A Picosecond Laser Study with Fluorescent Taxoidsâ€. Biochemistry, 2002, 41, 12436-12449. | 1.2 | 39 |
| 28 | Fluorescent taxoids as probes of the microtubule cytoskeleton. Cytoskeleton, 1998, 39, 73-90. | 4.4 | 72 |
| 29 | Design and Characterization of a Multisite Fluorescence Energy-Transfer System for Protein Folding Studies:â€‰ A Steady-State and Time-Resolved Study of Yeast Phosphoglycerate Kinase. Biochemistry, 1997, 36, 11261-11272. | 1.2 | 62 |
| 30 | Real-Time Measurement of Multiple Intramolecular Distances during Protein Folding Reactions:â€‰ A Multisite Stopped-Flow Fluorescence Energy-Transfer Study of Yeast Phosphoglycerate Kinase. Biochemistry, 1997, 36, 11273-11281. | 1.2 | 68 |
| 31 | Cholesterol effect on the physical state of lipid multibilayers from the platelet plasma membrane by time-resolved fluorescence. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1235, 343-350. | 1.4 | 16 |
| 32 | Proton transfer spectroscopy of 2-(2'-hydroxyphenyl)imidazole and 2-(2'-hydroxyphenyl)benzimidazole dyes. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 78, 127-138. | 2.0 | 120 |
| 33 | Resolution of multiphasic reactions by the combination of fluorescence total-intensity and anisotropy stopped-flow kinetic experiments. Biophysical Journal, 1994, 67, 2511-2521. | 0.2 | 67 |
| 34 | Rotational Dynamics of 1,6-Diphenyl-1,3,5-hexatriene and Derivatives from Fluorescence Depolarization. [Erratum to document cited in CA118:233353]. The Journal of Physical Chemistry, 1994, 98, 13804-13804. | 2.9 | 1 |
| 35 | Lipid clustering in bilayers detected by the fluorescence kinetics and anisotropy of trans-parinaric acid. Biophysical Journal, 1993, 65, 2237-2247. | 0.2 | 56 |
| 36 | Rotational dynamics of 1,6-diphenyl-1,3,5-hexatriene and derivatives from fluorescence depolarization. The Journal of Physical Chemistry, 1993, 97, 3486-3491. | 2.9 | 35 |

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|---|---|---|---|
| 37 | Micro and nanosecond detection of biomolecular dynamics by polarized luminescence. Pure and Applied Chemistry, 1992, 64, 1211-1217. | 0.9 | 6 |
| 38 | Conformation of human fibrinogen in solution from polarized triplet spectroscopy. Biochemistry, 1992, 31, 7580-7586. | 1.2 | 14 |
| 39 | Molecular order and fluidity of the plasma membrane of human platelets from time-resolved fluorescence depolarization. European Biophysics Journal, 1991, 20, 41-52. | 1.2 | 39 |
| 40 | Lateral heterogeneity in human platelet plasma membrane and lipids from the time-resolved fluorescence of trans-parinaric acid. European Biophysics Journal, 1991, 20, 53-9. | 1.2 | 28 |
| 41 | Protein structure probed by polarization spectroscopy. Biophysical Chemistry, 1987, 26, 55-61. | 1.5 | 7 |
| 42 | Protein structure probed by polarization spectroscopy. Biophysical Chemistry, 1987, 26, 63-70. | 1.5 | 21 |
| 43 | THE UV PROTEIN FLUORESCENCE OF PURPLE MEMBRANE AND ITS APOMEMBRANE. Photochemistry and Photobiology, 1984, 40, 351-359. | 1.3 | 14 |