

Clara Aicart-Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

941
citations

623734

14
h-index

642732

23
g-index

29
all docs

29
docs citations

29
times ranked

1614
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Protein palmitoylation and subcellular trafficking. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2981-2994. | 2.6 | 308 |
| 2 | Why Is Less Cationic Lipid Required To Prepare Lipoplexes from Plasmid DNA than Linear DNA in Gene Therapy?. <i>Journal of the American Chemical Society</i> , 2011, 133, 18014-18017. | 13.7 | 103 |
| 3 | How Does the Spacer Length of Cationic Gemini Lipids Influence the Lipoplex Formation with Plasmid DNA? Physicochemical and Biochemical Characterizations and their Relevance in Gene Therapy. <i>Biomacromolecules</i> , 2012, 13, 3926-3937. | 5.4 | 87 |
| 4 | Integrin-Linked Kinase Regulates Vasomotor Function by Preventing Endothelial Nitric Oxide Synthase Uncoupling. <i>Circulation Research</i> , 2012, 110, 439-449. | 4.5 | 53 |
| 5 | Purified Smc5/6 Complex Exhibits DNA Substrate Recognition and Compaction. <i>Molecular Cell</i> , 2020, 80, 1039-1054.e6. | 9.7 | 51 |
| 6 | Effects of a Delocalizable Cation on the Headgroup of Gemini Lipids on the Lipoplex-Type Nanoaggregates Directly Formed from Plasmid DNA. <i>Biomacromolecules</i> , 2013, 14, 3951-3963. | 5.4 | 47 |
| 7 | A delocalizable cationic headgroup together with an oligo-oxyethylene spacer in gemini cationic lipids improves their biological activity as vectors of plasmid DNA. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1495-1506. | 5.8 | 36 |
| 8 | Ribbon-type and cluster-type lipoplexes constituted by a chiral lysine based cationic gemini lipid and plasmid DNA. <i>Soft Matter</i> , 2012, 8, 7368. | 2.7 | 34 |
| 9 | CTP promotes efficient ParB-dependent DNA condensation by facilitating one-dimensional diffusion from parS. <i>ELife</i> , 2021, 10, . | 6.0 | 32 |
| 10 | Long Noncoding RNA NIHCOLE Promotes Ligation Efficiency of DNA Double-Strand Breaks in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2021, 81, 4910-4925. | 0.9 | 30 |
| 11 | Understanding the paradoxical mechanical response of in-phase A-tracts at different force regimes. <i>Nucleic Acids Research</i> , 2020, 48, 5024-5036. | 14.5 | 27 |
| 12 | Transfection of plasmid DNA by nanocarriers containing a gemini cationic lipid with an aromatic spacer or its monomeric counterpart. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 519-527. | 5.0 | 25 |
| 13 | Covalent Attachment of Heme to the Protein Moiety in an Insect E75 Nitric Oxide Sensor. <i>Biochemistry</i> , 2012, 51, 7403-7416. | 2.5 | 17 |
| 14 | Protein Kinase D Interacts with Neuronal Nitric Oxide Synthase and Phosphorylates the Activatory Residue Serine1412. <i>PLoS ONE</i> , 2014, 9, e95191. | 2.5 | 17 |
| 15 | Human HELB is a processive motor protein that catalyzes RPA clearance from single-stranded DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2112376119. | 7.1 | 16 |
| 16 | A Novel Conserved Domain Mediates Dimerization of Protein Kinase D (PKD) Isoforms. <i>Journal of Biological Chemistry</i> , 2016, 291, 23516-23531. | 3.4 | 12 |
| 17 | Double-stranded RNA bending by AU-tract sequences. <i>Nucleic Acids Research</i> , 2020, 48, 12917-12928. | 14.5 | 12 |
| 18 | Protein kinase D activity controls endothelial nitric oxide synthesis. <i>Journal of Cell Science</i> , 2014, 127, 3360-72. | 2.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Subcellular Targeting of Nitric Oxide Synthases Mediated by Their N-Terminal Motifs. <i>Advances in Protein Chemistry and Structural Biology</i> , 2018, 111, 165-195. | 2.3 | 5 |
| 20 | Bulk and single-molecule analysis of a bacterial DNA2-like helicaseâ€“nuclease reveals a single-stranded DNA looping motor. <i>Nucleic Acids Research</i> , 2020, 48, 7991-8005. | 14.5 | 5 |
| 21 | Dynamics of DNA nicking and unwinding by the RepCâ€“PcrA complex. <i>Nucleic Acids Research</i> , 2020, 48, 2013-2025. | 14.5 | 5 |
| 22 | Gemini Cationic Lipid-Type Nanovectors Suitable for the Transfection of Therapeutic Plasmid DNA Encoding for Pro-Inflammatory Cytokine Interleukin-12. <i>Pharmaceutics</i> , 2021, 13, 729. | 4.5 | 2 |
| 23 | Binding of PDZ domains to the carboxy terminus of inducible nitric oxide synthase boosts electron transfer and NO synthesis. <i>FEBS Letters</i> , 2015, 589, 2207-2212. | 2.8 | 1 |
| 24 | Preparation and Assay of Recombinant Serine Racemase. <i>Methods in Molecular Biology</i> , 2012, 794, 357-366. | 0.9 | 1 |
| 25 | Long DNA constructs to study helicases and nucleic acid translocases using optical tweezers. <i>Methods in Enzymology</i> , 2022, , . | 1.0 | 1 |