

# 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	Human HELB is a processive motor protein that catalyzes RPA clearance from single-stranded DNA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2112376119.	7.1	16
2	Long DNA constructs to study helicases and nucleic acid translocases using optical tweezers. Methods in Enzymology, 2022, , .	1.0	1
3	Gemini Cationic Lipid-Type Nanovectors Suitable for the Transfection of Therapeutic Plasmid DNA Encoding for Pro-Inflammatory Cytokine Interleukin-12. Pharmaceutics, 2021, 13, 729.	4.5	2
4	Long Noncoding RNA NIHCOLE Promotes Ligation Efficiency of DNA Double-Strand Breaks in Hepatocellular Carcinoma. Cancer Research, 2021, 81, 4910-4925.	0.9	30
5	CTP promotes efficient ParB-dependent DNA condensation by facilitating one-dimensional diffusion from parS. ELife, 2021, 10, .	6.0	32
6	Bulk and single-molecule analysis of a bacterial DNA2-like helicaseâ€“nuclease reveals a single-stranded DNA looping motor. Nucleic Acids Research, 2020, 48, 7991-8005.	14.5	5
7	Double-stranded RNA bending by AU-tract sequences. Nucleic Acids Research, 2020, 48, 12917-12928.	14.5	12
8	Purified Smc5/6 Complex Exhibits DNA Substrate Recognition and Compaction. Molecular Cell, 2020, 80, 1039-1054.e6.	9.7	51
9	Understanding the paradoxical mechanical response of in-phase A-tracts at different force regimes. Nucleic Acids Research, 2020, 48, 5024-5036.	14.5	27
10	Dynamics of DNA nicking and unwinding by the RepCâ€“PcrA complex. Nucleic Acids Research, 2020, 48, 2013-2025.	14.5	5
11	Subcellular Targeting of Nitric Oxide Synthases Mediated by Their N-Terminal Motifs. Advances in Protein Chemistry and Structural Biology, 2018, 111, 165-195.	2.3	5
12	Transfection of plasmid DNA by nanocarriers containing a gemini cationic lipid with an aromatic spacer or its monomeric counterpart. Colloids and Surfaces B: Biointerfaces, 2018, 161, 519-527.	5.0	25
13	A Novel Conserved Domain Mediates Dimerization of Protein Kinase D (PKD) Isoforms. Journal of Biological Chemistry, 2016, 291, 23516-23531.	3.4	12
14	A delocalizable cationic headgroup together with an oligo-oxyethylene spacer in gemini cationic lipids improves their biological activity as vectors of plasmid DNA. Journal of Materials Chemistry B, 2015, 3, 1495-1506.	5.8	36
15	Binding of PDZ domains to the carboxy terminus of inducible nitric oxide synthase boosts electron transfer and NO synthesis. FEBS Letters, 2015, 589, 2207-2212.	2.8	1
16	Protein kinase D activity controls endothelial nitric oxide synthesis. Journal of Cell Science, 2014, 127, 3360-72.	2.0	11
17	Protein Kinase D Interacts with Neuronal Nitric Oxide Synthase and Phosphorylates the Activatory Residue Serine1412. PLoS ONE, 2014, 9, e95191.	2.5	17
18	Effects of a Delocalizable Cation on the Headgroup of Gemini Lipids on the Lipoplex-Type Nanoaggregates Directly Formed from Plasmid DNA. Biomacromolecules, 2013, 14, 3951-3963.	5.4	47

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19	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
20	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
21	Integrin-Linked Kinase Regulates Vasomotor Function by Preventing Endothelial Nitric Oxide Synthase Uncoupling. <i>Circulation Research</i> , 2012, 110, 439-449.	4.5	53
22	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
23	Preparation and Assay of Recombinant Serine Racemase. <i>Methods in Molecular Biology</i> , 2012, 794, 357-366.	0.9	1
24	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
25	Protein palmitoylation and subcellular trafficking. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2981-2994.	2.6	308