

# Nuria Cirauqui

## List of Publications by Year in descending order

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31  
papers

644  
citations

758635

12  
h-index

610482

24  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of aerolysin variants reveals a novel protein fold and the pore-formation process. <i>Nature Communications</i> , 2016, 7, 12062.	5.8	144
2	Single-molecule sensing of peptides and nucleic acids by engineered aerolysin nanopores. <i>Nature Communications</i> , 2019, 10, 4918.	5.8	74
3	Mapping the sensing spots of aerolysin for single oligonucleotides analysis. <i>Nature Communications</i> , 2018, 9, 2823.	5.8	60
4	Aerolysin nanopores decode digital information stored in tailored macromolecular analytes. <i>Science Advances</i> , 2020, 6, .	4.7	57
5	Melanin-Concentrating Hormone Receptor 1 Antagonists: A New Perspective for the Pharmacologic Treatment of Obesity. <i>Current Medicinal Chemistry</i> , 2008, 15, 1025-1043.	1.2	50
6	Structural, physicochemical and dynamic features conserved within the aerolysin pore-forming toxin family. <i>Scientific Reports</i> , 2017, 7, 13932.	1.6	38
7	Second Generation of Mannich Base-Type Derivatives with <i>in Vivo</i> Activity against <i>Trypanosoma cruzi</i> . <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5643-5663.	2.9	32
8	In Vitro and in Vivo Anti- <i>Trypanosoma cruzi</i> Activity of New Arylamine Mannich Base-Type Derivatives. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10929-10945.	2.9	30
9	BK polyomavirus genotypes Ia and Ib1 exhibit different biological properties in renal transplant recipients. <i>Virus Research</i> , 2018, 243, 65-68.	1.1	17
10	Rational modification of Mannich base-type derivatives as novel antichagasic compounds: Synthesis, in vitro and in vivo evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3902-3917.	1.4	17
11	Using normal mode analysis on protein structural models. How far can we go on our predictions?. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 531-543.	1.5	16
12	Novel sulfonylurea derivatives as H3 receptor antagonists. Preliminary SAR studies. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 1-13.	2.6	15
13	Phase Separation and Disorder-to-Order Transition of Human Brain Expressed X-Linked 3 (hBEX3) in the Presence of Small Fragments of tRNA. <i>Journal of Molecular Biology</i> , 2020, 432, 2319-2348.	2.0	13
14	Novel series of substituted biphenylmethyl urea derivatives as MCHR1 antagonists for the treatment of obesity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3896-3911.	1.4	11
15	A step towards development of promising trypanocidal agents: Synthesis, characterization and <i>in vitro</i> biological evaluation of ferrocenyl Mannich base-type derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 569-582.	2.6	11
16	Building a MCHR1 homology model provides insight into the receptor's antagonist contacts that are important for the development of new anti-obesity agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7365-7379.	1.4	8
17	Phylogenetic and structural analysis of merkel cell polyomavirus VP1 in Brazilian samples. <i>Virus Research</i> , 2016, 221, 1-7.	1.1	8
18	Analysis of worldwide sequence mutations in Zika virus proteins E, NS1, NS3 and NS5 from a structural point of view. <i>Molecular BioSystems</i> , 2017, 13, 122-131.	2.9	8

#	ARTICLE	IF	CITATIONS
19	Design, Synthesis and Evaluation of New Fluoroamodiaquine Analogues. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 594-601.	0.6	6
20	In Vivo Biological Evaluation of a Synthetic Royleanone Derivative as a Promising Fast-Acting Trypanocidal Agent by Inducing Mitochondrial-Dependent Necrosis. <i>Journal of Natural Products</i> , 2020, 83, 3571-3583.	1.5	6
21	Molecular modeling study of a series of amodiaquine analogues with antimalarial activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 3529-3536.	1.1	5
22	Repositioning of leishmanicidal [1,2,3]Triazolo[1,5-a]pyridinium salts for Chagas disease treatment: Trypanosoma cruzi cell death involving mitochondrial membrane depolarisation and Fe-SOD inhibition. <i>Parasitology Research</i> , 2020, 119, 2943-2954.	0.6	4
23	Genetic and structural analysis of polyomavirus BK T antigens reveal a higher density of mutations at interdomain and hexamerization regions, regardless the status of infection. <i>Journal of Medical Virology</i> , 2015, 87, 1418-1426.	2.5	3
24	Antichagasic profile of a Series of Mannich Base Type Derivatives: Design, Synthesis, <i>in vitro</i> Evaluation, and Computational Studies Involving Iron Superoxide Dismutase. <i>ChemistrySelect</i> , 2019, 4, 8112-8121.	0.7	3
25	Three-Finger Toxins from Brazilian Coral Snakes: From Molecular Framework to Insights in Biological Function. <i>Toxins</i> , 2021, 13, 328.	1.5	3
26	Multiscale molecular simulations to investigate adenylyl cyclase based signaling in the brain. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 0, , .	6.2	2
27	Genetic and Structural Analysis of Merkel Cell Polyomavirus Large T Antigen from Diverse Biological Samples. <i>Intervirology</i> , 2014, 57, 331-336.	1.2	1
28	Structural insights into the allosteric site of Arabidopsis NADP-malic enzyme 2: role of the second sphere residues in the regulatory signal transmission. <i>Plant Molecular Biology</i> , 2021, 107, 37-48.	2.0	1
29	Diterpenes isolated from <i>Canistrocarpus cervicornis</i> with virucidal activity against HIV-1: an <i>in silico</i> evaluation. <i>Natural Product Research</i> , 2021, , 1-5.	1.0	1
30	New Amide Derivatives as Melanin-concentrating Hormone Receptor 1 Antagonists for the Treatment of Obesity. <i>Arzneimittelforschung</i> , 2008, 58, 585-591.	0.5	0
31	Biological Evaluation of Arylamine Mannich Base Derivatives with Potent In Vivo Activity as Potent Antichagasic Agents. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0