

# Ignacio Faustino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6095765/publications.pdf>

Version: 2024-02-01

19  
papers

2,156  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Martini 3: a general purpose force field for coarse-grained molecular dynamics. <i>Nature Methods</i> , 2021, 18, 382-388.	19.0	557
2	Membrane mediated toppling mechanism of the folate energy coupling factor transporter. <i>Nature Communications</i> , 2020, 11, 1763.	12.8	21
3	Photoswitching of DNA Hybridization Using a Molecular Motor. <i>Journal of the American Chemical Society</i> , 2018, 140, 5069-5076.	13.7	70
4	Targeting RNA structure in SMN2 reverses spinal muscular atrophy molecular phenotypes. <i>Nature Communications</i> , 2018, 9, 2032.	12.8	60
5	Molecular Mechanism of Lipid Nanodisk Formation by Styrene-Maleic Acid Copolymers. <i>Biophysical Journal</i> , 2018, 115, 494-502.	0.5	64
6	Martini Coarse-Grained Force Field: Extension to RNA. <i>Biophysical Journal</i> , 2017, 113, 246-256.	0.5	156
7	Insight into the complete substrate-binding pocket of ThiT by chemical and genetic mutations. <i>MedChemComm</i> , 2017, 8, 1121-1130.	3.4	16
8	cgHeliParm: analysis of dsDNA helical parameters for coarse-grained MARTINI molecular dynamics simulations. <i>Bioinformatics</i> , 2017, 33, 3813-3815.	4.1	3
9	Coupled binding mechanism of three sodium ions and aspartate in the glutamate transporter homologue GltTk. <i>Nature Communications</i> , 2016, 7, 13420.	12.8	93
10	Parmbsc1: a refined force field for DNA simulations. <i>Nature Methods</i> , 2016, 13, 55-58.	19.0	790
11	Molecular Dynamics Study of Naturally Existing Cavity Couplings in Proteins. <i>PLoS ONE</i> , 2015, 10, e0119978.	2.5	10
12	Unraveling the sequence-dependent polymorphic behavior of d(CpG) steps in B-DNA. <i>Nucleic Acids Research</i> , 2014, 42, 11304-11320.	14.5	81
13	The DNA-forming properties of 6-selenoguanine. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1101-1110.	2.8	13
14	Functionalization of the 3' ends of DNA and RNA Strands with Ethylcoupled Nucleosides: A Promising Approach To Avoid Exonuclease-Catalyzed Hydrolysis of Therapeutic Oligonucleotides. <i>ChemBioChem</i> , 2013, 14, 510-520.	2.6	13
15	NAFlex: a web server for the study of nucleic acid flexibility. <i>Nucleic Acids Research</i> , 2013, 41, W47-W55.	14.5	45
16	Improved nucleic acid descriptors for siRNA efficacy prediction. <i>Nucleic Acids Research</i> , 2013, 41, 1383-1394.	14.5	17
17	Exploring polymorphisms in B-DNA helical conformations. <i>Nucleic Acids Research</i> , 2012, 40, 10668-10678.	14.5	89
18	Toward a Consensus View of Duplex RNA Flexibility. <i>Biophysical Journal</i> , 2010, 99, 1876-1885.	0.5	54

#	ARTICLE	IF	CITATIONS
19	Unique Tautomeric and Recognition Properties of Thioketothymines?. Journal of the American Chemical Society, 2009, 131, 12845-12853.	13.7	4