

# Rafael Ayala

## List of Publications by Year in descending order

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14  
papers

462  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and regulation of the human INO80 nucleosome complex. <i>Nature</i> , 2018, 556, 391-395.	27.8	148
2	Structure and dynamics of the yeast SWR1-nucleosome complex. <i>Science</i> , 2018, 362, .	12.6	131
3	Cryo-EM structures of the human INO80 chromatin-remodeling complex. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 37-44.	8.2	46
4	Cryo-EM Structure of Nucleotide-Bound Tel1/ATR Unravels the Molecular Basis of Inhibition and Structural Rationale for Disease-Associated Mutations. <i>Structure</i> , 2020, 28, 96-104.e3.	3.3	28
5	MetaboSignal: a network-based approach for topological analysis of metabolite regulation via metabolic and signaling pathways. <i>Bioinformatics</i> , 2017, 33, 773-775.	4.1	20
6	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. <i>Genome Medicine</i> , 2016, 8, 101.	8.2	19
7	1-Resolved 1H NMR 1D-Projections for Large-Scale Metabolic Phenotyping Studies: Application to Blood Plasma Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11405-11412.	6.5	18
8	MWASTools: an R/bioconductor package for metabolome-wide association studies. <i>Bioinformatics</i> , 2018, 34, 890-892.	4.1	18
9	p97 and p47 function in membrane tethering in cooperation with FTCD during mitotic Golgi reassembly. <i>EMBO Journal</i> , 2021, 40, e105853.	7.8	13
10	pJRES Binning Algorithm (JBA): a new method to facilitate the recovery of metabolic information from pJRES 1H NMR spectra. <i>Bioinformatics</i> , 2019, 35, 1916-1922.	4.1	12
11	Exploring the Genetic Landscape of Metabolic Phenotypes with MetaboSignal. <i>Current Protocols in Bioinformatics</i> , 2018, 61, 14.14.1-14.14.13.	25.8	6
12	Single-Particle Electron Microscopy Analysis of DNA Repair Complexes. <i>Methods in Enzymology</i> , 2017, 592, 159-186.	1.0	2
13	rfaRm: An R client-side interface to facilitate the analysis of the Rfam database of RNA families. <i>PLoS ONE</i> , 2021, 16, e0245280.	2.5	1
14	Assessment of the General Oxidant Status of Individuals in Non-Invasive Samples. , 2012, , .		0