

Rafael Ayala

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

462
citations

1040056

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h-index

1125743

13
g-index

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all docs

14
docs citations

14
times ranked

940
citing authors

#	ARTICLE	IF	CITATIONS
1	rfaRm: An R client-side interface to facilitate the analysis of the Rfam database of RNA families. PLoS ONE, 2021, 16, e0245280.	2.5	1
2	p97 and p47 function in membrane tethering in cooperation with FTCD during mitotic Golgi reassembly. EMBO Journal, 2021, 40, e105853.	7.8	13
3	Cryo-EM Structure of Nucleotide-Bound Tel1ATM Unravels the Molecular Basis of Inhibition and Structural Rationale for Disease-Associated Mutations. Structure, 2020, 28, 96-104.e3.	3.3	28
4	pJRES Binning Algorithm (JBA): a new method to facilitate the recovery of metabolic information from pJRES 1H NMR spectra. Bioinformatics, 2019, 35, 1916-1922.	4.1	12
5	Exploring the Genetic Landscape of Metabolic Phenotypes with MetaboSignal. Current Protocols in Bioinformatics, 2018, 61, 14.14.1-14.14.13.	25.8	6
6	Structure and regulation of the human INO80 nucleosome complex. Nature, 2018, 556, 391-395.	27.8	148
7	MWASTools: an R/bioconductor package for metabolome-wide association studies. Bioinformatics, 2018, 34, 890-892.	4.1	18
8	Cryo-EM structures of the human INO80 chromatin-remodeling complex. Nature Structural and Molecular Biology, 2018, 25, 37-44.	8.2	46
9	Structure and dynamics of the yeast SWR1-nucleosome complex. Science, 2018, 362, .	12.6	131
10	MetaboSignal: a network-based approach for topological analysis of metabolite regulation via metabolic and signaling pathways. Bioinformatics, 2017, 33, 773-775.	4.1	20
11	Single-Particle Electron Microscopy Analysis of DNA Repair Complexes. Methods in Enzymology, 2017, 592, 159-186.	1.0	2
12	1-Resolved 1H NMR 1D-Projections for Large-Scale Metabolic Phenotyping Studies: Application to Blood Plasma Analysis. Analytical Chemistry, 2017, 89, 11405-11412.	6.5	18
13	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. Genome Medicine, 2016, 8, 101.	8.2	19
14	Assessment of the General Oxidant Status of Individuals in Non-Invasive Samples. , 2012, , .		0