

Antonio Ariza

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,257
citations

394286

19
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

1833
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic insights into the three steps of poly(ADP-ribosylation) reversal. <i>Nature Communications</i> , 2021, 12, 4581.	5.8	34
2	Molecular basis for DarT ADP-ribosylation of a DNA base. <i>Nature</i> , 2021, 596, 597-602.	13.7	41
3	HPF1 completes the PARP active site for DNA damage-induced ADP-ribosylation. <i>Nature</i> , 2020, 579, 598-602.	13.7	172
4	Structural and Functional Characterization of Three Novel Fungal Amylases with Enhanced Stability and pH Tolerance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4902.	1.8	15
5	Structural insight into industrially relevant glucoamylases: flexible positions of starch-binding domains. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 463-470.	1.1	12
6	(ADP-ribosyl)hydrolases: Structural Basis for Differential Substrate Recognition and Inhibition. <i>Cell Chemical Biology</i> , 2018, 25, 1533-1546.e12.	2.5	52
7	Structural insights into the function of ZRANB3 in replication stress response. <i>Nature Communications</i> , 2017, 8, 15847.	5.8	41
8	The Toxin-Antitoxin System DarTG Catalyzes Reversible ADP-Ribosylation of DNA. <i>Molecular Cell</i> , 2016, 64, 1109-1116.	4.5	137
9	The role of ADP-ribosylation in regulating DNA interstrand crosslink repair. <i>Journal of Cell Science</i> , 2016, 129, 3845-3858.	1.2	15
10	Three-dimensional structures of two heavily N-glycosylated <i>Aspergillus</i> sp. family GH3 β -D-glucosidases. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 254-265.	1.1	38
11	The crystal structure of the Hazara virus nucleocapsid protein. <i>BMC Structural Biology</i> , 2015, 15, 24.	2.3	26
12	Synthesis of Dimeric ADP-Ribose and Its Structure with Human Poly(ADP-ribose) Glycohydrolase. <i>Journal of the American Chemical Society</i> , 2015, 137, 3558-3564.	6.6	75
13	Identification of a Class of Protein ADP-Ribosylating Sirtuins in Microbial Pathogens. <i>Molecular Cell</i> , 2015, 59, 309-320.	4.5	79
14	Crystal structure of the essential transcription antiterminator M2-1 protein of human respiratory syncytial virus and implications of its phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1580-1585.	3.3	58
15	Probing Bunyavirus N protein oligomerisation using mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 793-800.	0.7	6
16	Nucleocapsid protein structures from orthobunyaviruses reveal insight into ribonucleoprotein architecture and RNA polymerization. <i>Nucleic Acids Research</i> , 2013, 41, 5912-5926.	6.5	69
17	Mechanism of Protein Kinetic Stabilization by Engineered Disulfide Crosslinks. <i>PLoS ONE</i> , 2013, 8, e70013.	1.1	29
18	Degradation of Phytate by the 6-Phytase from <i>Hafnia alvei</i> : A Combined Structural and Solution Study. <i>PLoS ONE</i> , 2013, 8, e65062.	1.1	40

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19	Structure, Function, and Evolution of the Crimean-Congo Hemorrhagic Fever Virus Nucleocapsid Protein. <i>Journal of Virology</i> , 2012, 86, 10914-10923.	1.5	94
20	Structure and Activity of <i>Paenibacillus polymyxa</i> Xyloglucanase from Glycoside Hydrolase Family 44. <i>Journal of Biological Chemistry</i> , 2011, 286, 33890-33900.	1.6	32
21	Comparative structural, kinetic and inhibitor studies of <i>Trypanosoma brucei</i> trypanothione reductase with <i>T. cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2010, 169, 12-19.	0.5	54
22	Crystal Structure of an Intracellular Subtilisin Reveals Novel Structural Features Unique to this Subtilisin Family. <i>Structure</i> , 2010, 18, 744-755.	1.6	20
23	Specificity of the trypanothione-dependent <i>Leishmania major</i> glyoxalase I: structure and biochemical comparison with the human enzyme. <i>Molecular Microbiology</i> , 2006, 59, 1239-1248.	1.2	76
24	Crystallization and preliminary X-ray analysis of <i>Leishmania major</i> glyoxalase I. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 769-772.	0.7	10
25	Conformational flexibility revealed by the crystal structure of a crenarchaeal RadA. <i>Nucleic Acids Research</i> , 2005, 33, 1465-1473.	6.5	32