

Alekos Athanasiadis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7911492/publications.pdf>

Version: 2024-02-01

26
papers

2,080
citations

430843

18
h-index

552766

26
g-index

28
all docs

28
docs citations

28
times ranked

2576
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread A-to-I RNA Editing of Alu-Containing mRNAs in the Human Transcriptome. <i>PLoS Biology</i> , 2004, 2, e391.	5.6	653
2	Crystal Structure of the Soluble Form of Equinatoxin II, a Pore-Forming Toxin from the Sea Anemone <i>Actinia equina</i> . <i>Structure</i> , 2001, 9, 341-346.	3.3	202
3	Cell cycle phase specificity of putative cyclin-dependent kinase variants in synchronized alfalfa cells.. <i>Plant Cell</i> , 1997, 9, 223-235.	6.6	189
4	Nutritional control of body size through FoxO-Ultraspiracle mediated ecdysone biosynthesis. <i>ELife</i> , 2014, 3, .	6.0	157
5	A Left-Handed RNA Double Helix Bound by the Z ¹ Domain of the RNA-Editing Enzyme ADAR1. <i>Structure</i> , 2007, 15, 395-404.	3.3	133
6	Intron Retention in the 5' UTR of the Novel ZIF2 Transporter Enhances Translation to Promote Zinc Tolerance in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2014, 10, e1004375.	3.5	115
7	Crystal structure of PvuII endonuclease reveals extensive structural homologies to EcoRV. <i>Nature Structural and Molecular Biology</i> , 1994, 1, 469-475.	8.2	110
8	The Crystal Structure of the Z ² Domain of the RNA-editing Enzyme ADAR1 Reveals Distinct Conserved Surfaces Among Z-domains. <i>Journal of Molecular Biology</i> , 2005, 351, 496-507.	4.2	69
9	Alternative Splicing and Gene Duplication in the Evolution of the FoxP Gene Subfamily. <i>Molecular Biology and Evolution</i> , 2011, 28, 237-247.	8.9	59
10	Conserved Fever Pathways across Vertebrates: A Herpesvirus Expressed Decoy TNF Receptor Delays Behavioral Fever in Fish. <i>Cell Host and Microbe</i> , 2017, 21, 244-253.	11.0	57
11	Zalpha-domains: At the intersection between RNA editing and innate immunity. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 275-280.	5.0	49
12	Intracellular Targeting of Gag Proteins of the <i>Drosophila</i> Telomeric Retrotransposons. <i>Journal of Virology</i> , 2003, 77, 6376-6384.	3.4	47
13	Crystal structure of a junction between two Z-DNA helices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9088-9092.	7.1	40
14	Primary structure and specificity of a serine proteinase inhibitor from paprika (<i>Capsicum annuum</i>) seeds. <i>BBA - Proteins and Proteomics</i> , 1996, 1298, 95-101.	2.1	30
15	Structural basis for Z-DNA binding and stabilization by the zebrafish Z-DNA dependent protein kinase PKZ. <i>Nucleic Acids Research</i> , 2013, 41, 9924-9933.	14.5	27
16	The Structure of the Cyprinid herpesvirus 3 ORF112-Z-DNA Complex Reveals a Mechanism of Nucleic Acids Recognition Conserved with E3L, a Poxvirus Inhibitor of Interferon Response. <i>Journal of Biological Chemistry</i> , 2015, 290, 30713-30725.	3.4	26
17	Crystal Structure of a Poxvirus-Like Zalpha Domain from Cyprinid Herpesvirus 3. <i>Journal of Virology</i> , 2013, 87, 3998-4004.	3.4	22
18	Complete nucleotide sequence of the PvuII restriction enzyme gene from <i>Proteus vulgaris</i> . <i>Nucleic Acids Research</i> , 1990, 18, 6434-6434.	14.5	21

#	ARTICLE	IF	CITATIONS
19	Structural and Biochemical Characterization of a New Mg ²⁺ Binding Site Near Tyr94 in the Restriction Endonuclease PvuII. <i>Journal of Molecular Biology</i> , 2003, 331, 395-406.	4.2	16
20	Protein analysis and gene expression indicate differential vulnerability of Iberian fish species under a climate change scenario. <i>PLoS ONE</i> , 2017, 12, e0181325.	2.5	15
21	Oligophrenin-1 (OPHN1), a Gene Involved in X-Linked Intellectual Disability, Undergoes RNA Editing and Alternative Splicing during Human Brain Development. <i>PLoS ONE</i> , 2014, 9, e91351.	2.5	14
22	Purification, crystallization and preliminary X-ray diffraction studies of the PvuII endonuclease. <i>Journal of Molecular Biology</i> , 1991, 222, 451-453.	4.2	11
23	Enrichment of Z ⁺ domains at cytoplasmic stress granules is due to their innate ability to bind to nucleic acids. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	10
24	RAG Recombinase as a Selective Pressure for Genome Evolution. <i>Genome Biology and Evolution</i> , 2016, 8, 3364-3376.	2.5	5
25	Crystallization of the Z ⁺ domain of the human editing enzyme ADAR1 complexed with a DNA-RNA chimeric oligonucleotide in the left-handed Z-conformation. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 120-123.	2.5	2
26	Purification, crystallization and preliminary X-ray analysis of the M.BseCI DNA methyltransferase from <i>Bacillus stearothermophilus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1997, 53, 477-479.	2.5	1