

Birgitta M WÄghrl

List of Publications by Year in descending order

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papers

642
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687363

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30
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Step Kinetics of HIV-1 Reverse Transcriptase Mutants Responsible for Virus Resistance to Nucleoside Inhibitors Zidovudine and 3-TC. <i>Biochemistry</i> , 1997, 36, 10292-10300.	2.5	135
2	Kinetic Analysis of Four HIV-1 Reverse Transcriptase Enzymes Mutated in the Primer Grip Region of p66. <i>Journal of Biological Chemistry</i> , 1997, 272, 17581-17587.	3.4	67
3	AZT resistance of simian foamy virus reverse transcriptase is based on the excision of AZTMP in the presence of ATP. <i>Nucleic Acids Research</i> , 2007, 36, 1009-1016.	14.5	51
4	Mutations of a conserved residue within HIV-1 ribonuclease H affect its exo- and endonuclease activities. <i>Journal of Molecular Biology</i> , 1991, 220, 801-818.	4.2	41
5	Allergens and their associated small molecule ligands—their dual role in sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2367-2382.	5.7	36
6	Regulation of Foamy Virus Protease Activity by Viral RNA: a Novel and Unique Mechanism among Retroviruses. <i>Journal of Virology</i> , 2011, 85, 4462-4469.	3.4	32
7	The Solution Structure of the Simian Foamy Virus Protease Reveals a Monomeric Protein. <i>Journal of Molecular Biology</i> , 2008, 381, 141-149.	4.2	29
8	Formation of transient dimers by a retroviral protease. <i>Biochemical Journal</i> , 2010, 427, 197-203.	3.7	27
9	Inhibition of Foamy Virus Reverse Transcriptase by Human Immunodeficiency Virus Type 1 RNase H Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4086-4093.	3.2	26
10	Identification of a natural ligand of the hazel allergen Cor a 1. <i>Scientific Reports</i> , 2019, 9, 8714.	3.3	26
11	Biochemical characterization of a multi-drug resistant HIV-1 subtype AG reverse transcriptase: antagonism of AZT discrimination and excision pathways and sensitivity to RNase H inhibitors. <i>Nucleic Acids Research</i> , 2016, 44, 2310-2322.	14.5	23
12	Biophysical and enzymatic properties of the simian and prototype foamy virus reverse transcriptases. <i>Retrovirology</i> , 2010, 7, 5.	2.0	20
13	An Autoinhibited State in the Structure of <i>Thermotoga maritima</i> NusG. <i>Structure</i> , 2013, 21, 365-375.	3.3	16
14	The prototype foamy virus protease is active independently of the integrase domain. <i>Retrovirology</i> , 2012, 9, 41.	2.0	13
15	AZT-resistant foamy virus. <i>Virology</i> , 2008, 370, 151-157.	2.4	12
16	Structural requirements for enzymatic activities of foamy virus protease—reverse transcriptase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 375-385.	2.6	12
17	Food Processing Does Not Abolish the Allergenicity of the Carrot Allergen Dau c 1: Influence of pH, Temperature, and the Food Matrix. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000334.	3.3	11
18	Structure and nucleic acid binding properties of KOW domains 4 and 6–7 of human transcription elongation factor DSIF. <i>Scientific Reports</i> , 2018, 8, 11660.	3.3	9

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19	The solution structure of the prototype foamy virus RNase H domain indicates an important role of the basic loop in substrate binding. <i>Retrovirology</i> , 2012, 9, 73.	2.0	8
20	Insights into the structure and activity of prototype foamy virus RNase H. <i>Retrovirology</i> , 2012, 9, 14.	2.0	8
21	Foamy Virus Gag p71-p68 Cleavage Is Required for Template Switch of the Reverse Transcriptase. <i>Journal of Virology</i> , 2013, 87, 7774-7776.	3.4	8
22	Rapid Detection of Quinolone Resistance Mutations in <i>gyrA</i> of <i>Helicobacter pylori</i> by Real-Time PCR. <i>Pathogens</i> , 2022, 11, 59.	2.8	6
23	Fast Mapping of Biomolecular Interfaces by Random Spin Labeling (RSL). <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 793-798.	3.5	5
24	Structural and Functional Aspects of Foamy Virus Protease-Reverse Transcriptase. <i>Viruses</i> , 2019, 11, 598.	3.3	5
25	Sequence-specific ¹ H, ¹³ C and ¹⁵ N resonance assignments and secondary structure of a truncated protease from Simian Foamy Virus. <i>Biomolecular NMR Assignments</i> , 2007, 1, 175-177.	0.8	3
26	A Novel Isoallergen Dau c 1.0401 in Carrot: Stability, Allergenicity, and Comparison with Other Isoallergens. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001110.	3.3	3
27	AZT resistance alters enzymatic properties and creates an ATP-binding site in SFVmac reverse transcriptase. <i>Retrovirology</i> , 2015, 12, 21.	2.0	2
28	Structures of Substrate Complexes of Foamy Viral Protease-Reverse Transcriptase. <i>Journal of Virology</i> , 2021, 95, e0084821.	3.4	2
29	Optimizing the Expression of Human Dopamine Receptors in <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8647.	4.1	1