Birgitta M WÃ¶hrl

List of Publications by Year
in descending order

29 papers	642 citations	687363 13 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	624 citing authors

#	Article	IF	Citations
1	Rapid Detection of Quinolone Resistance Mutations in gyrA of Helicobacter pylori by Real-Time PCR. Pathogens, 2022, 11, 59.	2.8	6
2	A Novel Isoallergen Dau c 1.0401 in Carrot: Stability, Allergenicity, and Comparison with Other Isoallergens. Molecular Nutrition and Food Research, 2021, 65, e2001110.	3.3	3
3	Allergens and their associated small molecule ligandsâ€"their dual role in sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2367-2382.	5.7	36
4	Structures of Substrate Complexes of Foamy Viral Protease-Reverse Transcriptase. Journal of Virology, 2021, 95, e0084821.	3.4	2
5	Optimizing the Expression of Human Dopamine Receptors in Escherichia coli. International Journal of Molecular Sciences, 2021, 22, 8647.	4.1	1
6	Food Processing Does Not Abolish the Allergenicity of the Carrot Allergen Dau c 1: Influence of pH, Temperature, and the Food Matrix. Molecular Nutrition and Food Research, 2020, 64, e2000334.	3.3	11
7	Structural and Functional Aspects of Foamy Virus Protease-Reverse Transcriptase. Viruses, 2019, 11, 598.	3.3	5
8	Identification of a natural ligand of the hazel allergen Cor a 1. Scientific Reports, 2019, 9, 8714.	3.3	26
9	Structure and nucleic acid binding properties of KOW domains 4 and 6â€“7 of human transcription elongation factor DSIF. Scientific Reports, 2018, 8, 11660.	3.3	9
10	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. Nucleic Acids Research, 2016, 44, 2310-2322.	14.5	23
11	AZT resistance alters enzymatic properties and creates an ATP-binding site in SFVmac reverse transcriptase. Retrovirology, 2015, 12, 21.	2.0	2
12	Inhibition of Foamy Virus Reverse Transcriptase by Human Immunodeficiency Virus Type 1 RNase H Inhibitors. Antimicrobial Agents and Chemotherapy, 2014, 58, 4086-4093.	3.2	26
13	Structural requirements for enzymatic activities of foamy virus proteaseâ€reverse transcriptase. Proteins: Structure, Function and Bioinformatics, 2014, 82, 375-385.	2.6	12
14	An Autoinhibited State in the Structure of Thermotoga maritima NusG. Structure, 2013, 21, 365-375.	3.3	16
15	Foamy Virus Gag p71-p68 Cleavage Is Required for Template Switch of the Reverse Transcriptase. Journal of Virology, 2013, 87, 7774-7776.	3.4	8
16	Fast Mapping of Biomolecular Interfaces by Random Spin Labeling (RSL). Journal of Biomolecular Structure and Dynamics, 2012, 29, 793-798.	3.5	5
17	The prototype foamy virus protease is active independently of the integrase domain. Retrovirology, 2012, 9, 41.	2.0	13
18	The solution structure of the prototype foamy virus RNase H domain indicates an important role of the basic loop in substrate binding. Retrovirology, 2012, 9, 73.	2.0	8

#	Article	IF	Citations
19	Insights into the structure and activity of prototype foamy virus RNase H. Retrovirology, 2012, 9, 14.	2.0	8
20	Regulation of Foamy Virus Protease Activity by Viral RNA: a Novel and Unique Mechanism among Retroviruses. Journal of Virology, 2011, 85, 4462-4469.	3.4	32
21	Formation of transient dimers by a retroviral protease. Biochemical Journal, 2010, 427, 197-203.	3.7	27
22	Biophysical and enzymatic properties of the simian and prototype foamy virus reverse transcriptases. Retrovirology, 2010, 7, 5.	2.0	20
23	AZT-resistant foamy virus. Virology, 2008, 370, 151-157.	2.4	12
24	The Solution Structure of the Simian Foamy Virus Protease Reveals a Monomeric Protein. Journal of Molecular Biology, 2008, 381, 141-149.	4.2	29
25	AZT resistance of simian foamy virus reverse transcriptase is based on the excision of AZTMP in the presence of ATP. Nucleic Acids Research, 2007, 36, 1009-1016.	14.5	51
26	Sequence-specific 1H, 13C and 15N resonance assignments and secondary structure of a truncated protease from Simian Foamy Virus. Biomolecular NMR Assignments, 2007, 1, 175-177.	0.8	3
27	Kinetic Analysis of Four HIV-1 Reverse Transcriptase Enzymes Mutated in the Primer Grip Region of p66. Journal of Biological Chemistry, 1997, 272, 17581-17587.	3.4	67
28	Single-Step Kinetics of HIV-1 Reverse Transcriptase Mutants Responsible for Virus Resistance to Nucleoside Inhibitors Zidovudine and 3-TCâ€. Biochemistry, 1997, 36, 10292-10300.	2.5	135
29	Mutations of a conserved residue within HIV-1 ribonuclease H affect its exo- and endonuclease activities. Journal of Molecular Biology, 1991, 220, 801-818.	4.2	41