

Sebastian Winkler

List of Publications by Year in descending order

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42
papers

2,870
citations

257450

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302126

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all docs

43
docs citations

43
times ranked

4089
citing authors

#	ARTICLE	IF	CITATIONS
1	Elongator is a histone H3 and H4 acetyltransferase important for normal histone acetylation levels in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3517-3522.	7.1	503
2	The mammalian anti-proliferative BTG/Tob protein family. <i>Journal of Cellular Physiology</i> , 2010, 222, 66-72.	4.1	250
3	Purification and Characterization of the Human Elongator Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 3047-3052.	3.4	230
4	RNA decay machines: Deadenylation by the Ccr4-Not and Pan2-Pan3 complexes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 561-570.	1.9	203
5	Menin Links Estrogen Receptor Activation to Histone H3K4 Trimethylation. <i>Cancer Research</i> , 2006, 66, 4929-4935.	0.9	187
6	RNA Polymerase II Elongator Holoenzyme Is Composed of Two Discrete Subcomplexes. <i>Journal of Biological Chemistry</i> , 2001, 276, 32743-32749.	3.4	153
7	Elongator Interactions with Nascent mRNA Revealed by RNA Immunoprecipitation. <i>Molecular Cell</i> , 2004, 14, 457-464.	9.7	125
8	Structural Model of the UbcH5B/CNOT4 Complex Revealed by Combining NMR, Mutagenesis, and Docking Approaches. <i>Structure</i> , 2004, 12, 633-644.	3.3	113
9	The Ccr4a (CNOT6) and Ccr4b (CNOT6L) deadenylase subunits of the human Ccr4-Not complex contribute to the prevention of cell death and senescence. <i>Molecular Biology of the Cell</i> , 2011, 22, 748-758.	2.1	97
10	The Ccr4-Not Deadenylase Subunits CNOT7 and CNOT8 Have Overlapping Roles and Modulate Cell Proliferation. <i>Molecular Biology of the Cell</i> , 2009, 20, 3840-3850.	2.1	92
11	Isolation and mass spectrometry of transcription factor complexes. <i>Methods</i> , 2002, 26, 260-269.	3.8	81
12	Human Ccr4-Not complex is a ligand-dependent repressor of nuclear receptor-mediated transcription. <i>EMBO Journal</i> , 2006, 25, 3089-3099.	7.8	80
13	Differential effects of garcinol and curcumin on histone and p53 modifications in tumour cells. <i>BMC Cancer</i> , 2013, 13, 37.	2.6	76
14	Deadenylation of cytoplasmic mRNA by the mammalian Ccr4-Not complex. <i>Biochemical Society Transactions</i> , 2012, 40, 896-901.	3.4	67
15	DNA damage and replication stress induced transcription of RNR genes is dependent on the Ccr4-Not complex. <i>Nucleic Acids Research</i> , 2005, 33, 6384-6392.	14.5	66
16	The Anti-Proliferative Activity of BTG/TOB Proteins Is Mediated via the Caf1a (CNOT7) and Caf1b (CNOT8) Deadenylase Subunits of the Ccr4-Not Complex. <i>PLoS ONE</i> , 2012, 7, e51331.	2.5	63
17	Structural basis of Lewis x antigen binding by the <i>Helicobacter pylori</i> adhesin BabA. <i>Science Advances</i> , 2015, 1, e1500315.	10.3	58
18	Modulation of Ubc4p/Ubc5p-Mediated Stress Responses by the RING-Finger-Dependent Ubiquitin-Protein Ligase Not4p in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2007, 176, 181-192.	2.9	48

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19	A non-proteolytic role for ubiquitin in deadenylation of MHC-I mRNA by the RNA-binding E3-ligase MEX-3C. <i>Nature Communications</i> , 2015, 6, 8670.	12.8	41
20	E2â€c-Cbl Recognition Is Necessary but not Sufficient for Ubiquitination Activity. <i>Journal of Molecular Biology</i> , 2009, 385, 507-519.	4.2	37
21	Affinity Purification of Human DNA Repair/Transcription Factor TFIIH Using Epitope-tagged Xeroderma Pigmentosum B Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 1092-1098.	3.4	35
22	Heterogeneity and complexity within the nuclease module of the Ccr4-Not complex. <i>Frontiers in Genetics</i> , 2013, 4, 296.	2.3	35
23	The enzyme activities of Caf1 and Ccr4 are both required for deadenylation by the human Ccr4â€Not nuclease module. <i>Biochemical Journal</i> , 2015, 469, 169-176.	3.7	28
24	Novel Functional Interactions between Nucleotide Excision DNA Repair Proteins Influencing the Enzymatic Activities of TFIIH, XPG, and ERCC1-XPF. <i>Biochemistry</i> , 2001, 40, 160-165.	2.5	26
25	A fluorescence-based assay suitable for quantitative analysis of deadenylase enzyme activity. <i>Nucleic Acids Research</i> , 2014, 42, e30-e30.	14.5	25
26	Phosphonium Polymethacrylates for Short Interfering RNA Delivery: Effect of Polymer and RNA Structural Parameters on Polyplex Assembly and Gene Knockdown. <i>Biomacromolecules</i> , 2015, 16, 3480-3490.	5.4	21
27	Improved expression and purification of the <i>Helicobacter pylori</i> adhesin BabA through the incorporation of a hexa-lysine tag. <i>Protein Expression and Purification</i> , 2015, 106, 25-30.	1.3	20
28	The central region of CNOT1 and CNOT9 stimulates deadenylation by the Ccr4â€Not nuclease module. <i>Biochemical Journal</i> , 2018, 475, 3437-3450.	3.7	19
29	From a DNA helicase to brittle hair. <i>Nature Genetics</i> , 1998, 20, 106-107.	21.4	13
30	Polymer siRNA conjugates synthesised by controlled radical polymerisation. <i>European Polymer Journal</i> , 2013, 49, 2861-2883.	5.4	12
31	Discovery, synthesis and biochemical profiling of purine-2,6-dione derivatives as inhibitors of the human poly(A)-selective ribonuclease Caf1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4219-4224.	2.2	10
32	Frequent loss of BTG1 activity and impaired interactions with the Caf1 subunit of the Ccr4â€Not deadenylase in non-Hodgkin lymphoma. <i>Leukemia and Lymphoma</i> , 2021, 62, 281-290.	1.3	9
33	Design of artificial metalloenzymes for the reduction of nicotinamide cofactors. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111446.	3.5	9
34	Structure of the human Ccr4â€Not nuclease module using X-ray crystallography and electron paramagnetic resonance spectroscopy distance measurements. <i>Protein Science</i> , 2022, 31, 758-764.	7.6	9
35	Introduction of a C-terminal hexa-lysine tag increases thermal stability of the LacDiNac binding adhesin (LabA) exodomain from <i>Helicobacter pylori</i> . <i>Protein Expression and Purification</i> , 2019, 163, 105446.	1.3	7
36	An Integrated Dyspepsia Module for First-year Pharmacy Students. <i>American Journal of Pharmaceutical Education</i> , 2019, 83, 6508.	2.1	7

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37	Structure-Based Approaches to Create New E2-E3 Enzyme Pairs. <i>Methods in Enzymology</i> , 2005, 399, 355-366.	1.0	6
38	Structural and binding characterization of the LacdiNAc-specific adhesin (LabA; HopD) exodomain from <i>Helicobacter pylori</i> . <i>Current Research in Structural Biology</i> , 2021, 3, 19-29.	2.2	4
39	1-Hydroxyxanthine derivatives inhibit the human Caf1 nuclease and Caf1-containing nuclease complexes via Mg ²⁺ -dependent binding. <i>FEBS Open Bio</i> , 2019, 9, 717-727.	2.3	3
40	Structural Model of the Human BTG2-PABPC1 Complex by Combining Mutagenesis, NMR Chemical Shift Perturbation Data and Molecular Docking. <i>Journal of Molecular Biology</i> , 2022, 434, 167662.	4.2	2
41	Bradykinin Receptors. , 2012, , 197-203.		0
42	BTG/TOB. , 2018, , 580-586.		0