

Rein Aasland

List of Publications by Year in descending order

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42
papers

4,840
citations

201674

27
h-index

345221

36
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45
all docs

45
docs citations

45
times ranked

7042
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding Specificity of ASHH2 CW Domain Toward H3K4me1 Ligand Is Coupled to Its Structural Stability Through Its α 1-Helix. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 763750.	3.5	0
2	The Arabidopsis (ASHH2) CW domain binds monomethylated K4 of the histone H3 tail through conformational selection. <i>FEBS Journal</i> , 2020, 287, 4458-4480.	4.7	4
3	¹ H, ¹³ C, and ¹⁵ N resonance assignments of CW domain of the N-methyltransferase ASHH2 free and bound to the mono-, di- and tri-methylated histone H3 tail peptides. <i>Biomolecular NMR Assignments</i> , 2018, 12, 215-220.	0.8	3
4	Proteolytic activity assayed by subcellular localization switching of a substrate. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 23-28.	1.3	0
5	Towards Rational Design of a Toxoid Vaccine against the Heat-Stable Toxin of <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2016, 84, 1239-1249.	2.2	26
6	The PHD finger of p300 Influences Its Ability to Acetylate Histone and Non-Histone Targets. <i>Journal of Molecular Biology</i> , 2014, 426, 3960-3972.	4.2	26
7	Characterization of Immunological Cross-Reactivity between Enterotoxigenic <i>Escherichia coli</i> Heat-Stable Toxin and Human Guanylin and Uroguanylin. <i>Infection and Immunity</i> , 2014, 82, 2913-2922.	2.2	18
8	Constitutive Nuclear Localization of an Alternatively Spliced Sirtuin-2 Isoform. <i>Journal of Molecular Biology</i> , 2014, 426, 1677-1691.	4.2	48
9	The CW domain, a new histone recognition module in chromatin proteins. <i>EMBO Journal</i> , 2011, 30, 1939-1952.	7.8	105
10	Structure of mammalian AMPK and its regulation by ADP. <i>Nature</i> , 2011, 472, 230-233.	27.8	761
11	Reading, writing and editing methylated lysines on histone tails: new insights from recent structural studies. <i>Current Opinion in Structural Biology</i> , 2010, 20, 730-738.	5.7	61
12	ELM: the status of the 2010 eukaryotic linear motif resource. <i>Nucleic Acids Research</i> , 2010, 38, D167-D180.	14.5	217
13	Heat-Stable Enterotoxin of Enterotoxigenic <i>Escherichia coli</i> as a Vaccine Target. <i>Infection and Immunity</i> , 2010, 78, 1824-1831.	2.2	77
14	Plasticity of Animal Genome Architecture Unmasked by Rapid Evolution of a Pelagic Tunicate. <i>Science</i> , 2010, 330, 1381-1385.	12.6	251
15	The <i>Schizosaccharomyces pombe</i> JmjC-Protein, Msc1, Prevents H2A.Z Localization in Centromeric and Subtelomeric Chromatin Domains. <i>PLoS Genetics</i> , 2009, 5, e1000726.	3.5	61
16	The Arabidopsis SET-domain protein ASHR3 is involved in stamen development and interacts with the bHLH transcription factor ABORTED MICROSPORES (AMS). <i>Plant Molecular Biology</i> , 2008, 66, 47-59.	3.9	69
17	Using hydropathy features for function prediction of membrane proteins. <i>Molecular Membrane Biology</i> , 2007, 24, 304-312.	2.0	4
18	Multiple epigenetic maintenance factors implicated by the loss of Mll2 in mouse development. <i>Development (Cambridge)</i> , 2006, 133, 1423-1432.	2.5	245

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19	Nomenclature for Protein Modules and Their Cognate Motifs. , 2005, , 477-486.		1
20	A new method for identification of protein (sub)families in a set of proteins based on hydropathy distribution in proteins. Proteins: Structure, Function and Bioinformatics, 2005, 58, 923-934.	2.6	52
21	Eap45 in Mammalian ESCRT-II Binds Ubiquitin via a Phosphoinositide-interacting GLUE Domain. Journal of Biological Chemistry, 2005, 280, 19600-19606.	3.4	152
22	The many colours of chromodomains. BioEssays, 2004, 26, 133-140.	2.5	161
23	Nucleosome Binding by the Bromodomain and PHD Finger of the Transcriptional Cofactor p300. Journal of Molecular Biology, 2004, 337, 773-788.	4.2	108
24	High Conservation of the Set1/Rad6 Axis of Histone 3 Lysine 4 Methylation in Budding and Fission Yeasts. Journal of Biological Chemistry, 2003, 278, 8487-8493.	3.4	84
25	Normalization of nomenclature for peptide motifs as ligands of modular protein domains. FEBS Letters, 2002, 513, 141-144.	2.8	118
26	The phosphatidylinositol 3-phosphate-binding FYVE finger. FEBS Letters, 2002, 513, 77-84.	2.8	181
27	The <i>S. cerevisiae</i> SET3 complex includes two histone deacetylases, Hos2 and Hst1, and is a meiotic-specific repressor of the sporulation gene program. Genes and Development, 2001, 15, 2991-3004.	5.9	250
28	Genetics and development. Current Opinion in Genetics and Development, 2000, 10, 129-138.	3.3	0
29	Genetics and development. Current Opinion in Genetics and Development, 2000, 10, 335-343.	3.3	0
30	Genetics and development. Current Opinion in Genetics and Development, 2000, 10, 1-10.	3.3	0
31	Genetics and development. Current Opinion in Genetics and Development, 1999, 9, 609-648.	3.3	0
32	FYVE fingers bind PtdIns(3)P. Nature, 1998, 394, 432-433.	27.8	537
33	Syntaxin-16, a putative Golgi t-SNARE. European Journal of Cell Biology, 1998, 75, 223-231.	3.6	106
34	The APECED polyglandular autoimmune syndrome protein, AIRE-1, contains the SAND domain and is probably a transcription factor. Trends in Biochemical Sciences, 1998, 23, 242-244.	7.5	147
35	A vasa-like gene in zebrafish identifies putative primordial germ cells. Mechanisms of Development, 1997, 66, 95-105.	1.7	231
36	Endosomal Localization of the Autoantigen EEA1 Is Mediated by a Zinc-binding FYVE Finger. Journal of Biological Chemistry, 1996, 271, 24048-24054.	3.4	416

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37	Growth requirements and oncogene expression in the human thyroid cell line SGHTL-34. <i>Apmis</i> , 1993, 101, 767-776.	2.0	3
38	Nuclear and mitochondrial forms of human uracil-DNA glycosylase are encoded by the same gene. <i>Nucleic Acids Research</i> , 1993, 21, 2579-2584.	14.5	131
39	Human uracil-DNA glycosylase complements <i>E. coli</i> ung mutants. <i>Nucleic Acids Research</i> , 1991, 19, 4473-4478.	14.5	34
40	Cell cycle regulation and in vitro hybrid arrest analysis of the major human uracil-DNA glycosylase. <i>Nucleic Acids Research</i> , 1991, 19, 5131-5137.	14.5	74
41	Chromosomal assignment of human uracil-DNA glycosylase to chromosome 12. <i>Genomics</i> , 1990, 7, 139-141.	2.9	17
42	Optimal conditions for hybridization with oligonucleotides: A study with myc-oncogene DNA probes. <i>Analytical Biochemistry</i> , 1988, 170, 193-202.	2.4	56