

Paul Tempst

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230
papers

63,933
citations

122
h-index

232
g-index

232
ext. papers

69,039
ext. citations

18.6
avg, IF

7.14
L-index

#	Paper	IF	Citations
230	Protein Biomarkers for Early Detection of Pancreatic Ductal Adenocarcinoma: Progress and Challenges. <i>Cancers</i> , 2018 , 10,	6.6	15
229	Deep Coverage of Global Protein Expression and Phosphorylation in Breast Tumor Cell Lines Using TMT 10-plex Isobaric Labeling. <i>Journal of Proteome Research</i> , 2017 , 16, 1121-1132	5.6	36
228	Unique Transcriptional Programs Identify Subtypes of AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1729-1740	12.7	58
227	EGFR feedback-inhibition by Ran-binding protein 6 is disrupted in cancer. <i>Nature Communications</i> , 2017 , 8, 2035	17.4	15
226	Large-Scale Interlaboratory Study to Develop, Analytically Validate and Apply Highly Multiplexed, Quantitative Peptide Assays to Measure Cancer-Relevant Proteins in Plasma. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2357-74	7.6	135
225	The histone variant MacroH2A1 regulates target gene expression in part by recruiting the transcriptional coregulator PELP1. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2437-49	4.8	16
224	Aminopeptidase activities as prospective urinary biomarkers for bladder cancer. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 317-26	3.1	9
223	TRIM3, a tumor suppressor linked to regulation of p21(Waf1/Cip1.). <i>Oncogene</i> , 2014 , 33, 308-15	9.2	38
222	Inhibition of circulating dipeptidyl peptidase 4 activity in patients with metastatic prostate cancer. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 3082-96	7.6	25
221	PRMT4 blocks myeloid differentiation by assembling a methyl-RUNX1-dependent repressor complex. <i>Cell Reports</i> , 2013 , 5, 1625-38	10.6	59
220	Proteasome-mediated processing of Def1, a critical step in the cellular response to transcription stress. <i>Cell</i> , 2013 , 154, 983-995	56.2	50
219	Design, implementation and multisite evaluation of a system suitability protocol for the quantitative assessment of instrument performance in liquid chromatography-multiple reaction monitoring-MS (LC-MRM-MS). <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2623-39	7.6	87
218	Mass-encoded, synthetic biomarkers and multiplexed urinary monitoring: new frontiers in disease monitoring. <i>Clinical Chemistry</i> , 2013 , 59, 1694-5	5.5	
217	Monoubiquitination of filamin B regulates vascular endothelial growth factor-mediated trafficking of histone deacetylase 7. <i>Molecular and Cellular Biology</i> , 2013 , 33, 1546-60	4.8	20
216	USP49 deubiquitinates histone H2B and regulates cotranscriptional pre-mRNA splicing. <i>Genes and Development</i> , 2013 , 27, 1581-95	12.6	71
215	LRPPRC is necessary for polyadenylation and coordination of translation of mitochondrial mRNAs. <i>EMBO Journal</i> , 2012 , 31, 443-56	13	195
214	NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. <i>Kidney International</i> , 2012 , 82, 718-22	9.9	80

213	Artemis C-terminal region facilitates V(D)J recombination through its interactions with DNA Ligase IV and DNA-PKcs. <i>Journal of Experimental Medicine</i> , 2012 , 209, 955-63	16.6	45
212	Architecture of the Mediator head module. <i>Nature</i> , 2011 , 475, 240-3	50.4	96
211	MTERF4 regulates translation by targeting the methyltransferase NSUN4 to the mammalian mitochondrial ribosome. <i>Cell Metabolism</i> , 2011 , 13, 527-39	24.6	190
210	L3MBTL2 protein acts in concert with PcG protein-mediated monoubiquitination of H2A to establish a repressive chromatin structure. <i>Molecular Cell</i> , 2011 , 42, 438-50	17.6	109
209	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. <i>Nature</i> , 2011 , 472, 476-80	50.4	994
208	PRC2 complexes with JARID2, MTF2, and esPRC2p48 in ES cells to modulate ES cell pluripotency and somatic cell reprogramming. <i>Stem Cells</i> , 2011 , 29, 229-40	5.8	118
207	Bromodomain protein 7 interacts with PRMT5 and PRC2, and is involved in transcriptional repression of their target genes. <i>Nucleic Acids Research</i> , 2011 , 39, 5424-38	20.1	70
206	Fas-associated death domain (FADD) and the E3 ubiquitin-protein ligase TRIM21 interact to negatively regulate virus-induced interferon production. <i>Journal of Biological Chemistry</i> , 2011 , 286, 6521-31	5.4	49
205	Superoxide dismutase 1 (SOD1) is a target for a small molecule identified in a screen for inhibitors of the growth of lung adenocarcinoma cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16375-80	11.5	89
204	Merlin/NF2 functions upstream of the nuclear E3 ubiquitin ligase CRL4DCAF1 to suppress oncogenic gene expression. <i>Science Signaling</i> , 2011 , 4, pt6	8.8	39
203	SETDB1 is involved in postembryonic DNA methylation and gene silencing in Drosophila. <i>PLoS ONE</i> , 2010 , 5, e10581	3.7	20
202	Interlaboratory study characterizing a yeast performance standard for benchmarking LC-MS platform performance. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 242-54	7.6	130
201	Merlin/NF2 suppresses tumorigenesis by inhibiting the E3 ubiquitin ligase CRL4(DCAF1) in the nucleus. <i>Cell</i> , 2010 , 140, 477-90	56.2	239
200	Processing of autophagic protein LC3 by the 20S proteasome. <i>Autophagy</i> , 2010 , 6, 126-37	10.2	76
199	Repeatability and reproducibility in proteomic identifications by liquid chromatography-tandem mass spectrometry. <i>Journal of Proteome Research</i> , 2010 , 9, 761-76	5.6	377
198	Analytical validation of protein-based multiplex assays: a workshop report by the NCI-FDA interagency oncology task force on molecular diagnostics. <i>Clinical Chemistry</i> , 2010 , 56, 237-43	5.5	49
197	Performance metrics for liquid chromatography-tandem mass spectrometry systems in proteomics analyses. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 225-41	7.6	147
196	Heterogeneous nuclear ribonucleoprotein L is a subunit of human KMT3a/Set2 complex required for H3 Lys-36 trimethylation activity in vivo. <i>Journal of Biological Chemistry</i> , 2009 , 284, 15701-7	5.4	76

195	Phagocytosis in macrophages lacking Cbl reveals an unsuspected role for Fc gamma receptor signaling and actin assembly in target binding. <i>Journal of Immunology</i> , 2009 , 182, 5654-62	5.3	15
194	The H3K4 demethylase lid associates with and inhibits histone deacetylase Rpd3. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1401-10	4.8	56
193	MTERF2 is a nucleoid component in mammalian mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 296-302	4.6	64
192	WSTF regulates the H2A.X DNA damage response via a novel tyrosine kinase activity. <i>Nature</i> , 2009 , 457, 57-62	50.4	314
191	Multi-site assessment of the precision and reproducibility of multiple reaction monitoring-based measurements of proteins in plasma. <i>Nature Biotechnology</i> , 2009 , 27, 633-41	44.5	859
190	Phosphorylation-dependent regulation of cytosolic localization and oncogenic function of Skp2 by Akt/PKB. <i>Nature Cell Biology</i> , 2009 , 11, 420-32	23.4	187
189	Monitoring peptidase activities in complex proteomes by MALDI-TOF mass spectrometry. <i>Nature Protocols</i> , 2009 , 4, 1167-83	18.8	23
188	Pathway-based biomarker search by high-throughput proteomics profiling of secretomes. <i>Journal of Proteome Research</i> , 2009 , 8, 1489-503	5.6	71
187	Ubiquitin ligase Nedd4L targets activated Smad2/3 to limit TGF-beta signaling. <i>Molecular Cell</i> , 2009 , 36, 457-68	17.6	264
186	Induced ncRNAs allosterically modify RNA-binding proteins in cis to inhibit transcription. <i>Nature</i> , 2008 , 454, 126-30	50.4	800
185	PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008 , 454, 961-7	50.4	1645
184	The HSA domain binds nuclear actin-related proteins to regulate chromatin-remodeling ATPases. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 469-76	17.6	154
183	Reversal of RNA polymerase II ubiquitylation by the ubiquitin protease Ubp3. <i>Molecular Cell</i> , 2008 , 30, 498-506	17.6	49
182	Regulation of the brown and white fat gene programs through a PRDM16/CtBP transcriptional complex. <i>Genes and Development</i> , 2008 , 22, 1397-409	12.6	340
181	JAMP optimizes ERAD to protect cells from unfolded proteins. <i>Molecular Biology of the Cell</i> , 2008 , 19, 5019-28	3.5	11
180	Role of integrins in the assembly and function of hennin in intercalated cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 1079-91	12.7	21
179	Methylation of RUNX1 by PRMT1 abrogates SIN3A binding and potentiates its transcriptional activity. <i>Genes and Development</i> , 2008 , 22, 640-53	12.6	131
178	HDAC6 is a specific deacetylase of peroxiredoxins and is involved in redox regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9633-8	11.5	242

177	Role of hPHF1 in H3K27 methylation and Hox gene silencing. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1862-72	4.8	139
176	A sequence-specific exopeptidase activity test (SSEAT) for "functional" biomarker discovery. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 509-18	7.6	74
175	Data analysis of assorted serum peptidome profiles. <i>Nature Protocols</i> , 2007 , 2, 588-602	18.8	32
174	The trithorax-group protein Lid is a histone H3 trimethyl-Lys4 demethylase. <i>Nature Structural and Molecular Biology</i> , 2007 , 14, 341-3	17.6	91
173	DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007 , 448, 714-7	50.4	1158
172	Regulation of cell cycle progression and gene expression by H2A deubiquitination. <i>Nature</i> , 2007 , 449, 1068-72	50.4	245
171	SIRT1 regulates the histone methyl-transferase SUV39H1 during heterochromatin formation. <i>Nature</i> , 2007 , 450, 440-4	50.4	336
170	Demethylation of histone H3K36 and H3K9 by Rph1: a vestige of an H3K9 methylation system in <i>Saccharomyces cerevisiae</i> ?. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3951-61	4.8	69
169	Ubiquitylation of histone H2B controls RNA polymerase II transcription elongation independently of histone H3 methylation. <i>Genes and Development</i> , 2007 , 21, 835-47	12.6	110
168	Myoferlin regulates vascular endothelial growth factor receptor-2 stability and function. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30745-53	5.4	82
167	Phosphorylation of thyroid hormone receptor-associated nuclear receptor corepressor holocomplex by the DNA-dependent protein kinase enhances its histone deacetylase activity. <i>Journal of Biological Chemistry</i> , 2007 , 282, 9312-9322	5.4	31
166	Genome-wide dynamics of SAPHIRE, an essential complex for gene activation and chromatin boundaries. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4058-69	4.8	20
165	NEDD4-1 is a proto-oncogenic ubiquitin ligase for PTEN. <i>Cell</i> , 2007 , 128, 129-39	56.2	524
164	Ubiquitination regulates PTEN nuclear import and tumor suppression. <i>Cell</i> , 2007 , 128, 141-56	56.2	572
163	Communication between distant sites in RNA polymerase II through ubiquitylation factors and the polymerase CTD. <i>Cell</i> , 2007 , 129, 57-68	56.2	58
162	The retinoblastoma binding protein RBP2 is an H3K4 demethylase. <i>Cell</i> , 2007 , 128, 889-900	56.2	343
161	L3MBTL1, a histone-methylation-dependent chromatin lock. <i>Cell</i> , 2007 , 129, 915-28	56.2	279
160	MTERF3 is a negative regulator of mammalian mtDNA transcription. <i>Cell</i> , 2007 , 130, 273-85	56.2	182

159	PLU-1 is an H3K4 demethylase involved in transcriptional repression and breast cancer cell proliferation. <i>Molecular Cell</i> , 2007 , 25, 801-12	17.6	387
158	A histone H2A deubiquitinase complex coordinating histone acetylation and H1 dissociation in transcriptional regulation. <i>Molecular Cell</i> , 2007 , 27, 609-21	17.6	232
157	Recognition of trimethylated histone H3 lysine 4 facilitates the recruitment of transcription postinitiation factors and pre-mRNA splicing. <i>Molecular Cell</i> , 2007 , 28, 665-76	17.6	426
156	Isolation and mass spectrometry of specific DNA binding proteins. <i>Methods in Molecular Biology</i> , 2006 , 338, 291-303	1.4	8
155	The RSC chromatin remodeling complex bears an essential fungal-specific protein module with broad functional roles. <i>Genetics</i> , 2006 , 172, 795-809	4	53
154	Serum peptidome patterns that distinguish metastatic thyroid carcinoma from cancer-free controls are unbiased by gender and age. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 1840-52	7.6	148
153	Defects in energy homeostasis in Leigh syndrome French Canadian variant through PGC-1alpha/LRP130 complex. <i>Genes and Development</i> , 2006 , 20, 2996-3009	12.6	77
152	Brd4 links chromatin targeting to HPV transcriptional silencing. <i>Genes and Development</i> , 2006 , 20, 2383-26.6	16.6	165
151	BAFF controls B cell metabolic fitness through a PKC beta- and Akt-dependent mechanism. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2551-62	16.6	159
150	PU.1 and a TTAAA element in the myeloid defensin-1 promoter create an operational TATA box that can impose cell specificity onto TFIID function. <i>Journal of Immunology</i> , 2006 , 176, 6906-17	5.3	12
149	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , 2006 , 172, 1045-56	7.3	89
148	JHDM2A, a JmjC-containing H3K9 demethylase, facilitates transcription activation by androgen receptor. <i>Cell</i> , 2006 , 125, 483-95	56.2	659
147	Hematopoiesis controlled by distinct TIF1gamma and Smad4 branches of the TGFbeta pathway. <i>Cell</i> , 2006 , 125, 929-41	56.2	299
146	A CK2-dependent mechanism for degradation of the PML tumor suppressor. <i>Cell</i> , 2006 , 126, 269-83	56.2	236
145	Histone H3 and H4 ubiquitylation by the CUL4-DDB-ROC1 ubiquitin ligase facilitates cellular response to DNA damage. <i>Molecular Cell</i> , 2006 , 22, 383-94	17.6	400
144	Automated serum peptide profiling. <i>Nature Protocols</i> , 2006 , 1, 880-91	18.8	63
143	Histone demethylation by a family of JmjC domain-containing proteins. <i>Nature</i> , 2006 , 439, 811-6	50.4	1553
142	The transcriptional repressor JHDM3A demethylates trimethyl histone H3 lysine 9 and lysine 36. <i>Nature</i> , 2006 , 442, 312-6	50.4	513

141	Highly efficient selenomethionine labeling of recombinant proteins produced in mammalian cells. <i>Protein Science</i> , 2006 , 15, 2008-13	6.3	34
140	Differential exoprotease activities confer tumor-specific serum peptidome patterns. <i>Journal of Clinical Investigation</i> , 2006 , 116, 271-84	15.9	593
139	Metazoan Scc4 homologs link sister chromatid cohesion to cell and axon migration guidance. <i>PLoS Biology</i> , 2006 , 4, e242	9.7	83
138	PARP-1 determines specificity in a retinoid signaling pathway via direct modulation of mediator. <i>Molecular Cell</i> , 2005 , 18, 83-96	17.6	193
137	Monoubiquitination of human histone H2B: the factors involved and their roles in HOX gene regulation. <i>Molecular Cell</i> , 2005 , 20, 601-11	17.6	367
136	A direct interaction between the RAG2 C terminus and the core histones is required for efficient V(D)J recombination. <i>Immunity</i> , 2005 , 23, 203-12	32.3	56
135	Phosphorylation and functional inactivation of TSC2 by Erk implications for tuberous sclerosis and cancer pathogenesis. <i>Cell</i> , 2005 , 121, 179-93	56.2	1019
134	ATP hydrolysis-dependent disassembly of the 26S proteasome is part of the catalytic cycle. <i>Cell</i> , 2005 , 121, 553-565	56.2	105
133	Multiple mechanisms confining RNA polymerase II ubiquitylation to polymerases undergoing transcriptional arrest. <i>Cell</i> , 2005 , 121, 913-23	56.2	181
132	The Drosophila fragile X protein functions as a negative regulator in the orb autoregulatory pathway. <i>Developmental Cell</i> , 2005 , 8, 331-42	10.2	82
131	Correcting common errors in identifying cancer-specific serum peptide signatures. <i>Journal of Proteome Research</i> , 2005 , 4, 1060-72	5.6	190
130	The human PAF complex coordinates transcription with events downstream of RNA synthesis. <i>Genes and Development</i> , 2005 , 19, 1668-73	12.6	165
129	Adhesion signaling by a novel mitotic substrate of src kinases. <i>Oncogene</i> , 2005 , 24, 5333-43	9.2	102
128	Coatmer-bound Cdc42 regulates dynein recruitment to COPI vesicles. <i>Journal of Cell Biology</i> , 2005 , 169, 383-9	7.3	84
127	Physical and functional interaction between Elongator and the chromatin-associated Kti12 protein. <i>Journal of Biological Chemistry</i> , 2005 , 280, 19454-60	5.4	27
126	S-nitroso proteome of Mycobacterium tuberculosis: Enzymes of intermediary metabolism and antioxidant defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 467-72	11.5	147
125	Distilling cancer biomarkers from the serum peptidome: high technology reading of tea leaves or an insight to clinical systems biology?. <i>Journal of Clinical Oncology</i> , 2005 , 23, 4835-7	2.2	22
124	The histone chaperone TAF-I/SET/INHAT is required for transcription in vitro of chromatin templates. <i>Molecular and Cellular Biology</i> , 2005 , 25, 797-807	4.8	56

123	Regulation of 2-oxoglutarate (alpha-ketoglutarate) dehydrogenase stability by the RING finger ubiquitin ligase Siah. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53782-8	5.4	46
122	PINdb: a database of nuclear protein complexes from human and yeast. <i>Bioinformatics</i> , 2004 , 20, 1413-5	7.2	32
121	Mutual targeting of mediator and the TFIID kinase Kin28. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29154-20	34	36
120	The Yaf9 component of the SWR1 and NuA4 complexes is required for proper gene expression, histone H4 acetylation, and Htz1 replacement near telomeres. <i>Molecular and Cellular Biology</i> , 2004 , 24, 9424-36	4.8	91
119	Human Mob proteins regulate the NDR1 and NDR2 serine-threonine kinases. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24444-51	5.4	77
118	A prototype antibody microarray platform to monitor changes in protein tyrosine phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2004 , 3, 1102-18	7.6	87
117	Human SWI/SNF-associated PRMT5 methylates histone H3 arginine 8 and negatively regulates expression of ST7 and NM23 tumor suppressor genes. <i>Molecular and Cellular Biology</i> , 2004 , 24, 9630-45	4.8	470
116	A new role for Nogo as a regulator of vascular remodeling. <i>Nature Medicine</i> , 2004 , 10, 382-8	50.5	192
115	Tandem bromodomains in the chromatin remodeler RSC recognize acetylated histone H3 Lys14. <i>EMBO Journal</i> , 2004 , 23, 1348-59	13	189
114	Cleavage and proteasome-mediated degradation of the basal transcription factor TFIIA. <i>EMBO Journal</i> , 2004 , 23, 3083-91	13	22
113	Role of histone H2A ubiquitination in Polycomb silencing. <i>Nature</i> , 2004 , 431, 873-8	50.4	1264
112	Regulation of p53 activity through lysine methylation. <i>Nature</i> , 2004 , 432, 353-60	50.4	620
111	OvaCheck: let's not dismiss the concept. <i>Nature</i> , 2004 , 430, 611	50.4	12
110	Rictor, a novel binding partner of mTOR, defines a rapamycin-insensitive and raptor-independent pathway that regulates the cytoskeleton. <i>Current Biology</i> , 2004 , 14, 1296-302	6.3	2067
109	Suppression of mitochondrial respiration through recruitment of p160 myb binding protein to PGC-1alpha: modulation by p38 MAPK. <i>Genes and Development</i> , 2004 , 18, 278-89	12.6	239
108	Serum peptide profiling by magnetic particle-assisted, automated sample processing and MALDI-TOF mass spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 1560-70	7.8	435
107	Siah2 regulates stability of prolyl-hydroxylases, controls HIF1alpha abundance, and modulates physiological responses to hypoxia. <i>Cell</i> , 2004 , 117, 941-52	56.2	333
106	Histone deimination antagonizes arginine methylation. <i>Cell</i> , 2004 , 118, 545-53	56.2	655

105	Cytosol-derived proteins are sufficient for Arp2/3 recruitment and ARF/coatomer-dependent actin polymerization on Golgi membranes. <i>FEBS Letters</i> , 2004 , 566, 281-6	3.8	50
104	Human SirT1 interacts with histone H1 and promotes formation of facultative heterochromatin. <i>Molecular Cell</i> , 2004 , 16, 93-105	17.6	696
103	Different EZH2-containing complexes target methylation of histone H1 or nucleosomal histone H3. <i>Molecular Cell</i> , 2004 , 14, 183-93	17.6	374
102	Delayed-late activation of a myeloid defensin minimal promoter by retinoids and inflammatory mediators. <i>Leukemia Research</i> , 2004 , 28, 879-89	2.7	5
101	Cytosol-derived proteins are sufficient for Arp2/3 recruitment and ARF/coatomer-dependent actin polymerization on Golgi membranes 2004 , 566, 281		0
100	Parkinson's disease-associated alpha-synuclein is a calmodulin substrate. <i>Journal of Biological Chemistry</i> , 2003 , 278, 17379-87	5.4	59
99	Revised subunit structure of yeast transcription factor IIIH (TFIIH) and reconciliation with human TFIIH. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43897-900	5.4	30
98	mSin3A/histone deacetylase 2- and PRMT5-containing Brg1 complex is involved in transcriptional repression of the Myc target gene cad. <i>Molecular and Cellular Biology</i> , 2003 , 23, 7475-87	4.8	209
97	The C-terminal domain phosphatase and transcription elongation activities of FCP1 are regulated by phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2328-33	11.5	26
96	The budding yeast Rad9 checkpoint complex: chaperone proteins are required for its function. <i>EMBO Reports</i> , 2003 , 4, 953-8	6.5	17
95	mAM facilitates conversion by ESET of dimethyl to trimethyl lysine 9 of histone H3 to cause transcriptional repression. <i>Molecular Cell</i> , 2003 , 12, 475-87	17.6	268
94	Nab2p and the Thp1p-Sac3p complex functionally interact at the interface between transcription and mRNA metabolism. <i>Journal of Biological Chemistry</i> , 2003 , 278, 24225-32	5.4	84
93	GbetaL, a positive regulator of the rapamycin-sensitive pathway required for the nutrient-sensitive interaction between raptor and mTOR. <i>Molecular Cell</i> , 2003 , 11, 895-904	17.6	747
92	Affinity capture of specific DNA-binding proteins for mass spectrometric identification. <i>Analytical Chemistry</i> , 2003 , 75, 6437-48	7.8	34
91	ASAP, a novel protein complex involved in RNA processing and apoptosis. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2981-90	4.8	99
90	Catalytic properties of ADAM19. <i>Journal of Biological Chemistry</i> , 2003 , 278, 22331-40	5.4	101
89	The laminin receptor modulates granulocyte-macrophage colony-stimulating factor receptor complex formation and modulates its signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14000-5	11.5	22
88	Proteolytic cleavage of MLL generates a complex of N- and C-terminal fragments that confers protein stability and subnuclear localization. <i>Molecular and Cellular Biology</i> , 2003 , 23, 186-94	4.8	188

87	Methylation of H3-lysine 79 is mediated by a new family of HMTases without a SET domain. <i>Current Biology</i> , 2002 , 12, 1052-8	6.3	644
86	Purification and functional characterization of SET8, a nucleosomal histone H4-lysine 20-specific methyltransferase. <i>Current Biology</i> , 2002 , 12, 1086-99	6.3	262
85	The RNA processing exosome is linked to elongating RNA polymerase II in Drosophila. <i>Nature</i> , 2002 , 420, 837-41	50.4	208
84	A Rad26-Def1 complex coordinates repair and RNA pol II proteolysis in response to DNA damage. <i>Nature</i> , 2002 , 415, 929-33	50.4	188
83	Identification and functional characterization of the p66/p68 components of the MeCP1 complex. <i>Molecular and Cellular Biology</i> , 2002 , 22, 536-46	4.8	64
82	Purification and characterization of the human elongator complex. <i>Journal of Biological Chemistry</i> , 2002 , 277, 3047-52	5.4	191
81	A complex of the Srb8, -9, -10, and -11 transcriptional regulatory proteins from yeast. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44202-7	5.4	131
80	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, 3517-22 ^{1.5}	4.8	424
79	Lysine methylation within the globular domain of histone H3 by Dot1 is important for telomeric silencing and Sir protein association. <i>Genes and Development</i> , 2002 , 16, 1518-27	12.6	396
78	Role of the Sin3-histone deacetylase complex in growth regulation by the candidate tumor suppressor p33(ING1). <i>Molecular and Cellular Biology</i> , 2002 , 22, 835-48	4.8	193
77	Histone methyltransferase activity associated with a human multiprotein complex containing the Enhancer of Zeste protein. <i>Genes and Development</i> , 2002 , 16, 2893-905	12.6	1223
76	Set9, a novel histone H3 methyltransferase that facilitates transcription by precluding histone tail modifications required for heterochromatin formation. <i>Genes and Development</i> , 2002 , 16, 479-89	12.6	426
75	The core of the polycomb repressive complex is compositionally and functionally conserved in flies and humans. <i>Molecular and Cellular Biology</i> , 2002 , 22, 6070-8	4.8	311
74	Role of histone H3 lysine 27 methylation in Polycomb-group silencing. <i>Science</i> , 2002 , 298, 1039-43	33.3	2794
73	Metabolic enzymes of mycobacteria linked to antioxidant defense by a thioredoxin-like protein. <i>Science</i> , 2002 , 295, 1073-7	33.3	339
72	P-Rex1, a PtdIns(3,4,5)P3- and Gbetagamma-regulated guanine-nucleotide exchange factor for Rac. <i>Cell</i> , 2002 , 108, 809-21	56.2	429
71	mTOR interacts with raptor to form a nutrient-sensitive complex that signals to the cell growth machinery. <i>Cell</i> , 2002 , 110, 163-75	56.2	2322
70	Conversion of proepithelin to epithelins: roles of SLPI and elastase in host defense and wound repair. <i>Cell</i> , 2002 , 111, 867-78	56.2	510

69	Isolation and mass spectrometry of transcription factor complexes. <i>Methods</i> , 2002 , 26, 260-9	4.6	76
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