

Paul Tempst

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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	Role of histone H3 lysine 27 methylation in Polycomb-group silencing. <i>Science</i> , 2002 , 298, 1039-43	33.3	2794
229	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
228	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
227	Cloning of p27Kip1, a cyclin-dependent kinase inhibitor and a potential mediator of extracellular antimitogenic signals. <i>Cell</i> , 1994 , 78, 59-66	56.2	1928
226	PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008 , 454, 961-7	50.4	1645
225	Histone demethylation by a family of JmjC domain-containing proteins. <i>Nature</i> , 2006 , 439, 811-6	50.4	1553
224	Role of histone H2A ubiquitination in Polycomb silencing. <i>Nature</i> , 2004 , 431, 873-8	50.4	1264
223	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
222	Protein S-nitrosylation: a physiological signal for neuronal nitric oxide. <i>Nature Cell Biology</i> , 2001 , 3, 193-203	23.4	1208
221	RAFT1: a mammalian protein that binds to FKBP12 in a rapamycin-dependent fashion and is homologous to yeast TORs. <i>Cell</i> , 1994 , 78, 35-43	56.2	1186
220	DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007 , 448, 714-7	50.4	1158
219	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
218	TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. <i>Nature</i> , 2011 , 472, 476-80	50.4	994
217	Protein kinase B kinases that mediate phosphatidylinositol 3,4,5-trisphosphate-dependent activation of protein kinase B. <i>Science</i> , 1998 , 279, 710-4	33.3	921
216	Immobilized gallium(III) affinity chromatography of phosphopeptides. <i>Analytical Chemistry</i> , 1999 , 71, 2883-92	7.8	891
215	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
214	Induced ncRNAs allosterically modify RNA-binding proteins in cis to inhibit transcription. <i>Nature</i> , 2008 , 454, 126-30	50.4	800

213	The transcriptional activity of NF-kappaB is regulated by the IkappaB-associated PKAc subunit through a cyclic AMP-independent mechanism. <i>Cell</i> , 1997 , 89, 413-24	56.2	748
212	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
211	Human SirT1 interacts with histone H1 and promotes formation of facultative heterochromatin. <i>Molecular Cell</i> , 2004 , 16, 93-105	17.6	696
210	MBD2 is a transcriptional repressor belonging to the MeCP1 histone deacetylase complex. <i>Nature Genetics</i> , 1999 , 23, 58-61	36.3	692
209	Role of the inositol phosphatase SHIP in negative regulation of the immune system by the receptor Fc(gamma)RIIB. <i>Nature</i> , 1996 , 383, 263-6	50.4	670
208	JHDM2A, a JmjC-containing H3K9 demethylase, facilitates transcription activation by androgen receptor. <i>Cell</i> , 2006 , 125, 483-95	56.2	659
207	Histone deimination antagonizes arginine methylation. <i>Cell</i> , 2004 , 118, 545-53	56.2	655
206	Ligand-dependent transcription activation by nuclear receptors requires the DRIP complex. <i>Nature</i> , 1999 , 398, 824-8	50.4	646
205	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
204	Regulation of p53 activity through lysine methylation. <i>Nature</i> , 2004 , 432, 353-60	50.4	620
203	Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation. <i>Molecular Cell</i> , 1999 , 3, 109-18	17.6	614
202	Methylation of histone H4 at arginine 3 facilitating transcriptional activation by nuclear hormone receptor. <i>Science</i> , 2001 , 293, 853-7	33.3	603
201	Erythroid transcription factor NF-E2 is a haematopoietic-specific basic-leucine zipper protein. <i>Nature</i> , 1993 , 362, 722-8	50.4	597
200	RSC, an essential, abundant chromatin-remodeling complex. <i>Cell</i> , 1996 , 87, 1249-60	56.2	595
199	Differential exoprotease activities confer tumor-specific serum peptidome patterns. <i>Journal of Clinical Investigation</i> , 2006 , 116, 271-84	15.9	593
198	Ubiquitination regulates PTEN nuclear import and tumor suppression. <i>Cell</i> , 2007 , 128, 141-56	56.2	572
197	NEDD4-1 is a proto-oncogenic ubiquitin ligase for PTEN. <i>Cell</i> , 2007 , 128, 129-39	56.2	524
196	The transcriptional repressor JHDM3A demethylates trimethyl histone H3 lysine 9 and lysine 36. <i>Nature</i> , 2006 , 442, 312-6	50.4	513

195	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
194	Histone deacetylases and SAP18, a novel polypeptide, are components of a human Sin3 complex. <i>Cell</i> , 1997 , 89, 357-64	56.2	500
193	An iron delivery pathway mediated by a lipocalin. <i>Molecular Cell</i> , 2002 , 10, 1045-56	17.6	492
192	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
191	PR-Set7 is a nucleosome-specific methyltransferase that modifies lysine 20 of histone H4 and is associated with silent chromatin. <i>Molecular Cell</i> , 2002 , 9, 1201-13	17.6	462
190	COMPASS: a complex of proteins associated with a trithorax-related SET domain protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 12902-7	11.5	438
189	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
188	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
187	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
186	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
185	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	11.5	424
184	Purification and functional characterization of a histone H3-lysine 4-specific methyltransferase. <i>Molecular Cell</i> , 2001 , 8, 1207-17	17.6	422
183	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
182	A novel histone acetyltransferase is an integral subunit of elongating RNA polymerase II holoenzyme. <i>Molecular Cell</i> , 1999 , 4, 123-8	17.6	398
181	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
180	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
179	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
178	Different EZH2-containing complexes target methylation of histone H1 or nucleosomal histone H3. <i>Molecular Cell</i> , 2004 , 14, 183-93	17.6	374

177	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
176	PtdIns(3)P regulates the neutrophil oxidase complex by binding to the PX domain of p40(phox). <i>Nature Cell Biology</i> , 2001 , 3, 679-82	23.4	361
175	The retinoblastoma binding protein RBP2 is an H3K4 demethylase. <i>Cell</i> , 2007 , 128, 889-900	56.2	343
174	Protein folding in the central cavity of the GroEL-GroES chaperonin complex. <i>Nature</i> , 1996 , 379, 420-6	50.4	341
173	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
172	Metabolic enzymes of mycobacteria linked to antioxidant defense by a thioredoxin-like protein. <i>Science</i> , 2002 , 295, 1073-7	33.3	339
171	SIRT1 regulates the histone methyl-transferase SUV39H1 during heterochromatin formation. <i>Nature</i> , 2007 , 450, 440-4	50.4	336
170	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
169	A Drosophila Polycomb group complex includes Zeste and dTAFII proteins. <i>Nature</i> , 2001 , 412, 655-60	50.4	331
168	Evidence for a role of a tumor necrosis factor-alpha (TNF-alpha)-converting enzyme-like protease in shedding of TRANCE, a TNF family member involved in osteoclastogenesis and dendritic cell survival. <i>Journal of Biological Chemistry</i> , 1999 , 274, 13613-8	5.4	330
167	WSTF regulates the H2A.X DNA damage response via a novel tyrosine kinase activity. <i>Nature</i> , 2009 , 457, 57-62	50.4	314
166	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
165	Hematopoiesis controlled by distinct TIF1gamma and Smad4 branches of the TGFbeta pathway. <i>Cell</i> , 2006 , 125, 929-41	56.2	299
164	L3MBTL1, a histone-methylation-dependent chromatin lock. <i>Cell</i> , 2007 , 129, 915-28	56.2	279
163	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
162	Ubiquitin ligase Nedd4L targets activated Smad2/3 to limit TGF-beta signaling. <i>Molecular Cell</i> , 2009 , 36, 457-68	17.6	264
161	Metalloprotease-disintegrin MDC9: intracellular maturation and catalytic activity. <i>Journal of Biological Chemistry</i> , 1999 , 274, 3531-40	5.4	263
160	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

159	Identification of ARAP3, a novel PI3K effector regulating both Arf and Rho GTPases, by selective capture on phosphoinositide affinity matrices. <i>Molecular Cell</i> , 2002 , 9, 95-108	17.6	252
158	SAP30, a novel protein conserved between human and yeast, is a component of a histone deacetylase complex. <i>Molecular Cell</i> , 1998 , 1, 1021-31	17.6	245
157	Regulation of cell cycle progression and gene expression by H2A deubiquitination. <i>Nature</i> , 2007 , 449, 1068-72	50.4	245
156	Mesenchymal to epithelial conversion in rat metanephros is induced by LIF. <i>Cell</i> , 1999 , 99, 377-86	56.2	244
155	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
154	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
153	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
152	A novel Rad24 checkpoint protein complex closely related to replication factor C. <i>Current Biology</i> , 2000 , 10, 39-42	6.3	238
151	A CK2-dependent mechanism for degradation of the PML tumor suppressor. <i>Cell</i> , 2006 , 126, 269-83	56.2	236
150	A protein complex containing Tho2, Hpr1, Mft1 and a novel protein, Thp2, connects transcription elongation with mitotic recombination in <i>Saccharomyces cerevisiae</i> . <i>EMBO Journal</i> , 2000 , 19, 5824-34	13	233
149	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
148	mSin3A/histone deacetylase 2- and PRMT5-containing Brg1 complex is involved in transcriptional repression of the Myc target gene <i>cad</i> . <i>Molecular and Cellular Biology</i> , 2003 , 23, 7475-87	4.8	209
147	The RNA processing exosome is linked to elongating RNA polymerase II in <i>Drosophila</i> . <i>Nature</i> , 2002 , 420, 837-41	50.4	208
146	Five members of a novel Ca(2+)-binding protein (CABP) subfamily with similarity to calmodulin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1247-60	5.4	206
145	Examination of micro-tip reversed-phase liquid chromatographic extraction of peptide pools for mass spectrometric analysis. <i>Journal of Chromatography A</i> , 1998 , 826, 167-81	4.5	200
144	Isolation and characterization of abaecin, a major antibacterial response peptide in the honeybee (<i>Apis mellifera</i>). <i>FEBS Journal</i> , 1990 , 187, 381-6		200
143	LRPPRC is necessary for polyadenylation and coordination of translation of mitochondrial mRNAs. <i>EMBO Journal</i> , 2012 , 31, 443-56	13	195
142	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

141	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
140	A new role for Nogo as a regulator of vascular remodeling. <i>Nature Medicine</i> , 2004 , 10, 382-8	50.5	192
139	Purification and characterization of the human elongator complex. <i>Journal of Biological Chemistry</i> , 2002 , 277, 3047-52	5.4	191
138	MTERF4 regulates translation by targeting the methyltransferase NSUN4 to the mammalian mitochondrial ribosome. <i>Cell Metabolism</i> , 2011 , 13, 527-39	24.6	190
137	Correcting common errors in identifying cancer-specific serum peptide signatures. <i>Journal of Proteome Research</i> , 2005 , 4, 1060-72	5.6	190
136	Tandem bromodomains in the chromatin remodeler RSC recognize acetylated histone H3 Lys14. <i>EMBO Journal</i> , 2004 , 23, 1348-59	13	189
135	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
134	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
133	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
132	Two functionally distinct forms of the RSC nucleosome-remodeling complex, containing essential AT hook, BAH, and bromodomains. <i>Molecular Cell</i> , 1999 , 4, 715-23	17.6	183
131	MTERF3 is a negative regulator of mammalian mtDNA transcription. <i>Cell</i> , 2007 , 130, 273-85	56.2	182
130	Multiple mechanisms confining RNA polymerase II ubiquitylation to polymerases undergoing transcriptional arrest. <i>Cell</i> , 2005 , 121, 913-23	56.2	181
129	Peptide methionine sulfoxide reductase from Escherichia coli and Mycobacterium tuberculosis protects bacteria against oxidative damage from reactive nitrogen intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9901-6	11.5	175
128	Two actin-related proteins are shared functional components of the chromatin-remodeling complexes RSC and SWI/SNF. <i>Molecular Cell</i> , 1998 , 2, 639-51	17.6	172
127	Heterogeneous fatty acylation of Src family kinases with polyunsaturated fatty acids regulates raft localization and signal transduction. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30987-94	5.4	172
126	Brd4 links chromatin targeting to HPV transcriptional silencing. <i>Genes and Development</i> , 2006 , 20, 2383-96	26.6	165
125	The human PAF complex coordinates transcription with events downstream of RNA synthesis. <i>Genes and Development</i> , 2005 , 19, 1668-73	12.6	165
124	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

123	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
122	Internal sequence analysis of proteins separated on polyacrylamide gels at the submicrogram level: improved methods, applications and gene cloning strategies. <i>Electrophoresis</i> , 1990 , 11, 537-53	3.6	152
121	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
120	A Rsc3/Rsc30 zinc cluster dimer reveals novel roles for the chromatin remodeler RSC in gene expression and cell cycle control. <i>Molecular Cell</i> , 2001 , 7, 741-51	17.6	148
119	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
118	S-nitroso proteome of <i>Mycobacterium tuberculosis</i> : 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
117	Co-translational domain folding as the structural basis for the rapid de novo folding of firefly luciferase. <i>Nature Structural Biology</i> , 1999 , 6, 697-705		145
116	A Novel SH2-Containing Phosphatidylinositol 3,4,5-Trisphosphate 5-Phosphatase (SHIP2) Is Constitutively Tyrosine Phosphorylated and Associated With src Homologous and Collagen Gene (SHC) in Chronic Myelogenous Leukemia Progenitor Cells. <i>Blood</i> , 1999 , 93, 2707-2720	2.2	141
115	An ikaros-containing chromatin-remodeling complex in adult-type erythroid cells. <i>Molecular and Cellular Biology</i> , 2000 , 20, 7572-82	4.8	140
114	Role of hPHF1 in H3K27 methylation and Hox gene silencing. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1862-72	4.8	139
113	RNA polymerase II elongator holoenzyme is composed of two discrete subcomplexes. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32743-9	5.4	139
112	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
111	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
110	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
109	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
108	Induction of terminal differentiation in epithelial cells requires polymerization of hensin by galectin 3. <i>Journal of Cell Biology</i> , 2000 , 151, 1235-46	7.3	122
107	The genome-wide localization of Rsc9, a component of the RSC chromatin-remodeling complex, changes in response to stress. <i>Molecular Cell</i> , 2002 , 9, 563-73	17.6	119
106	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

105	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
104	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
103	Examination of automated polypeptide sequencing using standard phenyl isothiocyanate reagent and subpicomole high-performance liquid chromatographic analysis. <i>Analytical Biochemistry</i> , 1989 , 183, 290-300	3.1	106
102	ATP hydrolysis-dependent disassembly of the 26S proteasome is part of the catalytic cycle. <i>Cell</i> , 2005 , 121, 553-565	56.2	105
101	Adhesion signaling by a novel mitotic substrate of src kinases. <i>Oncogene</i> , 2005 , 24, 5333-43	9.2	102
100	Catalytic properties of ADAM19. <i>Journal of Biological Chemistry</i> , 2003 , 278, 22331-40	5.4	101
99	Lethal effects of apidaecin on Escherichia coli involve sequential molecular interactions with diverse targets. <i>Journal of Biological Chemistry</i> , 1999 , 274, 32555-64	5.4	100
98	ASAP, a novel protein complex involved in RNA processing and apoptosis. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2981-90	4.8	99
97	Architecture of the Mediator head module. <i>Nature</i> , 2011 , 475, 240-3	50.4	96
96	T-loop phosphorylation stabilizes the CDK7-cyclin H-MAT1 complex in vivo and regulates its CTD kinase activity. <i>EMBO Journal</i> , 2001 , 20, 3749-59	13	95
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	Coatmer-bound Cdc42 regulates dynein recruitment to COPI vesicles. <i>Journal of Cell Biology</i> , 2005 , 169, 383-9	7.3	84

87	Metazoan Scc4 homologs link sister chromatid cohesion to cell and axon migration guidance. <i>PLoS Biology</i> , 2006 , 4, e242	9.7	83
86	Myoferlin regulates vascular endothelial growth factor receptor-2 stability and function. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30745-53	5.4	82
85	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
84	Tuning of an electrospray ionization source for maximum peptide-ion transmission into a mass spectrometer. <i>Analytical Chemistry</i> , 2000 , 72, 777-90	7.8	82
83	NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. <i>Kidney International</i> , 2012 , 82, 718-22	9.9	80
82	Activated ADP-ribosylation factor assembles distinct pools of actin on golgi membranes. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18824-9	5.4	79
81	Methodical analysis of protein-nitrocellulose interactions to design a refined digestion protocol. <i>Analytical Biochemistry</i> , 1996 , 241, 156-66	3.1	79
80	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
79	Human Mob proteins regulate the NDR1 and NDR2 serine-threonine kinases. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24444-51	5.4	77
78	Processing of autophagic protein LC3 by the 20S proteasome. <i>Autophagy</i> , 2010 , 6, 126-37	10.2	76
77	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
76	Isolation and mass spectrometry of transcription factor complexes. <i>Methods</i> , 2002 , 26, 260-9	4.6	76
75	A sequence-specific exopeptidase activity test (SSEAT) for "functional" biomarker discovery. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 509-18	7.6	74
74	USP49 deubiquitinates histone H2B and regulates cotranscriptional pre-mRNA splicing. <i>Genes and Development</i> , 2013 , 27, 1581-95	12.6	71
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