

Paul Tempst

List of Publications by Year in descending order

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230
papers

72,951
citations

588

125
h-index

1158

229
g-index

232
all docs

232
docs citations

232
times ranked

67759
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Role of Histone H3 Lysine 27 Methylation in Polycomb-Group Silencing. <i>Science</i> , 2002, 298, 1039-1043. | 12.6 | 3,294 |
| 2 | mTOR Interacts with Raptor to Form a Nutrient-Sensitive Complex that Signals to the Cell Growth Machinery. <i>Cell</i> , 2002, 110, 163-175. | 28.9 | 2,673 |
| 3 | 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, 1296-1302. | 3.9 | 2,370 |
| 4 | Cloning of p27Kip1, a cyclin-dependent kinase inhibitor and a potential mediator of extracellular antimitogenic signals. <i>Cell</i> , 1994, 78, 59-66. | 28.9 | 2,065 |
| 5 | PRDM16 controls a brown fat/skeletal muscle switch. <i>Nature</i> , 2008, 454, 961-967. | 27.8 | 1,997 |
| 6 | Histone demethylation by a family of JmjC domain-containing proteins. <i>Nature</i> , 2006, 439, 811-816. | 27.8 | 1,846 |
| 7 | Role of histone H2A ubiquitination in Polycomb silencing. <i>Nature</i> , 2004, 431, 873-878. | 27.8 | 1,502 |
| 8 | Histone methyltransferase activity associated with a human multiprotein complex containing the Enhancer of Zeste protein. <i>Genes and Development</i> , 2002, 16, 2893-2905. | 5.9 | 1,430 |
| 9 | DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007, 448, 714-717. | 27.8 | 1,369 |
| 10 | 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. | 28.9 | 1,355 |
| 11 | Protein S-nitrosylation: a physiological signal for neuronal nitric oxide. <i>Nature Cell Biology</i> , 2001, 3, 193-197. | 10.3 | 1,321 |
| 12 | TLR signalling augments macrophage bactericidal activity through mitochondrial ROS. <i>Nature</i> , 2011, 472, 476-480. | 27.8 | 1,303 |
| 13 | Phosphorylation and Functional Inactivation of TSC2 by Erk. <i>Cell</i> , 2005, 121, 179-193. | 28.9 | 1,132 |
| 14 | Protein Kinase B Kinases That Mediate Phosphatidylinositol 3,4,5-Trisphosphate-Dependent Activation of Protein Kinase B. <i>Science</i> , 1998, 279, 710-714. | 12.6 | 992 |
| 15 | Immobilized Gallium(III) Affinity Chromatography of Phosphopeptides. <i>Analytical Chemistry</i> , 1999, 71, 2883-2892. | 6.5 | 958 |
| 16 | Multi-site assessment of the precision and reproducibility of multiple reaction monitoring-based measurements of proteins in plasma. <i>Nature Biotechnology</i> , 2009, 27, 633-641. | 17.5 | 958 |
| 17 | Induced ncRNAs allosterically modify RNA-binding proteins in cis to inhibit transcription. <i>Nature</i> , 2008, 454, 126-130. | 27.8 | 904 |
| 18 | GÎ2L, 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. | 9.7 | 883 |

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|----|--|------|-----------|
| 19 | The Transcriptional Activity of NF- κ B Is Regulated by the κ B-Associated PKAc Subunit through a Cyclic AMP-Independent Mechanism. Cell, 1997, 89, 413-424. | 28.9 | 798 |
| 20 | Human SirT1 Interacts with Histone H1 and Promotes Formation of Facultative Heterochromatin. Molecular Cell, 2004, 16, 93-105. | 9.7 | 796 |
| 21 | MBD2 is a transcriptional repressor belonging to the MeCP1 histone deacetylase complex. Nature Genetics, 1999, 23, 58-61. | 21.4 | 783 |
| 22 | Methylation of H3-Lysine 79 Is Mediated by a New Family of HMTases without a SET Domain. Current Biology, 2002, 12, 1052-1058. | 3.9 | 748 |
| 23 | Histone Deimination Antagonizes Arginine Methylation. Cell, 2004, 118, 545-553. | 28.9 | 744 |
| 24 | JHDM2A, a JmjC-Containing H3K9 Demethylase, Facilitates Transcription Activation by Androgen Receptor. Cell, 2006, 125, 483-495. | 28.9 | 737 |
| 25 | Role of the inositol phosphatase SHIP in negative regulation of the immune system by the receptor Fe γ RIIB. Nature, 1996, 383, 263-266. | 27.8 | 734 |
| 26 | Elongator, a Multisubunit Component of a Novel RNA Polymerase II Holoenzyme for Transcriptional Elongation. Molecular Cell, 1999, 3, 109-118. | 9.7 | 713 |
| 27 | Regulation of p53 activity through lysine methylation. Nature, 2004, 432, 353-360. | 27.8 | 706 |
| 28 | Ligand-dependent transcription activation by nuclear receptors requires the DRIP complex. Nature, 1999, 398, 824-828. | 27.8 | 692 |
| 29 | Differential exoprotease activities confer tumor-specific serum peptidome patterns. Journal of Clinical Investigation, 2005, 116, 271-284. | 8.2 | 683 |
| 30 | Methylation of Histone H4 at Arginine 3 Facilitating Transcriptional Activation by Nuclear Hormone Receptor. Science, 2001, 293, 853-857. | 12.6 | 673 |
| 31 | RSC, an Essential, Abundant Chromatin-Remodeling Complex. Cell, 1996, 87, 1249-1260. | 28.9 | 654 |
| 32 | Ubiquitination Regulates PTEN Nuclear Import and Tumor Suppression. Cell, 2007, 128, 141-156. | 28.9 | 652 |
| 33 | Erythroid transcription factor NF-E2 is a haematopoietic-specific basic-leucine zipper protein. Nature, 1993, 362, 722-728. | 27.8 | 641 |
| 34 | NEDD4-1 Is a Proto-Oncogenic Ubiquitin Ligase for PTEN. Cell, 2007, 128, 129-139. | 28.9 | 630 |
| 35 | Conversion of Proepithelin to Epithelins. Cell, 2002, 111, 867-878. | 28.9 | 584 |
| 36 | The transcriptional repressor JHDM3A demethylates trimethyl histone H3 lysine ⁹ and lysine ³⁶ . Nature, 2006, 442, 312-316. | 27.8 | 563 |

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|----|---|------|-----------|
| 37 | An Iron Delivery Pathway Mediated by a Lipocalin. <i>Molecular Cell</i> , 2002, 10, 1045-1056. | 9.7 | 562 |
| 38 | Histone Deacetylases and SAP18, a Novel Polypeptide, Are Components of a Human Sin3 Complex. <i>Cell</i> , 1997, 89, 357-364. | 28.9 | 548 |
| 39 | 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, 12902-12907. | 7.1 | 534 |
| 40 | 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, 1201-1213. | 9.7 | 525 |
| 41 | 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, 9630-9645. | 2.3 | 524 |
| 42 | Repeatability and Reproducibility in Proteomic Identifications by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2010, 9, 761-776. | 3.7 | 505 |
| 43 | 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 |
| 44 | P-Rex1, a PtdIns(3,4,5)P3- and G12/13-Regulated Guanine-Nucleotide Exchange Factor for Rac. <i>Cell</i> , 2002, 108, 809-821. | 28.9 | 487 |
| 45 | 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, 479-489. | 5.9 | 482 |
| 46 | Recognition of Trimethylated Histone H3 Lysine 4 Facilitates the Recruitment of Transcription Postinitiation Factors and Pre-mRNA Splicing. <i>Molecular Cell</i> , 2007, 28, 665-676. | 9.7 | 478 |
| 47 | Purification and Functional Characterization of a Histone H3-Lysine 4-Specific Methyltransferase. <i>Molecular Cell</i> , 2001, 8, 1207-1217. | 9.7 | 472 |
| 48 | 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, 1518-1527. | 5.9 | 471 |
| 49 | Serum Peptide Profiling by Magnetic Particle-Assisted, Automated Sample Processing and MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 1560-1570. | 6.5 | 455 |
| 50 | Histone H3 and H4 Ubiquitylation by the CUL4-DDB-ROC1 Ubiquitin Ligase Facilitates Cellular Response to DNA Damage. <i>Molecular Cell</i> , 2006, 22, 383-394. | 9.7 | 447 |
| 51 | Monoubiquitination of Human Histone H2B: The Factors Involved and Their Roles in HOX Gene Regulation. <i>Molecular Cell</i> , 2005, 20, 601-611. | 9.7 | 439 |
| 52 | A Novel Histone Acetyltransferase Is an Integral Subunit of Elongating RNA Polymerase II Holoenzyme. <i>Molecular Cell</i> , 1999, 4, 123-128. | 9.7 | 432 |
| 53 | PLU-1 Is an H3K4 Demethylase Involved in Transcriptional Repression and Breast Cancer Cell Proliferation. <i>Molecular Cell</i> , 2007, 25, 801-812. | 9.7 | 431 |
| 54 | The Retinoblastoma Binding Protein RBP2 Is an H3K4 Demethylase. <i>Cell</i> , 2007, 128, 889-900. | 28.9 | 399 |

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|----|---|------|-----------|
| 55 | Different Ezh2-Containing Complexes Target Methylation of Histone H1 or Nucleosomal Histone H3. <i>Molecular Cell</i> , 2004, 14, 183-193. | 9.7 | 393 |
| 56 | Regulation of the brown and white fat gene programs through a PRDM16/CtBP transcriptional complex. <i>Genes and Development</i> , 2008, 22, 1397-1409. | 5.9 | 393 |
| 57 | PtdIns(3)P regulates the neutrophil oxidase complex by binding to the PX domain of p40phox. <i>Nature Cell Biology</i> , 2001, 3, 679-682. | 10.3 | 389 |
| 58 | Siah2 Regulates Stability of Prolyl-Hydroxylases, Controls HIF1 α Abundance, and Modulates Physiological Responses to Hypoxia. <i>Cell</i> , 2004, 117, 941-952. | 28.9 | 381 |
| 59 | SIRT1 regulates the histone methyl-transferase SUV39H1 during heterochromatin formation. <i>Nature</i> , 2007, 450, 440-444. | 27.8 | 380 |
| 60 | Metabolic Enzymes of Mycobacteria Linked to Antioxidant Defense by a Thioredoxin-Like Protein. <i>Science</i> , 2002, 295, 1073-1077. | 12.6 | 378 |
| 61 | Evidence for a Role of a Tumor Necrosis Factor- α -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, 13613-13618. | 3.4 | 374 |
| 62 | Protein folding in the central cavity of the GroEL-GroES chaperonin complex. <i>Nature</i> , 1996, 379, 420-426. | 27.8 | 370 |
| 63 | The Core of the Polycomb Repressive Complex Is Compositionally and Functionally Conserved in Flies and Humans. <i>Molecular and Cellular Biology</i> , 2002, 22, 6070-6078. | 2.3 | 360 |
| 64 | WSTF regulates the H2A.X DNA damage response via a novel tyrosine kinase activity. <i>Nature</i> , 2009, 457, 57-62. | 27.8 | 360 |
| 65 | A Drosophila Polycomb group complex includes Zeste and dTAFII proteins. <i>Nature</i> , 2001, 412, 655-660. | 27.8 | 349 |
| 66 | Hematopoiesis Controlled by Distinct TIF1 β and Smad4 Branches of the TGF β Pathway. <i>Cell</i> , 2006, 125, 929-941. | 28.9 | 335 |
| 67 | L3MBTL1, a Histone-Methylation-Dependent Chromatin Lock. <i>Cell</i> , 2007, 129, 915-928. | 28.9 | 318 |
| 68 | Ubiquitin Ligase Nedd4L Targets Activated Smad2/3 to Limit TGF β Signaling. <i>Molecular Cell</i> , 2009, 36, 457-468. | 9.7 | 306 |
| 69 | mAM Facilitates Conversion by ESET of Dimethyl to Trimethyl Lysine 9 of Histone H3 to Cause Transcriptional Repression. <i>Molecular Cell</i> , 2003, 12, 475-487. | 9.7 | 300 |
| 70 | Purification and Functional Characterization of SET8, a Nucleosomal Histone H4-Lysine 20-Specific Methyltransferase. <i>Current Biology</i> , 2002, 12, 1086-1099. | 3.9 | 299 |
| 71 | Merlin/NF2 Suppresses Tumorigenesis by Inhibiting the E3 Ubiquitin Ligase CRL4DCAF1 in the Nucleus. <i>Cell</i> , 2010, 140, 477-490. | 28.9 | 287 |
| 72 | 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. | 9.7 | 286 |

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|----|---|------|-----------|
| 73 | Metalloprotease-Disintegrin MDC9: Intracellular Maturation and Catalytic Activity. Journal of Biological Chemistry, 1999, 274, 3531-3540. | 3.4 | 284 |
| 74 | Regulation of cell cycle progression and gene expression by H2A deubiquitination. Nature, 2007, 449, 1068-1072. | 27.8 | 274 |
| 75 | HDAC6 is a specific deacetylase of peroxiredoxins and is involved in redox regulation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9633-9638. | 7.1 | 273 |
| 76 | A CK2-Dependent Mechanism for Degradation of the PML Tumor Suppressor. Cell, 2006, 126, 269-283. | 28.9 | 271 |
| 77 | SAP30, a Novel Protein Conserved between Human and Yeast, Is a Component of a Histone Deacetylase Complex. Molecular Cell, 1998, 1, 1021-1031. | 9.7 | 268 |
| 78 | A Histone H2A Deubiquitinase Complex Coordinating Histone Acetylation and H1 Dissociation in Transcriptional Regulation. Molecular Cell, 2007, 27, 609-621. | 9.7 | 268 |
| 79 | A protein complex containing Tho2, Hpr1, Mft1 and a novel protein, Thp2, connects transcription elongation with mitotic recombination in Saccharomyces cerevisiae. EMBO Journal, 2000, 19, 5824-5834. | 7.8 | 267 |
| 80 | LRPPRC is necessary for polyadenylation and coordination of translation of mitochondrial mRNAs. EMBO Journal, 2012, 31, 443-456. | 7.8 | 264 |
| 81 | Suppression of mitochondrial respiration through recruitment of p160 myb binding protein to PGC-1 α : modulation by p38 MAPK. Genes and Development, 2004, 18, 278-289. | 5.9 | 263 |
| 82 | Mesenchymal to Epithelial Conversion in Rat Metanephros Is Induced by LIF. Cell, 1999, 99, 377-386. | 28.9 | 257 |
| 83 | Isolation and characterization of abaecin, a major antibacterial response peptide in the honeybee (<i>Apis mellifera</i>). Journal of Biological Chemistry, 2002, 277, 10784-10791. | 10.2 | 256 |
| 84 | A novel Rad24 checkpoint protein complex closely related to replication factor C. Current Biology, 2000, 10, 39-42. | 3.9 | 251 |
| 85 | Five Members of a Novel Ca ²⁺ -binding Protein (CABP) Subfamily with Similarity to Calmodulin. Journal of Biological Chemistry, 2000, 275, 1247-1260. | 3.4 | 231 |
| 86 | Purification and Characterization of the Human Elongator Complex. Journal of Biological Chemistry, 2002, 277, 3047-3052. | 3.4 | 230 |
| 87 | The RNA processing exosome is linked to elongating RNA polymerase II in Drosophila. Nature, 2002, 420, 837-841. | 27.8 | 228 |
| 88 | MTERF4 Regulates Translation by Targeting the Methyltransferase NSUN4 to the Mammalian Mitochondrial Ribosome. Cell Metabolism, 2011, 13, 527-539. | 16.2 | 221 |
| 89 | A new role for Nogo as a regulator of vascular remodeling. Nature Medicine, 2004, 10, 382-388. | 30.7 | 220 |
| 90 | mSin3A/Histone Deacetylase 2- and PRMT5-Containing Brg1 Complex Is Involved in Transcriptional Repression of the Myc Target Gene cad. Molecular and Cellular Biology, 2003, 23, 7475-7487. | 2.3 | 218 |

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| 91 | Tandem bromodomains in the chromatin remodeler RSC recognize acetylated histone H3 Lys14. EMBO Journal, 2004, 23, 1348-1359. | 7.8 | 213 |
| 92 | Phosphorylation-dependent regulation of cytosolic localization and oncogenic function of Skp2 by Akt/PKB. Nature Cell Biology, 2009, 11, 420-432. | 10.3 | 213 |
| 93 | Correcting Common Errors in Identifying Cancer-Specific Serum Peptide Signatures. Journal of Proteome Research, 2005, 4, 1060-1072. | 3.7 | 212 |
| 94 | Examination of micro-tip reversed-phase liquid chromatographic extraction of peptide pools for mass spectrometric analysis. Journal of Chromatography A, 1998, 826, 167-181. | 3.7 | 209 |
| 95 | MTERF3 Is a Negative Regulator of Mammalian mtDNA Transcription. Cell, 2007, 130, 273-285. | 28.9 | 209 |
| 96 | Role of the Sin3-Histone Deacetylase Complex in Growth Regulation by the Candidate Tumor Suppressor p33 ^{ING1} . Molecular and Cellular Biology, 2002, 22, 835-848. | 2.3 | 207 |
| 97 | PARP-1 Determines Specificity in a Retinoid Signaling Pathway via Direct Modulation of Mediator. Molecular Cell, 2005, 18, 83-96. | 9.7 | 207 |
| 98 | Two Functionally Distinct Forms of the RSC Nucleosome-Remodeling Complex, Containing Essential AT Hook, BAH, and Bromodomains. Molecular Cell, 1999, 4, 715-723. | 9.7 | 205 |
| 99 | A Rad26-Def1 complex coordinates repair and RNA pol II proteolysis in response to DNA damage. Nature, 2002, 415, 929-933. | 27.8 | 205 |
| 100 | Proteolytic Cleavage of MLL Generates a Complex of N- and C-Terminal Fragments That Confers Protein Stability and Subnuclear Localization. Molecular and Cellular Biology, 2003, 23, 186-194. | 2.3 | 203 |
| 101 | Two Actin-Related Proteins Are Shared Functional Components of the Chromatin-Remodeling Complexes RSC and SWI/SNF. Molecular Cell, 1998, 2, 639-651. | 9.7 | 200 |
| 102 | Brd4 links chromatin targeting to HPV transcriptional silencing. Genes and Development, 2006, 20, 2383-2396. | 5.9 | 200 |
| 103 | Peptide methionine sulfoxide reductase from Escherichia coli and Mycobacterium tuberculosis protects bacteria against oxidative damage from reactive nitrogen intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9901-9906. | 7.1 | 198 |
| 104 | Multiple Mechanisms Confining RNA Polymerase II Ubiquitylation to Polymerases Undergoing Transcriptional Arrest. Cell, 2005, 121, 913-923. | 28.9 | 198 |
| 105 | Heterogeneous Fatty Acylation of Src Family Kinases with Polyunsaturated Fatty Acids Regulates Raft Localization and Signal Transduction. Journal of Biological Chemistry, 2001, 276, 30987-30994. | 3.4 | 197 |
| 106 | The human PAF complex coordinates transcription with events downstream of RNA synthesis. Genes and Development, 2005, 19, 1668-1673. | 5.9 | 192 |
| 107 | BAFF controls B cell metabolic fitness through a PKC δ - and Akt-dependent mechanism. Journal of Experimental Medicine, 2006, 203, 2551-2562. | 8.5 | 178 |
| 108 | The HSA domain binds nuclear actin-related proteins to regulate chromatin-remodeling ATPases. Nature Structural and Molecular Biology, 2008, 15, 469-476. | 8.2 | 177 |

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|-----|--|-----|-----------|
| 109 | 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, 741-751. | 9.7 | 174 |
| 110 | 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. | 9.7 | 172 |
| 111 | Performance Metrics for Liquid Chromatography-Tandem Mass Spectrometry Systems in Proteomics Analyses. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 225-241. | 3.8 | 167 |
| 112 | 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, 467-472. | 7.1 | 165 |
| 113 | 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, 537-553. | 2.4 | 163 |
| 114 | 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, 1840-1852. | 3.8 | 162 |
| 115 | Role of hPHF1 in H3K27 Methylation and Hox Gene Silencing. <i>Molecular and Cellular Biology</i> , 2008, 28, 1862-1872. | 2.3 | 157 |
| 116 | An Ikaros-Containing Chromatin-Remodeling Complex in Adult-Type Erythroid Cells. <i>Molecular and Cellular Biology</i> , 2000, 20, 7572-7582. | 2.3 | 156 |
| 117 | Methylation of RUNX1 by PRMT1 abrogates SIN3A binding and potentiates its transcriptional activity. <i>Genes and Development</i> , 2008, 22, 640-653. | 5.9 | 154 |
| 118 | RNA Polymerase II Elongator Holoenzyme Is Composed of Two Discrete Subcomplexes. <i>Journal of Biological Chemistry</i> , 2001, 276, 32743-32749. | 3.4 | 153 |
| 119 | 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, 2357-2374. | 3.8 | 153 |
| 120 | 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. | 1.4 | 151 |
| 121 | Interlaboratory Study Characterizing a Yeast Performance Standard for Benchmarking LC-MS Platform Performance. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 242-254. | 3.8 | 148 |
| 122 | A Complex of the Srb8, -9, -10, and -11 Transcriptional Regulatory Proteins from Yeast. <i>Journal of Biological Chemistry</i> , 2002, 277, 44202-44207. | 3.4 | 142 |
| 123 | Ubiquitylation of histone H2B controls RNA polymerase II transcription elongation independently of histone H3 methylation. <i>Genes and Development</i> , 2007, 21, 835-847. | 5.9 | 140 |
| 124 | Induction of Terminal Differentiation in Epithelial Cells Requires Polymerization of Hensin by Galectin 3. <i>Journal of Cell Biology</i> , 2000, 151, 1235-1246. | 5.2 | 137 |
| 125 | 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, 563-573. | 9.7 | 135 |
| 126 | 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, 229-240. | 3.2 | 135 |

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|-----|--|------|-----------|
| 127 | ASAP, a Novel Protein Complex Involved in RNA Processing and Apoptosis. <i>Molecular and Cellular Biology</i> , 2003, 23, 2981-2990. | 2.3 | 131 |
| 128 | Adhesion signaling by a novel mitotic substrate of src kinases. <i>Oncogene</i> , 2005, 24, 5333-5343. | 5.9 | 125 |
| 129 | L3MBTL2 Protein Acts in Concert with PcG Protein-Mediated Monoubiquitination of H2A to Establish a Repressive Chromatin Structure. <i>Molecular Cell</i> , 2011, 42, 438-450. | 9.7 | 124 |
| 130 | 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, 16375-16380. | 7.1 | 124 |
| 131 | Lethal Effects of Apidaecin on <i>Escherichia coli</i> Involve Sequential Molecular Interactions with Diverse Targets. <i>Journal of Biological Chemistry</i> , 1999, 274, 32555-32564. | 3.4 | 119 |
| 132 | Catalytic Properties of ADAM19. <i>Journal of Biological Chemistry</i> , 2003, 278, 22331-22340. | 3.4 | 114 |
| 133 | T-loop phosphorylation stabilizes the CDK7-cyclin H-MAT1 complex in vivo and regulates its CTD kinase activity. <i>EMBO Journal</i> , 2001, 20, 3749-3759. | 7.8 | 112 |
| 134 | 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. | 2.4 | 111 |
| 135 | NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. <i>Kidney International</i> , 2012, 82, 718-722. | 5.2 | 111 |
| 136 | CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 1045-1056. | 5.2 | 110 |
| 137 | Architecture of the Mediator head module. <i>Nature</i> , 2011, 475, 240-243. | 27.8 | 104 |
| 138 | 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, 9424-9436. | 2.3 | 101 |
| 139 | Myoferlin Regulates Vascular Endothelial Growth Factor Receptor-2 Stability and Function. <i>Journal of Biological Chemistry</i> , 2007, 282, 30745-30753. | 3.4 | 100 |
| 140 | The trithorax-group protein Lid is a histone H3 trimethyl-Lys4 demethylase. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 341-343. | 8.2 | 100 |
| 141 | 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, 2623-2639. | 3.8 | 100 |
| 142 | A Prototype Antibody Microarray Platform to Monitor Changes in Protein Tyrosine Phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 1102-1118. | 3.8 | 97 |
| 143 | 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, 15701-15707. | 3.4 | 97 |
| 144 | Metazoan Scc4 Homologs Link Sister Chromatid Cohesion to Cell and Axon Migration Guidance. <i>PLoS Biology</i> , 2006, 4, e242. | 5.6 | 95 |

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|-----|---|------|-----------|
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