

Axel Imhof

List of Publications by Year in descending order

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Version: 2024-02-01

200
papers

17,264
citations

19657

61
h-index

17105

122
g-index

221
all docs

221
docs citations

221
times ranked

21659
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | ImShot: An Open-Source Software for Probabilistic Identification of Proteins In Situ and Visualization of Proteomics Data. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100242. | 3.8 | 3 |
| 2 | Dietary intervention improves health metrics and life expectancy of the genetically obese Titan mouse. <i>Communications Biology</i> , 2022, 5, 408. | 4.4 | 4 |
| 3 | Endotoxemia Accelerates Atherosclerosis Through Electrostatic Charge-Mediated Monocyte Adhesion. <i>Circulation</i> , 2021, 143, 254-266. | 1.6 | 266 |
| 4 | Reduced peroxisomal import triggers peroxisomal retrograde signaling. <i>Cell Reports</i> , 2021, 34, 108653. | 6.4 | 9 |
| 5 | <i>Helicobacter hepaticus</i> is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. <i>Gut Microbes</i> , 2021, 13, 1-20. | 9.8 | 8 |
| 6 | Metabolic Analysis of Vitreous/Lens and Retina in Wild Type and Retinal Degeneration Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2345. | 4.1 | 6 |
| 7 | A novel proteomics approach to epigenetic profiling of circulating nucleosomes. <i>Scientific Reports</i> , 2021, 11, 7256. | 3.3 | 21 |
| 8 | Proteome dynamics at broken replication forks reveal a distinct ATM-directed repair response suppressing DNA double-strand break ubiquitination. <i>Molecular Cell</i> , 2021, 81, 1084-1099.e6. | 9.7 | 57 |
| 9 | Exploring the Ion Channel TRPV2 and Testicular Macrophages in Mouse Testis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4727. | 4.1 | 5 |
| 10 | Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. <i>Cell Reports</i> , 2021, 35, 109126. | 6.4 | 176 |
| 11 | Investigation and Highly Accurate Prediction of Missed Tryptic Cleavages by Deep Learning. <i>Journal of Proteome Research</i> , 2021, 20, 3749-3757. | 3.7 | 9 |
| 12 | Pumilio2 and Staufien2 selectively balance the synaptic proteome. <i>Cell Reports</i> , 2021, 35, 109279. | 6.4 | 14 |
| 13 | Phosphorylation of the HP1 hinge region sequesters KAP1 in heterochromatin and promotes the exit from naïve pluripotency. <i>Nucleic Acids Research</i> , 2021, 49, 7406-7423. | 14.5 | 9 |
| 14 | GSNOR Contributes to Demethylation and Expression of Transposable Elements and Stress-Responsive Genes. <i>Antioxidants</i> , 2021, 10, 1128. | 5.1 | 10 |
| 15 | The Integrity of the HMR complex is necessary for centromeric binding and reproductive isolation in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2021, 17, e1009744. | 3.5 | 35 |
| 16 | A systemic cell cycle block impacts stage-specific histone modification profiles during <i>Xenopus</i> embryogenesis. <i>PLoS Biology</i> , 2021, 19, e3001377. | 5.6 | 2 |
| 17 | MALDI-IMS combined with shotgun proteomics identify and localize new factors in male infertility. <i>Life Science Alliance</i> , 2021, 4, e202000672. | 2.8 | 7 |
| 18 | Discovery of Native Protein Complexes by Liquid Chromatography Followed by Quantitative Mass Spectrometry. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1336, 105-128. | 1.6 | 0 |

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|----|---|------|-----------|
| 19 | Morc3 silences endogenous retroviruses by enabling Daxx-mediated histone H3.3 incorporation. <i>Nature Communications</i> , 2021, 12, 5996. | 12.8 | 34 |
| 20 | Determining histone H4 acetylation patterns in human peripheral blood mononuclear cells using mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2020, 15, 54-60. | 1.9 | 3 |
| 21 | Molecular Wiring of a Mitochondrial Translational Feedback Loop. <i>Molecular Cell</i> , 2020, 77, 887-900.e5. | 9.7 | 22 |
| 22 | BMAL1 Associates with NOP58 in the Nucleolus and Contributes to Pre-rRNA Processing. <i>IScience</i> , 2020, 23, 101151. | 4.1 | 13 |
| 23 | S-adenosyl- <scp>l</scp> -homocysteine hydrolase links methionine metabolism to the circadian clock and chromatin remodeling. <i>Science Advances</i> , 2020, 6, . | 10.3 | 49 |
| 24 | H4K20 Methylation Is Differently Regulated by Dilution and Demethylation in Proliferating and Cell-Cycle-Arrested <i>Xenopus</i> Embryos. <i>Cell Systems</i> , 2020, 11, 653-662.e8. | 6.2 | 6 |
| 25 | Histone Modifications in Stem Cell Development and Their Clinical Implications. <i>Stem Cell Reports</i> , 2020, 15, 1196-1205. | 4.8 | 17 |
| 26 | Physical Activity Dynamically Regulates the Hippocampal Proteome along the Dorso-Ventral Axis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3501. | 4.1 | 4 |
| 27 | Spt6 is a maintenance factor for centromeric CENP-A. <i>Nature Communications</i> , 2020, 11, 2919. | 12.8 | 30 |
| 28 | Harmonization of quality metrics and power calculation in multi-omic studies. <i>Nature Communications</i> , 2020, 11, 3092. | 12.8 | 43 |
| 29 | A multi-layered structure of the interphase chromocenter revealed by proximity-based biotinylation. <i>Nucleic Acids Research</i> , 2020, 48, 4161-4178. | 14.5 | 11 |
| 30 | Chromosome organization by a conserved condensin-ParB system in the actinobacterium <i>Corynebacterium glutamicum</i> . <i>Nature Communications</i> , 2020, 11, 1485. | 12.8 | 64 |
| 31 | Structure and Function of an Elongation Factor P Subfamily in Actinobacteria. <i>Cell Reports</i> , 2020, 30, 4332-4342.e5. | 6.4 | 11 |
| 32 | Msp1 cooperates with the proteasome for extraction of arrested mitochondrial import intermediates. <i>Molecular Biology of the Cell</i> , 2020, 31, 753-767. | 2.1 | 32 |
| 33 | Mechanisms governing the pioneering and redistribution capabilities of the non-classical pioneer PU.1. <i>Nature Communications</i> , 2020, 11, 402. | 12.8 | 76 |
| 34 | New Approaches for Absolute Quantification of Stableâ€isotopeâ€Labeled Peptide Standards for Targeted Proteomics Based on a UV Active Tag. <i>Proteomics</i> , 2020, 20, e2000007. | 2.2 | 7 |
| 35 | Domain Model Explains Propagation Dynamics and Stability of Histone H3K27 and H3K36 Methylation Landscapes. <i>Cell Reports</i> , 2020, 30, 1223-1234.e8. | 6.4 | 54 |
| 36 | Molecular Connectivity of Mitochondrial Gene Expression and OXPHOS Biogenesis. <i>Molecular Cell</i> , 2020, 79, 1051-1065.e10. | 9.7 | 40 |

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|----|---|------|-----------|
| 37 | Trnp1 organizes diverse nuclear membrane-less compartments in neural stem cells. <i>EMBO Journal</i> , 2020, 39, e103373. | 7.8 | 16 |
| 38 | Mapping protein networks in yeast mitochondria using proximity-dependent biotin identification coupled to proteomics. <i>STAR Protocols</i> , 2020, 1, 100219. | 1.2 | 1 |
| 39 | The Impact of One Carbon Metabolism on Histone Methylation. <i>Frontiers in Genetics</i> , 2019, 10, 764. | 2.3 | 72 |
| 40 | Quantification of Proteins and Histone Marks in Drosophila Embryos Reveals Stoichiometric Relationships Impacting Chromatin Regulation. <i>Developmental Cell</i> , 2019, 51, 632-644.e6. | 7.0 | 50 |
| 41 | STATegra, a comprehensive multi-omics dataset of B-cell differentiation in mouse. <i>Scientific Data</i> , 2019, 6, 256. | 5.3 | 26 |
| 42 | Distinct CoREST complexes act in a cell-type-specific manner. <i>Nucleic Acids Research</i> , 2019, 47, 11649-11666. | 14.5 | 10 |
| 43 | A Drosophila cell-free system that senses DNA breaks and triggers phosphorylation signalling. <i>Nucleic Acids Research</i> , 2019, 47, 7444-7459. | 14.5 | 4 |
| 44 | Altered Localization of Hybrid Incompatibility Proteins in Drosophila. <i>Molecular Biology and Evolution</i> , 2019, 36, 1783-1792. | 8.9 | 9 |
| 45 | SETDB1-dependent heterochromatin stimulates alternative lengthening of telomeres. <i>Science Advances</i> , 2019, 5, eaav3673. | 10.3 | 70 |
| 46 | KMT9 monomethylates histone H4 lysine 12 and controls proliferation of prostate cancer cells. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 361-371. | 8.2 | 57 |
| 47 | Nucleoside analogue activators of cyclic AMP-independent protein kinase A of Trypanosoma. <i>Nature Communications</i> , 2019, 10, 1421. | 12.8 | 33 |
| 48 | Multi-Reference Spectral Library Yields Almost Complete Coverage of Heterogeneous LC-MS/MS Data Sets. <i>Journal of Proteome Research</i> , 2019, 18, 1553-1566. | 3.7 | 5 |
| 49 | Measuring and Interpreting Oxygen Consumption Rates in Whole Fly Head Segments. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.3 | 1 |
| 50 | Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25250-25259. | 7.1 | 38 |
| 51 | Toll-like Receptor Signaling Rewires Macrophage Metabolism and Promotes Histone Acetylation via ATP-Citrate Lyase. <i>Immunity</i> , 2019, 51, 997-1011.e7. | 14.3 | 216 |
| 52 | MIR sequences recruit zinc finger protein ZNF768 to expressed genes. <i>Nucleic Acids Research</i> , 2019, 47, 700-715. | 14.5 | 14 |
| 53 | Shelterin and subtelomeric <scp>DNA</scp> sequences control nucleosome maintenance and genome stability. <i>EMBO Reports</i> , 2019, 20, . | 4.5 | 30 |
| 54 | Analog-sensitive cell line identifies cellular substrates of CDK9. <i>Oncotarget</i> , 2019, 10, 6934-6943. | 1.8 | 18 |

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|----|---|------|-----------|
| 55 | Analysis of Histone Modifications by Mass Spectrometry. <i>Current Protocols in Protein Science</i> , 2018, 92, e54. | 2.8 | 15 |
| 56 | Structural Architecture of the Nucleosome Remodeler ISWI Determined from Cross-Linking, Mass Spectrometry, SAXS, and Modeling. <i>Structure</i> , 2018, 26, 282-294.e6. | 3.3 | 11 |
| 57 | Tyrosine-1 of RNA Polymerase II CTD Controls Global Termination of Gene Transcription in Mammals. <i>Molecular Cell</i> , 2018, 69, 48-61.e6. | 9.7 | 66 |
| 58 | Regulation and function of H3K36 di-methylation by the trithorax-group protein complex AMC. <i>Development (Cambridge)</i> , 2018, 145, . | 2.5 | 33 |
| 59 | PWWP2A binds distinct chromatin moieties and interacts with an MTA1-specific core NuRD complex. <i>Nature Communications</i> , 2018, 9, 4300. | 12.8 | 46 |
| 60 | Epigenetics and Metabolism in Health and Disease. <i>Frontiers in Genetics</i> , 2018, 9, 361. | 2.3 | 81 |
| 61 | Detection of Histone Modification Dynamics during the Cell Cycle by MS-Based Proteomics. <i>Methods in Molecular Biology</i> , 2018, 1832, 61-74. | 0.9 | 2 |
| 62 | The ribosome receptors Mrx15 and Mba1 jointly organize cotranslational insertion and protein biogenesis in mitochondria. <i>Molecular Biology of the Cell</i> , 2018, 29, 2386-2396. | 2.1 | 29 |
| 63 | Coronin 1A, a novel player in integrin biology, controls neutrophil trafficking in innate immunity. <i>Blood</i> , 2017, 130, 847-858. | 1.4 | 56 |
| 64 | MacroH2A histone variants maintain nuclear organization and heterochromatin architecture. <i>Journal of Cell Science</i> , 2017, 130, 1570-1582. | 2.0 | 64 |
| 65 | Adrenergic Signaling Strengthens Cardiac Myocyte Cohesion. <i>Circulation Research</i> , 2017, 120, 1305-1317. | 4.5 | 55 |
| 66 | NO Augments Endothelial Reactivity by Reducing Myoendothelial Calcium Signal Spreading. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2280-2290. | 2.4 | 18 |
| 67 | Ubiquitome Analysis Reveals PCNA-Associated Factor 15 (PAF15) as a Specific Ubiquitination Target of UHRF1 in Embryonic Stem Cells. <i>Journal of Molecular Biology</i> , 2017, 429, 3814-3824. | 4.2 | 43 |
| 68 | PP32 and SET/TAF- I^2 proteins regulate the acetylation of newly synthesized histone H4. <i>Nucleic Acids Research</i> , 2017, 45, 11700-11710. | 14.5 | 21 |
| 69 | ATM induces MacroD2 nuclear export upon DNA damage. <i>Nucleic Acids Research</i> , 2017, 45, 244-254. | 14.5 | 16 |
| 70 | The <i>Drosophila</i> speciation factor HMR localizes to genomic insulator sites. <i>PLoS ONE</i> , 2017, 12, e0171798. | 2.5 | 13 |
| 71 | Inside front cover: In situ detection of histone variants and modifications in mouse brain using imaging mass spectrometry. <i>Proteomics</i> , 2016, 16, NA. | 2.2 | 0 |
| 72 | In situ detection of histone variants and modifications in mouse brain using imaging mass spectrometry. <i>Proteomics</i> , 2016, 16, 437-447. | 2.2 | 19 |

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|----|---|------|-----------|
| 73 | Life span extension by targeting a link between metabolism and histone acetylation in <i>Drosophila</i> . EMBO Reports, 2016, 17, 455-469. | 4.5 | 116 |
| 74 | A Focus on Chromatin Proteomics. Proteomics, 2016, 16, 379-380. | 2.2 | 1 |
| 75 | Data on the kinetics of in vitro assembled chromatin. Data in Brief, 2016, 8, 353-359. | 1.0 | 2 |
| 76 | From HDAC to KDAC: we need to revisit non-epigenetic pathways affected by inhibiting lysine deacetylases in therapy. EMBO Reports, 2016, 17, 1673-1673. | 4.5 | 4 |
| 77 | Specific threonine-4 phosphorylation and function of RNA polymerase II CTD during M phase progression. Scientific Reports, 2016, 6, 27401. | 3.3 | 17 |
| 78 | The Metabolic Impact on Histone Acetylation and Transcription in Ageing. Trends in Biochemical Sciences, 2016, 41, 700-711. | 7.5 | 143 |
| 79 | H4K20me0 marks post-replicative chromatin and recruits the TONSL-MMS22L DNA repair complex. Nature, 2016, 534, 714-718. | 27.8 | 172 |
| 80 | A Quantitative Proteomic Analysis of In Vitro Assembled Chromatin. Molecular and Cellular Proteomics, 2016, 15, 945-959. | 3.8 | 12 |
| 81 | Heptad-Specific Phosphorylation of RNA Polymerase II CTD. Molecular Cell, 2016, 61, 305-314. | 9.7 | 118 |
| 82 | Combinatorial Histone Acetylation Patterns Are Generated by Motif-Specific Reactions. Cell Systems, 2016, 2, 49-58. | 6.2 | 19 |
| 83 | MALDI imaging mass spectrometry as a novel tool for detecting histone modifications in clinical tissue samples. Expert Review of Proteomics, 2016, 13, 275-284. | 3.0 | 13 |
| 84 | The histone acetyltransferase p300 inhibitor C646 reduces pro-inflammatory gene expression and inhibits histone deacetylases. Biochemical Pharmacology, 2016, 102, 130-140. | 4.4 | 46 |
| 85 | Assembly of methylated KDM1A and CHD1 drives androgen receptor-dependent transcription and translocation. Nature Structural and Molecular Biology, 2016, 23, 132-139. | 8.2 | 70 |
| 86 | Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. Journal of Cell Biology, 2015, 211, 553-567. | 5.2 | 40 |
| 87 | Global and Specific Responses of the Histone Acetylome to Systematic Perturbation. Molecular Cell, 2015, 57, 559-571. | 9.7 | 119 |
| 88 | Identification of <i>Drosophila</i> centromere associated proteins by quantitative affinity purification-mass spectrometry. Data in Brief, 2015, 4, 544-550. | 1.0 | 8 |
| 89 | DNA methylation requires a DNMT1 ubiquitin interacting motif (UIM) and histone ubiquitination. Cell Research, 2015, 25, 911-929. | 12.0 | 201 |
| 90 | DEAD-box helicase DDX27 regulates 3' end formation of ribosomal 47S RNA and stably associates with the PeBoW-complex. Experimental Cell Research, 2015, 334, 146-159. | 2.6 | 26 |

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|-----|---|------|-----------|
| 91 | Two distinct modes for propagation of histone PTMs across the cell cycle. <i>Genes and Development</i> , 2015, 29, 585-590. | 5.9 | 334 |
| 92 | Methylation of histone H3 lysine 9 occurs during translation. <i>Nucleic Acids Research</i> , 2015, 43, 9097-9106. | 14.5 | 52 |
| 93 | The Epoxyeicosatrienoic Acid Pathway Enhances Hepatic Insulin Signaling and is Repressed in Insulin-Resistant Mouse Liver*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2764-2774. | 3.8 | 13 |
| 94 | Site-specific methylation and acetylation of lysine residues in the C-terminal domain (CTD) of RNA polymerase II. <i>Transcription</i> , 2015, 6, 91-101. | 3.1 | 22 |
| 95 | Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. <i>Journal of Experimental Medicine</i> , 2015, 212, 212120IA102. | 8.5 | 0 |
| 96 | PRK1/PKN1 controls migration and metastasis of androgen-independent prostate cancer cells. <i>Oncotarget</i> , 2014, 5, 12646-12664. | 1.8 | 36 |
| 97 | LSD1 controls metastasis of androgen-independent prostate cancer cells through PXN and LPAR6. <i>Oncogenesis</i> , 2014, 3, e120-e120. | 4.9 | 53 |
| 98 | The histone variant H2A.Bbd is enriched at sites of DNA synthesis. <i>Nucleic Acids Research</i> , 2014, 42, 6405-6420. | 14.5 | 61 |
| 99 | Heterogeneous Antibody-Based Activity Assay for Lysine Specific Demethylase 1 (LSD1) on a Histone Peptide Substrate. <i>Journal of Biomolecular Screening</i> , 2014, 19, 973-978. | 2.6 | 10 |
| 100 | Epstein-Barr virus-mediated transformation of B cells induces global chromatin changes independent to the acquisition of proliferation. <i>Nucleic Acids Research</i> , 2014, 42, 249-263. | 14.5 | 34 |
| 101 | Circadian Control of Fatty Acid Elongation by SIRT1 Protein-mediated Deacetylation of Acetyl-coenzyme A Synthetase 1. <i>Journal of Biological Chemistry</i> , 2014, 289, 6091-6097. | 3.4 | 61 |
| 102 | Identification of novel <i>Drosophila</i> centromere-associated proteins. <i>Proteomics</i> , 2014, 14, 2167-2178. | 2.2 | 28 |
| 103 | Redundant Mechanisms to Form Silent Chromatin at Pericentromeric Regions Rely on BEND3 and DNA Methylation. <i>Molecular Cell</i> , 2014, 56, 580-594. | 9.7 | 185 |
| 104 | Ablation of D2 autoreceptors causes epigenetic reprogramming of cortical neurons. <i>Molecular Psychiatry</i> , 2014, 19, 1153-1153. | 7.9 | 3 |
| 105 | Epigenetic reprogramming of cortical neurons through alteration of dopaminergic circuits. <i>Molecular Psychiatry</i> , 2014, 19, 1193-1200. | 7.9 | 14 |
| 106 | Bioinformatic analysis of proteomics data. <i>BMC Systems Biology</i> , 2014, 8, S3. | 3.0 | 131 |
| 107 | The novel component Kgd4 recruits the E3 subunit to the mitochondrial α -ketoglutarate dehydrogenase. <i>Molecular Biology of the Cell</i> , 2014, 25, 3342-3349. | 2.1 | 43 |
| 108 | Mislocalization of the Centromeric Histone Variant CenH3/CENP-A in Human Cells Depends on the Chaperone DAXX. <i>Molecular Cell</i> , 2014, 53, 631-644. | 9.7 | 214 |

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|-----|---|------|-----------|
| 109 | A Pair of Centromeric Proteins Mediates Reproductive Isolation in <i>Drosophila</i> Species. <i>Developmental Cell</i> , 2013, 27, 412-424. | 7.0 | 71 |
| 110 | Stepwise Evolution of Essential Centromere Function in a <i>Drosophila</i> Neogene. <i>Science</i> , 2013, 340, 1211-1214. | 12.6 | 94 |
| 111 | Mouse cytomegalovirus egress protein pM50 interacts with cellular endophilin-A2. <i>Cellular Microbiology</i> , 2013, 15, 335-351. | 2.1 | 23 |
| 112 | Circadian acetylome reveals regulation of mitochondrial metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3339-3344. | 7.1 | 133 |
| 113 | Reply to "Chaetocin is a nonspecific inhibitor of histone lysine methyltransferases". <i>Nature Chemical Biology</i> , 2013, 9, 137-137. | 8.0 | 17 |
| 114 | RNA-Interference Components Are Dispensable for Transcriptional Silencing of the <i>Drosophila</i> Bithorax-Complex. <i>PLoS ONE</i> , 2013, 8, e65740. | 2.5 | 7 |
| 115 | DOT1A-dependent H3K76 methylation is required for replication regulation in <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2012, 40, 10302-10311. | 14.5 | 43 |
| 116 | Myb-binding Protein 1a (Mybbp1a) Regulates Levels and Processing of Pre-ribosomal RNA. <i>Journal of Biological Chemistry</i> , 2012, 287, 24365-24377. | 3.4 | 37 |
| 117 | Probing the Conformation of the ISWI ATPase Domain With Genetically Encoded Photoreactive Crosslinkers and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.012088. | 3.8 | 45 |
| 118 | Characterization of the insertase for β -barrel proteins of the outer mitochondrial membrane. <i>Journal of Cell Biology</i> , 2012, 199, 599-611. | 5.2 | 43 |
| 119 | Developmental regulation of N-terminal H2B methylation in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 2012, 40, 1536-1549. | 14.5 | 28 |
| 120 | Role of the AAA protease Yme1 in folding of proteins in the intermembrane space of mitochondria. <i>Molecular Biology of the Cell</i> , 2012, 23, 4335-4346. | 2.1 | 50 |
| 121 | Connecting Threads: Epigenetics and Metabolism. <i>Cell</i> , 2012, 148, 24-28. | 28.9 | 282 |
| 122 | MSL2 Combines Sensor and Effector Functions in Homeostatic Control of the <i>Drosophila</i> Dosage Compensation Machinery. <i>Molecular Cell</i> , 2012, 48, 647-654. | 9.7 | 31 |
| 123 | Df31 Protein and snoRNAs Maintain Accessible Higher-Order Structures of Chromatin. <i>Molecular Cell</i> , 2012, 48, 434-444. | 9.7 | 108 |
| 124 | Impairment of prostate cancer cell growth by a selective and reversible lysine-specific demethylase 1 inhibitor. <i>International Journal of Cancer</i> , 2012, 131, 2704-2709. | 5.1 | 118 |
| 125 | Secretome protein enrichment identifies physiological BACE1 protease substrates in neurons. <i>EMBO Journal</i> , 2012, 31, 3157-3168. | 7.8 | 279 |
| 126 | H3 Lysine 4 Is Acetylated at Active Gene Promoters and Is Regulated by H3 Lysine 4 Methylation. <i>PLoS Genetics</i> , 2011, 7, e1001354. | 3.5 | 175 |

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|-----|--|------|-----------|
| 127 | The RNA Helicase Rm62 Cooperates with SU(VAR)3-9 to Re-Silence Active Transcription in <i>Drosophila melanogaster</i> . PLoS ONE, 2011, 6, e20761. | 2.5 | 9 |
| 128 | Stage-Specific Histone Modification Profiles Reveal Global Transitions in the <i>Xenopus</i> Embryonic Epigenome. PLoS ONE, 2011, 6, e22548. | 2.5 | 37 |
| 129 | Related B cell clones that populate the CSF and CNS of patients with multiple sclerosis produce CSF immunoglobulin. Journal of Neuroimmunology, 2011, 233, 245-248. | 2.3 | 119 |
| 130 | Every methyl counts – Epigenetic calculus. FEBS Letters, 2011, 585, 2001-2007. | 2.8 | 31 |
| 131 | Cbp3–Cbp6 interacts with the yeast mitochondrial ribosomal tunnel exit and promotes cytochrome <i>b</i> synthesis and assembly. Journal of Cell Biology, 2011, 193, 1101-1114. | 5.2 | 91 |
| 132 | Sequential Establishment of Marks on Soluble Histones H3 and H4. Journal of Biological Chemistry, 2011, 286, 17714-17721. | 3.4 | 100 |
| 133 | Cbp3–Cbp6 interacts with the yeast mitochondrial ribosomal tunnel exit and promotes cytochrome <i>b</i> synthesis and assembly. Journal of Cell Biology, 2011, 194, 155-155. | 5.2 | 0 |
| 134 | Fast signals and slow marks: the dynamics of histone modifications. Trends in Biochemical Sciences, 2010, 35, 618-626. | 7.5 | 268 |
| 135 | Remodeling of nuclear architecture by the thiodioxopiperazine metabolite chaetocin. Experimental Cell Research, 2010, 316, 1662-1680. | 2.6 | 23 |
| 136 | Phosphorylation of histone H3T6 by PKC ζ controls demethylation at histone H3K4. Nature, 2010, 464, 792-796. | 27.8 | 259 |
| 137 | Proteins at the Polypeptide Tunnel Exit of the Yeast Mitochondrial Ribosome. Journal of Biological Chemistry, 2010, 285, 19022-19028. | 3.4 | 62 |
| 138 | Replication Stress Interferes with Histone Recycling and Predeposition Marking of New Histones. Molecular Cell, 2010, 37, 736-743. | 9.7 | 242 |
| 139 | Phosphorylation of SU(VAR)3 α 9 by the Chromosomal Kinase JIL-1. PLoS ONE, 2010, 5, e10042. | 2.5 | 21 |
| 140 | Establishment of Histone Modifications after Chromatin Assembly. Nucleic Acids Research, 2009, 37, 5032-5040. | 14.5 | 94 |
| 141 | Cross-talk between Type Three Secretion System and Metabolism in <i>Yersinia</i> . Journal of Biological Chemistry, 2009, 284, 12165-12177. | 3.4 | 17 |
| 142 | Interaction of HP1 and Brg1/Brm with the Globular Domain of Histone H3 Is Required for HP1-Mediated Repression. PLoS Genetics, 2009, 5, e1000769. | 3.5 | 74 |
| 143 | Monomethylation of Lysine 20 on Histone H4 Facilitates Chromatin Maturation. Molecular and Cellular Biology, 2009, 29, 57-67. | 2.3 | 46 |
| 144 | The HP1–CAF1–SetDB1-containing complex provides H3K9me1 for Suv39-mediated K9me3 in pericentric heterochromatin. EMBO Reports, 2009, 10, 769-775. | 4.5 | 201 |

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|-----|---|------|-----------|
| 145 | Synergy between CD26/DPP-IV Inhibition and G-CSF Improves Cardiac Function after Acute Myocardial Infarction. <i>Cell Stem Cell</i> , 2009, 4, 313-323. | 11.1 | 289 |
| 146 | Dynamics of Adaptive Microevolution of Hypermutable <i>Pseudomonas aeruginosa</i> during Chronic Pulmonary Infection in Patients with Cystic Fibrosis. <i>Journal of Infectious Diseases</i> , 2009, 200, 118-130. | 4.0 | 155 |
| 147 | Drosophila HP1c Is Regulated by an Auto-Regulatory Feedback Loop through Its Binding Partner Woc. <i>PLoS ONE</i> , 2009, 4, e5089. | 2.5 | 21 |
| 148 | ESC, ESCL and their roles in Polycomb Group mechanisms. <i>Mechanisms of Development</i> , 2008, 125, 527-541. | 1.7 | 34 |
| 149 | Analysis of Histone Modifications by Mass Spectrometry. <i>Current Protocols in Protein Science</i> , 2008, 51, Unit 14.10. | 2.8 | 32 |
| 150 | Fine Mapping of Posttranslational Modifications of the Linker Histone H1 from <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2008, 3, e1553. | 2.5 | 26 |
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