

# Eric Verdin

## List of Publications by Year in descending order

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255  
papers

56,287  
citations

831

121  
h-index

1333

229  
g-index

280  
all docs

280  
docs citations

280  
times ranked

60594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	1.4	4
2	T cell stimulation remodels the latently HIV-1 infected cell population by differential activation of proviral chromatin. <i>PLoS Pathogens</i> , 2022, 18, e1010555.	2.1	5
3	NAD <sup>+</sup> metabolism and its roles in cellular processes during ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 119-141.	16.1	593
4	How inflammaging diminishes adaptive immunity. <i>Nature Aging</i> , 2021, 1, 24-25.	5.3	12
5	Ketone Ester Treatment Improves Cardiac Function and Reduces Pathologic Remodeling in Preclinical Models of Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e007684.	1.6	87
6	Modeling Predictive Age-Dependent and Age-Independent Symptoms and Comorbidities of Patients Seeking Treatment for COVID-19: Model Development and Validation Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e25696.	2.1	3
7	Evaluating a New Class of AKT/mTOR Activators for HIV Latency-Reversing Activity <i>&lt;i&gt;Ex Vivo&lt;/i&gt;</i> and <i>&lt;i&gt;In Vivo&lt;/i&gt;</i> . <i>Journal of Virology</i> , 2021, 95, .	1.5	13
8	CAGE-Seq Reveals that HIV-1 Latent Infection Does Not Trigger Unique Cellular Responses in a Jurkat T Cell Model. <i>Journal of Virology</i> , 2021, 95, .	1.5	1
9	Toxicological evaluation of the ketogenic ester bis hexanoyl (R)-1,3-butanediol: Subchronic toxicity in Sprague Dawley rats. <i>Food and Chemical Toxicology</i> , 2021, 150, 112084.	1.8	2
10	NAD <sup>+</sup> Repletion Reverses Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2021, 128, 1629-1641.	2.0	96
11	Moving geroscience from the bench to clinical care and health policy. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 2455-2463.	1.3	42
12	Tolerability and Safety of a Novel Ketogenic Ester, Bis-Hexanoyl (R)-1,3-Butanediol: A Randomized Controlled Trial in Healthy Adults. <i>Nutrients</i> , 2021, 13, 2066.	1.7	17
13	University of Southern California and buck institute nathan shock center: multidimensional models of aging. <i>GeroScience</i> , 2021, 43, 2119-2127.	2.1	1
14	Metabolic Rewiring by Loss of Sirt5 Promotes Kras-Induced Pancreatic Cancer Progression. <i>Gastroenterology</i> , 2021, 161, 1584-1600.	0.6	50
15	Targeting Conserved Sequences Circumvents the Evolution of Resistance in a Viral Gene Drive against Human Cytomegalovirus. <i>Journal of Virology</i> , 2021, 95, e0080221.	1.5	1
16	The Effect of JAK1/2 Inhibitors on HIV Reservoir Using Primary Lymphoid Cell Model of HIV Latency. <i>Frontiers in Immunology</i> , 2021, 12, 720697.	2.2	9
17	Characterising proteolysis during SARS-CoV-2 infection identifies viral cleavage sites and cellular targets with therapeutic potential. <i>Nature Communications</i> , 2021, 12, 5553.	5.8	76
18	SARS-CoV-2, COVID-19 and the aging immune system. <i>Nature Aging</i> , 2021, 1, 769-782.	5.3	208

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19	Mitochondrial Deacetylase Sirt3 Reduces Vascular Dysfunction and Hypertension While Sirt3 Depletion in Essential Hypertension Is Linked to Vascular Inflammation and Oxidative Stress. <i>Circulation Research</i> , 2020, 126, 439-452.	2.0	195
20	Viral gene drive in herpesviruses. <i>Nature Communications</i> , 2020, 11, 4884.	5.8	17
21	Investigating Ketone Bodies as Immunometabolic Countermeasures against Respiratory Viral Infections. <i>Med</i> , 2020, 1, 43-65.	2.2	40
22	SUCLA2 mutations cause global protein succinylation contributing to the pathomechanism of a hereditary mitochondrial disease. <i>Nature Communications</i> , 2020, 11, 5927.	5.8	35
23	Sialyl-LewisX Glycoantigen Is Enriched on Cells with Persistent HIV Transcription during Therapy. <i>Cell Reports</i> , 2020, 32, 107991.	2.9	16
24	Paolo Sassone-Corsi (1956–2020). <i>Science</i> , 2020, 370, 532-532.	6.0	1
25	Clinical Evidence for Targeting NAD Therapeutically. <i>Pharmaceuticals</i> , 2020, 13, 247.	1.7	31
26	Senescent cells promote tissue NAD <sup>+</sup> decline during ageing via the activation of CD38 <sup>+</sup> macrophages. <i>Nature Metabolism</i> , 2020, 2, 1265-1283.	5.1	206
27	FOXO1 promotes HIV latency by suppressing ER stress in T cells. <i>Nature Microbiology</i> , 2020, 5, 1144-1157.	5.9	18
28	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. <i>Nature</i> , 2020, 583, 459-468.	13.7	3,542
29	Ketogenic Diets Alter the Gut Microbiome Resulting in Decreased Intestinal Th17 Cells. <i>Cell</i> , 2020, 181, 1263-1275.e16.	13.5	292
30	Human splice factors contribute to latent HIV infection in primary cell models and blood CD4 <sup>+</sup> T cells from ART-treated individuals. <i>PLoS Pathogens</i> , 2020, 16, e1009060.	2.1	18
31	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	1.4	32
32	From discoveries in ageing research to therapeutics for healthy ageing. <i>Nature</i> , 2019, 571, 183-192.	13.7	730
33	Lifespan-increasing drug nordihydroguaiaretic acid inhibits p300 and activates autophagy. <i>Npj Aging and Mechanisms of Disease</i> , 2019, 5, 7.	4.5	21
34	Stable integrant-specific differences in bimodal HIV-1 expression patterns revealed by high-throughput analysis. <i>PLoS Pathogens</i> , 2019, 15, e1007903.	2.1	5
35	High-Resolution Mass Spectrometry to Identify and Quantify Acetylation Protein Targets. <i>Methods in Molecular Biology</i> , 2019, 1983, 3-16.	0.4	15
36	Regulation of UCP1 and Mitochondrial Metabolism in Brown Adipose Tissue by Reversible Succinylation. <i>Molecular Cell</i> , 2019, 74, 844-857.e7.	4.5	123

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37	Telomere Dysfunction Induces Sirtuin Repression that Drives Telomere-Dependent Disease. <i>Cell Metabolism</i> , 2019, 29, 1274-1290.e9.	7.2	106
38	Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019, 25, 1822-1832.	15.2	2,195
39	The Mitochondrial Acylome Emerges: Proteomics, Regulation by Sirtuins, and Metabolic and Disease Implications. <i>Cell Metabolism</i> , 2018, 27, 497-512.	7.2	241
40	Lysine Acetylation Goes Global: From Epigenetics to Metabolism and Therapeutics. <i>Chemical Reviews</i> , 2018, 118, 1216-1252.	23.0	236
41	Sirt4 is a mitochondrial regulator of metabolism and lifespan in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1564-1569.	3.3	64
42	Metabolic reprogramming of human CD8+ memory T cells through loss of SIRT1. <i>Journal of Experimental Medicine</i> , 2018, 215, 51-62.	4.2	91
43	Defining Metabolic and Nonmetabolic Regulation of Histone Acetylation by NSAID Chemotypes. <i>Molecular Pharmaceutics</i> , 2018, 15, 729-736.	2.3	4
44	Temporal dynamics of liver mitochondrial protein acetylation and succinylation and metabolites due to high fat diet and/or excess glucose or fructose. <i>PLoS ONE</i> , 2018, 13, e0208973.	1.1	38
45	Anti-apoptotic Protein BIRC5 Maintains Survival of HIV-1-Infected CD4+ T Cells. <i>Immunity</i> , 2018, 48, 1183-1194.e5.	6.6	109
46	Distinct chromatin functional states correlate with HIV latency reactivation in infected primary CD4+ T cells. <i>ELife</i> , 2018, 7, .	2.8	126
47	NAD <sup>+</sup> -dependent deacetylase SIRT3 in adipocytes is dispensable for maintaining normal adipose tissue mitochondrial function and whole body metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E520-E530.	1.8	33
48	Histone Deacetylase 7 mediates tissue-specific autoimmunity via control of innate effector function in invariant Natural Killer T Cells. <i>ELife</i> , 2018, 7, .	2.8	24
49	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. <i>Cell Metabolism</i> , 2018, 28, 866-880.e15.	7.2	154
50	HIVGKO: A Tool to Assess HIV-1 Latency Reversal Agents in Human Primary CD4+ T Cells. <i>Bio-protocol</i> , 2018, 8, .	0.2	11
51	SIRT3 blocks myofibroblast differentiation and pulmonary fibrosis by preventing mitochondrial DNA damage. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L68-L78.	1.3	70
52	Long-term calorie restriction in humans is not associated with indices of delayed immunologic aging: A descriptive study. <i>Nutrition and Healthy Aging</i> , 2017, 4, 147-156.	0.5	20
53	Tonic LAT-HDAC7 Signals Sustain Nur77 and Irf4 Expression to Tune Naive CD4 <sup>+</sup> T Cells. <i>Cell Reports</i> , 2017, 19, 1558-1571.	2.9	34
54	Î <sup>2</sup> -Hydroxybutyrate: A Signaling Metabolite. <i>Annual Review of Nutrition</i> , 2017, 37, 51-76.	4.3	478

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55	Ketogenic Diet Reduces Midlife Mortality and Improves Memory in Aging Mice. <i>Cell Metabolism</i> , 2017, 26, 547-557.e8.	7.2	333
56	Distinct Circadian Signatures in Liver and Gut Clocks Revealed by Ketogenic Diet. <i>Cell Metabolism</i> , 2017, 26, 523-538.e5.	7.2	162
57	Intestinal SIRT3 overexpression in mice improves whole body glucose homeostasis independent of body weight. <i>Molecular Metabolism</i> , 2017, 6, 1264-1273.	3.0	18
58	Salicylate, diflunisal and their metabolites inhibit CBP/p300 and exhibit anticancer activity. <i>ELife</i> , 2016, 5, .	2.8	55
59	Aging Promotes Sirtuin 3-Dependent Cartilage Superoxide Dismutase 2 Acetylation and Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 1887-1898.	2.9	82
60	The mTOR Complex Controls HIV Latency. <i>Cell Host and Microbe</i> , 2016, 20, 785-797.	5.1	179
61	LEDGIN-mediated Inhibition of Integrase-LEDGF/p75 Interaction Reduces Reactivation of Residual Latent HIV. <i>EBioMedicine</i> , 2016, 8, 248-264.	2.7	90
62	SIRT3 Blocks Aging-Associated Tissue Fibrosis in Mice by Deacetylating and Activating Glycogen Synthase Kinase 3 $\beta$ . <i>Molecular and Cellular Biology</i> , 2016, 36, 678-692.	1.1	150
63	Mitochondrial Dysfunction Induces Senescence with a Distinct Secretory Phenotype. <i>Cell Metabolism</i> , 2016, 23, 303-314.	7.2	776
64	A Novel Sirtuin-3 Inhibitor, LC-0296, Inhibits Cell Survival and Proliferation, and Promotes Apoptosis of Head and Neck Cancer Cells. <i>Anticancer Research</i> , 2016, 36, 49-60.	0.5	36
65	MicroRNA-155 Reinforces HIV Latency. <i>Journal of Biological Chemistry</i> , 2015, 290, 13736-13748.	1.6	72
66	SIRT5 Regulates both Cytosolic and Mitochondrial Protein Malonylation with Glycolysis as a Major Target. <i>Molecular Cell</i> , 2015, 59, 321-332.	4.5	363
67	NAD <sup>+</sup> in aging, metabolism, and neurodegeneration. <i>Science</i> , 2015, 350, 1208-1213.	6.0	887
68	50 years of protein acetylation: from gene regulation to epigenetics, metabolism and beyond. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 258-264.	16.1	680
69	Understanding HIV Latency: The Road to an HIV Cure. <i>Annual Review of Medicine</i> , 2015, 66, 407-421.	5.0	193
70	SIRT1 deacetylates ROR $\gamma$ t and enhances Th17 cell generation. <i>Journal of Experimental Medicine</i> , 2015, 212, 607-617.	4.2	126
71	Critical role of acetylation in tau-mediated neurodegeneration and cognitive deficits. <i>Nature Medicine</i> , 2015, 21, 1154-1162.	15.2	398
72	SIRT3 and SIRT5 Regulate the Enzyme Activity and Cardiolipin Binding of Very Long-Chain Acyl-CoA Dehydrogenase. <i>PLoS ONE</i> , 2015, 10, e0122297.	1.1	81

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73	HIV Latency Is Established Directly and Early in Both Resting and Activated Primary CD4 T Cells. PLoS Pathogens, 2015, 11, e1004955.	2.1	187
74	Activation of SIRT3 by the NAD <sup>+</sup> Precursor Nicotinamide Riboside Protects from Noise-Induced Hearing Loss. Cell Metabolism, 2014, 20, 1059-1068.	7.2	237
75	Ketone bodies as signaling metabolites. Trends in Endocrinology and Metabolism, 2014, 25, 42-52.	3.1	708
76	The Many Faces of Sirtuins: Coupling of NAD metabolism, sirtuins and lifespan. Nature Medicine, 2014, 20, 25-27.	15.2	65
77	The growing landscape of lysine acetylation links metabolism and cell signalling. Nature Reviews Molecular Cell Biology, 2014, 15, 536-550.	16.1	1,153
78	̢-hydroxybutyrate: Much more than a metabolite. Diabetes Research and Clinical Practice, 2014, 106, 173-181.	1.1	239
79	Therapy for Latent HIV-1 Infection: The Role of Histone Deacetylase Inhibitors. Antiviral Chemistry and Chemotherapy, 2014, 23, 145-149.	0.3	45
80	HIV-1 Chromatin, Transcription, and the Regulatory Protein Tat. Methods in Molecular Biology, 2014, 1087, 85-101.	0.4	10
81	MicroRNAs of the miR-17~492 family are critical regulators of TFH differentiation. Nature Immunology, 2013, 14, 849-857.	7.0	162
82	Sirt3 Regulates Metabolic Flexibility of Skeletal Muscle Through Reversible Enzymatic Deacetylation. Diabetes, 2013, 62, 3404-3417.	0.3	234
83	Acetylphosphate: A Novel Link between Lysine Acetylation and Intermediary Metabolism in Bacteria. Molecular Cell, 2013, 51, 132-134.	4.5	15
84	The nexus of chromatin regulation and intermediary metabolism. Nature, 2013, 502, 489-498.	13.7	341
85	Sirtuin-3 (SIRT3) and the Hallmarks of Cancer. Genes and Cancer, 2013, 4, 164-171.	0.6	53
86	Reactivation of latent HIV by histone deacetylase inhibitors. Trends in Microbiology, 2013, 21, 277-285.	3.5	186
87	Sirtuin 3 (SIRT3) Protein Regulates Long-chain Acyl-CoA Dehydrogenase by Deacetylating Conserved Lysines Near the Active Site. Journal of Biological Chemistry, 2013, 288, 33837-33847.	1.6	147
88	SIRT5 Regulates the Mitochondrial Lysine Succinylome and Metabolic Networks. Cell Metabolism, 2013, 18, 920-933.	7.2	549
89	Whole-organism screening for gluconeogenesis identifies activators of fasting metabolism. Nature Chemical Biology, 2013, 9, 97-104.	3.9	161
90	Suppression of Oxidative Stress by ̢-Hydroxybutyrate, an Endogenous Histone Deacetylase Inhibitor. Science, 2013, 339, 211-214.	6.0	1,264

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91	Dual-color HIV reporters trace a population of latently infected cells and enable their purification. <i>Virology</i> , 2013, 446, 283-292.	1.1	74
92	Mitochondrial SIRT4-type proteins in <i>Caenorhabditis elegans</i> and mammals interact with pyruvate carboxylase and other acetylated biotin-dependent carboxylases. <i>Mitochondrion</i> , 2013, 13, 705-720.	1.6	18
93	Rejuvenating SIRT1 Activators. <i>Cell Metabolism</i> , 2013, 17, 635-637.	7.2	15
94	Three Rules for HIV Latency: Location, Location, and Location. <i>Cell Host and Microbe</i> , 2013, 13, 625-626.	5.1	6
95	An In-Depth Comparison of Latent HIV-1 Reactivation in Multiple Cell Model Systems and Resting CD4+ T Cells from Aviremic Patients. <i>PLoS Pathogens</i> , 2013, 9, e1003834.	2.1	360
96	BET bromodomain-targeting compounds reactivate HIV from latency via a Tat-independent mechanism. <i>Cell Cycle</i> , 2013, 12, 452-462.	1.3	209
97	Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6601-6606.	3.3	414
98	Reactivation of latent HIV-1 in central memory CD4+T cells through TLR-1/2 stimulation. <i>Retrovirology</i> , 2013, 10, 119.	0.9	124
99	The sirtuins, oxidative stress and aging: an emerging link. <i>Aging</i> , 2013, 5, 144-150.	1.4	209
100	SIRT4 regulates ATP homeostasis and mediates a retrograde signaling via AMPK. <i>Aging</i> , 2013, 5, 835-849.	1.4	130
101	Metabolic Regulation, Mitochondria and the Life-Prolonging Effect of Rapamycin: A Mini-Review. <i>Gerontology</i> , 2012, 58, 524-530.	1.4	28
102	Nuclear export of histone deacetylase 7 during thymic selection is required for immune self-tolerance. <i>EMBO Journal</i> , 2012, 31, 4453-4465.	3.5	36
103	Platform-independent and Label-free Quantitation of Proteomic Data Using MS1 Extracted Ion Chromatograms in Skyline. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 202-214.	2.5	428
104	Angiopoietin-1 and Vascular Endothelial Growth Factor Regulation of Leukocyte Adhesion to Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1707-1716.	1.1	30
105	Two-pronged Binding with Bromodomain-containing Protein 4 Liberates Positive Transcription Elongation Factor b from Inactive Ribonucleoprotein Complexes. <i>Journal of Biological Chemistry</i> , 2012, 287, 1090-1099.	1.6	154
106	Combination of Biological Screening in a Cellular Model of Viral Latency and Virtual Screening Identifies Novel Compounds That Reactivate HIV-1. <i>Journal of Virology</i> , 2012, 86, 3795-3808.	1.5	28
107	Dietary restriction attenuates age-associated muscle atrophy by lowering oxidative stress in mice even in complete absence of CuZnSOD. <i>Aging Cell</i> , 2012, 11, 770-782.	3.0	82
108	Mitochondrial sirtuins: regulators of protein acylation and metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 467-476.	3.1	231

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109	The Longevity of Sirtuins. <i>Cell Reports</i> , 2012, 2, 1473-1474.	2.9	10
110	Inhibition of SIRT2 Potentiates the Anti-motility Activity of Taxanes: Implications for Antineoplastic Combination Therapies. <i>Neoplasia</i> , 2012, 14, 846-IN16.	2.3	28
111	Mitochondrial Acetylome Analysis in a Mouse Model of Alcohol-Induced Liver Injury Utilizing SIRT3 Knockout Mice. <i>Journal of Proteome Research</i> , 2012, 11, 1633-1643.	1.8	113
112	Mitochondrial Protein Acylation and Intermediary Metabolism: Regulation by Sirtuins and Implications for Metabolic Disease. <i>Journal of Biological Chemistry</i> , 2012, 287, 42436-42443.	1.6	187
113	Immunosenescence and HIV. <i>Current Opinion in Immunology</i> , 2012, 24, 501-506.	2.4	126
114	Three Novel Acetylation Sites in the Foxp3 Transcription Factor Regulate the Suppressive Activity of Regulatory T Cells. <i>Journal of Immunology</i> , 2012, 188, 2712-2721.	0.4	137
115	Inhibitors of the NAD <sup>+</sup> -Dependent Protein Desuccinylase and Demalonylase Sirt5. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 1050-1053.	1.3	58
116	Towards an HIV cure: a global scientific strategy. <i>Nature Reviews Immunology</i> , 2012, 12, 607-614.	10.6	485
117	HDAC5 is required for maintenance of pericentric heterochromatin, and controls cell-cycle progression and survival of human cancer cells. <i>Cell Death and Differentiation</i> , 2012, 19, 1239-1252.	5.0	55
118	Receptor-interacting protein (RIP) and Sirtuin3 (SIRT3) are on opposite sides of anoikis and tumorigenesis. <i>Cancer</i> , 2012, 118, 5800-5810.	2.0	35
119	HIV latency: experimental systems and molecular models. <i>FEMS Microbiology Reviews</i> , 2012, 36, 706-716.	3.9	72
120	The First Identification of Lysine Malonylation Substrates and Its Regulatory Enzyme. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.012658.	2.5	598
121	SIRT3 Deficiency and Mitochondrial Protein Hyperacetylation Accelerate the Development of the Metabolic Syndrome. <i>Molecular Cell</i> , 2011, 44, 177-190.	4.5	691
122	In vivo, in vitro, and in silico analysis of methylation of the HIV-1 provirus. <i>Methods</i> , 2011, 53, 47-53.	1.9	53
123	Epigenetic regulation of HIV latency. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 19-24.	1.5	96
124	SIRT3 and cancer: Tumor promoter or suppressor?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1816, 80-88.	3.3	105
125	Sirtuin3 (SIRT3), a novel potential therapeutic target for oral cancer. <i>Cancer</i> , 2011, 117, 1670-1678.	2.0	184
126	Sirtuin-3 (Sirt3) regulates skeletal muscle metabolism and insulin signaling via altered mitochondrial oxidation and reactive oxygen species production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14608-14613.	3.3	403



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127	Histone Deacetylase 7 Regulates Cell Survival and TCR Signaling in CD4/CD8 Double-Positive Thymocytes. <i>Journal of Immunology</i> , 2011, 186, 4782-4793.	0.4	74
128	SIRT3 Regulates Mitochondrial Protein Acetylation and Intermediary Metabolism. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 267-277.	2.0	159
129	Repressive LTR Nucleosome Positioning by the BAF Complex Is Required for HIV Latency. <i>PLoS Biology</i> , 2011, 9, e1001206.	2.6	153
130	SIRT1 and SIRT3 Deacetylate Homologous Substrates: AceCS1,2 and HMGCS1,2. <i>Aging</i> , 2011, 3, 635-642.	1.4	85
131	Acetate metabolism and aging: An emerging connection. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 511-516.	2.2	67
132	Sirtuin regulation of mitochondria: energy production, apoptosis, and signaling. <i>Trends in Biochemical Sciences</i> , 2010, 35, 669-675.	3.7	549
133	Mitochondrial sirtuins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1645-1651.	1.1	199
134	HAT Trick: p300, Small Molecule, Inhibitor. <i>Chemistry and Biology</i> , 2010, 17, 417-418.	6.2	13
135	CpG methylation controls reactivation of HIV from latency. <i>Retrovirology</i> , 2010, 7, .	0.9	1
136	SIRT3 regulates mitochondrial fatty-acid oxidation by reversible enzyme deacetylation. <i>Nature</i> , 2010, 464, 121-125.	13.7	1,388
137	miRNAs regulate SIRT1 expression during mouse embryonic stem cell differentiation and in adult mouse tissues. <i>Aging</i> , 2010, 2, 415-431.	1.4	217
138	Dietary Restriction: Standing Up for Sirtuins. <i>Science</i> , 2010, 329, 1012-1013.	6.0	63
139	Histone Deacetylase 7 and FoxA1 in Estrogen-Mediated Repression of RPRM. <i>Molecular and Cellular Biology</i> , 2010, 30, 399-412.	1.1	67
140	Zmynd15 Encodes a Histone Deacetylase-dependent Transcriptional Repressor Essential for Spermiogenesis and Male Fertility. <i>Journal of Biological Chemistry</i> , 2010, 285, 31418-31426.	1.6	52
141	HIV Persistence and the Prospect of Long-Term Drug-Free Remissions for HIV-Infected Individuals. <i>Science</i> , 2010, 329, 174-180.	6.0	274
142	Regulatory signal transduction pathways for class IIa histone deacetylases. <i>Current Opinion in Pharmacology</i> , 2010, 10, 454-460.	1.7	126
143	The Cellular Lysine Methyltransferase Set7/9-KMT7 Binds HIV-1 TAR RNA, Monomethylates the Viral Transactivator Tat, and Enhances HIV Transcription. <i>Cell Host and Microbe</i> , 2010, 7, 234-244.	5.1	88
144	SIRT3 Deacetylates Mitochondrial 3-Hydroxy-3-Methylglutaryl CoA Synthase 2 and Regulates Ketone Body Production. <i>Cell Metabolism</i> , 2010, 12, 654-661.	7.2	418

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145	Calorie Restriction Reduces Oxidative Stress by SIRT3-Mediated SOD2 Activation. <i>Cell Metabolism</i> , 2010, 12, 662-667.	7.2	1,142
146	A New Splice Variant of the Mouse SIRT3 Gene Encodes the Mitochondrial Precursor Protein. <i>PLoS ONE</i> , 2009, 4, e4986.	1.1	50
147	CpG Methylation Controls Reactivation of HIV from Latency. <i>PLoS Pathogens</i> , 2009, 5, e1000554.	2.1	285
148	Epigenetic Regulation of HIV-1 Latency by Cytosine Methylation. <i>PLoS Pathogens</i> , 2009, 5, e1000495.	2.1	321
149	The Serum Response Factor and a Putative Novel Transcription Factor Regulate Expression of the Immediate-Early Gene <i>Arc/Arg3.1</i> in Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 1525-1537.	1.7	75
150	Pyridylalanine-Containing Hydroxamic Acids as Selective HDAC6 Inhibitors. <i>ChemMedChem</i> , 2009, 4, 283-290.	1.6	37
151	HDAC4 represses p21WAF1/Cip1 expression in human cancer cells through a Sp1-dependent, p53-independent mechanism. <i>Oncogene</i> , 2009, 28, 243-256.	2.6	140
152	Stress Response and Aging. <i>Science</i> , 2009, 323, 1021-1022.	6.0	73
153	Chapter 8 Acetylation of Mitochondrial Proteins. <i>Methods in Enzymology</i> , 2009, 457, 137-147.	0.4	48
154	Thiobarbiturates as Sirtuin Inhibitors: Virtual Screening, Free Energy Calculations, and Biological Testing. <i>ChemMedChem</i> , 2008, 3, 1965-1976.	1.6	59
155	Phenylalanine-containing hydroxamic acids as selective inhibitors of class IIb histone deacetylases (HDACs). <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 2011-2033.	1.4	73
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