List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Meeting Report: Aging Research and Drug Discovery. Aging, 2022, 14, 530-543.	3.1	4
2	T cell stimulation remodels the latently HIV-1 infected cell population by differential activation of proviral chromatin. PLoS Pathogens, 2022, 18, e1010555.	4.7	5
3	NAD+ metabolism and its roles in cellular processes during ageing. Nature Reviews Molecular Cell Biology, 2021, 22, 119-141.	37.0	593
4	How inflammaging diminishes adaptive immunity. Nature Aging, 2021, 1, 24-25.	11.6	12
5	Ketone Ester Treatment Improves Cardiac Function and Reduces Pathologic Remodeling in Preclinical Models of Heart Failure. Circulation: Heart Failure, 2021, 14, e007684.	3.9	87
6	Modeling Predictive Age-Dependent and Age-Independent Symptoms and Comorbidities of Patients Seeking Treatment for COVID-19: Model Development and Validation Study. Journal of Medical Internet Research, 2021, 23, e25696.	4.3	3
7	Evaluating a New Class of AKT/mTOR Activators for HIV Latency-Reversing Activity <i>Ex Vivo</i> and <i>In Vivo</i> . Journal of Virology, 2021, 95, .	3.4	13
8	CAGE-Seq Reveals that HIV-1 Latent Infection Does Not Trigger Unique Cellular Responses in a Jurkat T Cell Model. Journal of Virology, 2021, 95, .	3.4	1
9	Toxicological evaluation of the ketogenic ester bis hexanoyl (R)-1,3-butanediol: Subchronic toxicity in Sprague Dawley rats. Food and Chemical Toxicology, 2021, 150, 112084.	3.6	2
10	NAD <sup>+</sup> Repletion Reverses Heart Failure With Preserved Ejection Fraction. Circulation Research, 2021, 128, 1629-1641.	4.5	96
11	Moving geroscience from the bench to clinical care and health policy. Journal of the American Geriatrics Society, 2021, 69, 2455-2463.	2.6	42
12	Tolerability and Safety of a Novel Ketogenic Ester, Bis-Hexanoyl (R)-1,3-Butanediol: A Randomized Controlled Trial in Healthy Adults. Nutrients, 2021, 13, 2066.	4.1	17
13	University of Southern California and buck institute nathan shock center: multidimensional models of aging. GeroScience, 2021, 43, 2119-2127.	4.6	1
14	Metabolic Rewiring by Loss of Sirt5 Promotes Kras-Induced Pancreatic Cancer Progression. Gastroenterology, 2021, 161, 1584-1600.	1.3	50
15	Targeting Conserved Sequences Circumvents the Evolution of Resistance in a Viral Gene Drive against Human Cytomegalovirus. Journal of Virology, 2021, 95, e0080221.	3.4	1
16	The Effect of JAK1/2 Inhibitors on HIV Reservoir Using Primary Lymphoid Cell Model of HIV Latency. Frontiers in Immunology, 2021, 12, 720697.	4.8	9
17	Characterising proteolysis during SARS-CoV-2 infection identifies viral cleavage sites and cellular targets with therapeutic potential. Nature Communications, 2021, 12, 5553.	12.8	76
18	SARS-CoV-2, COVID-19 and the aging immune system. Nature Aging, 2021, 1, 769-782.	11.6	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. Circulation Research, 2020, 126, 439-452.	4.5	195
20	Viral gene drive in herpesviruses. Nature Communications, 2020, 11, 4884.	12.8	17
21	Investigating Ketone Bodies as Immunometabolic Countermeasures against Respiratory Viral Infections. Med, 2020, 1, 43-65.	4.4	40
22	SUCLA2 mutations cause global protein succinylation contributing to the pathomechanism of a hereditary mitochondrial disease. Nature Communications, 2020, 11, 5927.	12.8	35
23	Sialyl-LewisX Glycoantigen Is Enriched on Cells with Persistent HIV Transcription during Therapy. Cell Reports, 2020, 32, 107991.	6.4	16
24	Paolo Sassone-Corsi (1956–2020). Science, 2020, 370, 532-532.	12.6	1
25	Clinical Evidence for Targeting NAD Therapeutically. Pharmaceuticals, 2020, 13, 247.	3.8	31
26	Senescent cells promote tissue NAD+ decline during ageing via the activation of CD38+ macrophages. Nature Metabolism, 2020, 2, 1265-1283.	11.9	206
27	FOXO1 promotes HIV latency by suppressing ER stress in T cells. Nature Microbiology, 2020, 5, 1144-1157.	13.3	18
28	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. Nature, 2020, 583, 459-468.	27.8	3,542
29	Ketogenic Diets Alter the Gut Microbiome Resulting in Decreased Intestinal Th17 Cells. Cell, 2020, 181, 1263-1275.e16.	28.9	292
30	Human splice factors contribute to latent HIV infection in primary cell models and blood CD4+ T cells from ART-treated individuals. PLoS Pathogens, 2020, 16, e1009060.	4.7	18
31	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	3.1	32
32	From discoveries in ageing research to therapeutics for healthy ageing. Nature, 2019, 571, 183-192.	27.8	730
33	Lifespan-increasing drug nordihydroguaiaretic acid inhibits p300 and activates autophagy. Npj Aging and Mechanisms of Disease, 2019, 5, 7.	4.5	21
34	Stable integrant-specific differences in bimodal HIV-1 expression patterns revealed by high-throughput analysis. PLoS Pathogens, 2019, 15, e1007903.	4.7	5
35	High-Resolution Mass Spectrometry to Identify and Quantify Acetylation Protein Targets. Methods in Molecular Biology, 2019, 1983, 3-16.	0.9	15
36	Regulation of UCP1 and Mitochondrial Metabolism in Brown Adipose Tissue by Reversible Succinylation. Molecular Cell, 2019, 74, 844-857.e7.	9.7	123

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37	Telomere Dysfunction Induces Sirtuin Repression that Drives Telomere-Dependent Disease. Cell Metabolism, 2019, 29, 1274-1290.e9.	16.2	106
38	Chronic inflammation in the etiology of disease across the life span. Nature Medicine, 2019, 25, 1822-1832.	30.7	2,195
39	The Mitochondrial Acylome Emerges: Proteomics, Regulation by Sirtuins, and Metabolic and Disease Implications. Cell Metabolism, 2018, 27, 497-512.	16.2	241
40	Lysine Acetylation Goes Global: From Epigenetics to Metabolism and Therapeutics. Chemical Reviews, 2018, 118, 1216-1252.	47.7	236
41	Sirt4 is a mitochondrial regulator of metabolism and lifespan in <i>Drosophila melanogaster</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1564-1569.	7.1	64
42	Metabolic reprogramming of human CD8+ memory T cells through loss of SIRT1. Journal of Experimental Medicine, 2018, 215, 51-62.	8.5	91
43	Defining Metabolic and Nonmetabolic Regulation of Histone Acetylation by NSAID Chemotypes. Molecular Pharmaceutics, 2018, 15, 729-736.	4.6	4
44	Temporal dynamics of liver mitochondrial protein acetylation and succinylation and metabolites due to high fat diet and/or excess glucose or fructose. PLoS ONE, 2018, 13, e0208973.	2.5	38
45	Anti-apoptotic Protein BIRC5 Maintains Survival of HIV-1-Infected CD4+ T Cells. Immunity, 2018, 48, 1183-1194.e5.	14.3	109
46	Distinct chromatin functional states correlate with HIV latency reactivation in infected primary CD4+ T cells. ELife, 2018, 7, .	6.0	126
47	NAD <sup>+</sup> -dependent deacetylase SIRT3 in adipocytes is dispensable for maintaining normal adipose tissue mitochondrial function and whole body metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E520-E530.	3.5	33
48	Histone Deacetylase 7 mediates tissue-specific autoimmunity via control of innate effector function in invariant Natural Killer T Cells. ELife, 2018, 7, .	6.0	24
49	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. Cell Metabolism, 2018, 28, 866-880.e15.	16.2	154
50	HIVGKO: A Tool to Assess HIV-1 Latency Reversal Agents in Human Primary CD4+ T Cells. Bio-protocol, 2018, 8, .	0.4	11
51	SIRT3 blocks myofibroblast differentiation and pulmonary fibrosis by preventing mitochondrial DNA damage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L68-L78.	2.9	70
52	Long-term calorie restriction in humans is not associated with indices of delayed immunologic aging: A descriptive study. Nutrition and Healthy Aging, 2017, 4, 147-156.	1.1	20
53	Tonic LAT-HDAC7 Signals Sustain Nur77 and Irf4 Expression to Tune Naive CD4ÂT Cells. Cell Reports, 2017, 19, 1558-1571.	6.4	34
54	β-Hydroxybutyrate: A Signaling Metabolite. Annual Review of Nutrition, 2017, 37, 51-76.	10.1	478

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55	Ketogenic Diet Reduces Midlife Mortality and Improves Memory in Aging Mice. Cell Metabolism, 2017, 26, 547-557.e8.	16.2	333
56	Distinct Circadian Signatures in Liver and Gut Clocks Revealed by Ketogenic Diet. Cell Metabolism, 2017, 26, 523-538.e5.	16.2	162
57	Intestinal SIRT3 overexpression in mice improves whole body glucose homeostasis independent of body weight. Molecular Metabolism, 2017, 6, 1264-1273.	6.5	18
58	Salicylate, diflunisal and their metabolites inhibit CBP/p300 and exhibit anticancer activity. ELife, 2016, 5, .	6.0	55
59	Aging Promotes Sirtuin 3–Dependent Cartilage Superoxide Dismutase 2 Acetylation and Osteoarthritis. Arthritis and Rheumatology, 2016, 68, 1887-1898.	5.6	82
60	The mTOR Complex Controls HIV Latency. Cell Host and Microbe, 2016, 20, 785-797.	11.0	179
61	LEDCIN-mediated Inhibition of Integrase–LEDGF/p75 Interaction Reduces Reactivation of Residual Latent HIV. EBioMedicine, 2016, 8, 248-264.	6.1	90
62	SIRT3 Blocks Aging-Associated Tissue Fibrosis in Mice by Deacetylating and Activating Glycogen Synthase Kinase 3I <sup>2</sup> . Molecular and Cellular Biology, 2016, 36, 678-692.	2.3	150
63	Mitochondrial Dysfunction Induces Senescence with a Distinct Secretory Phenotype. Cell Metabolism, 2016, 23, 303-314.	16.2	776
64	A Novel Sirtuin-3 Inhibitor, LC-0296, Inhibits Cell Survival and Proliferation, and Promotes Apoptosis of Head and Neck Cancer Cells. Anticancer Research, 2016, 36, 49-60.	1.1	36
65	MicroRNA-155 Reinforces HIV Latency. Journal of Biological Chemistry, 2015, 290, 13736-13748.	3.4	72
66	SIRT5 Regulates both Cytosolic and Mitochondrial Protein Malonylation with Glycolysis as a Major Target. Molecular Cell, 2015, 59, 321-332.	9.7	363
67	NAD <sup>+</sup> in aging, metabolism, and neurodegeneration. Science, 2015, 350, 1208-1213.	12.6	887
68	50 years of protein acetylation: from gene regulation to epigenetics, metabolism and beyond. Nature Reviews Molecular Cell Biology, 2015, 16, 258-264.	37.0	680
69	Understanding HIV Latency: The Road to an HIV Cure. Annual Review of Medicine, 2015, 66, 407-421.	12.2	193
70	SIRT1 deacetylates RORγt and enhances Th17 cell generation. Journal of Experimental Medicine, 2015, 212, 607-617.	8.5	126
71	Critical role of acetylation in tau-mediated neurodegeneration and cognitive deficits. Nature Medicine, 2015, 21, 1154-1162.	30.7	398
72	SIRT3 and SIRT5 Regulate the Enzyme Activity and Cardiolipin Binding of Very Long-Chain Acyl-CoA Dehydrogenase. PLoS ONE, 2015, 10, e0122297.	2.5	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.	4.7	187
74	Activation of SIRT3 by the NAD+ Precursor Nicotinamide Riboside Protects from Noise-Induced Hearing Loss. Cell Metabolism, 2014, 20, 1059-1068.	16.2	237
75	Ketone bodies as signaling metabolites. Trends in Endocrinology and Metabolism, 2014, 25, 42-52.	7.1	708
76	The Many Faces of Sirtuins: Coupling of NAD metabolism, sirtuins and lifespan. Nature Medicine, 2014, 20, 25-27.	30.7	65
77	The growing landscape of lysine acetylation links metabolism and cell signalling. Nature Reviews Molecular Cell Biology, 2014, 15, 536-550.	37.0	1,153
78	β-hydroxybutyrate: Much more than a metabolite. Diabetes Research and Clinical Practice, 2014, 106, 173-181.	2.8	239
79	Therapy for Latent HIV-1 Infection: The Role of Histone Deacetylase Inhibitors. Antiviral Chemistry and Chemotherapy, 2014, 23, 145-149.	0.6	45
80	HIV-1 Chromatin, Transcription, and the Regulatory Protein Tat. Methods in Molecular Biology, 2014, 1087, 85-101.	0.9	10
81	MicroRNAs of the miR-17â^¼92 family are critical regulators of TFH differentiation. Nature Immunology, 2013, 14, 849-857.	14.5	162
82	Sirt3 Regulates Metabolic Flexibility of Skeletal Muscle Through Reversible Enzymatic Deacetylation. Diabetes, 2013, 62, 3404-3417.	0.6	234
83	Acetylphosphate: A Novel Link between Lysine Acetylation and Intermediary Metabolism in Bacteria. Molecular Cell, 2013, 51, 132-134.	9.7	15
84	The nexus of chromatin regulation and intermediary metabolism. Nature, 2013, 502, 489-498.	27.8	341
85	Sirtuin-3 (SIRT3) and the Hallmarks of Cancer. Genes and Cancer, 2013, 4, 164-171.	1.9	53
86	Reactivation of latent HIV by histone deacetylase inhibitors. Trends in Microbiology, 2013, 21, 277-285.	7.7	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.	3.4	147
88	SIRT5 Regulates the Mitochondrial Lysine Succinylome and Metabolic Networks. Cell Metabolism, 2013, 18, 920-933.	16.2	549
89	Whole-organism screening for gluconeogenesis identifies activators of fasting metabolism. Nature Chemical Biology, 2013, 9, 97-104.	8.0	161
90	Suppression of Oxidative Stress by β-Hydroxybutyrate, an Endogenous Histone Deacetylase Inhibitor. Science, 2013, 339, 211-214.	12.6	1,264

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91	Dual-color HIV reporters trace a population of latently infected cells and enable their purification. Virology, 2013, 446, 283-292.	2.4	74
92	Mitochondrial SIRT4-type proteins in Caenorhabditis elegans and mammals interact with pyruvate carboxylase and other acetylated biotin-dependent carboxylases. Mitochondrion, 2013, 13, 705-720.	3.4	18
93	Rejuvenating SIRT1 Activators. Cell Metabolism, 2013, 17, 635-637.	16.2	15
94	Three Rules for HIV Latency: Location, Location, and Location. Cell Host and Microbe, 2013, 13, 625-626.	11.0	6
95	An In-Depth Comparison of Latent HIV-1 Reactivation in Multiple Cell Model Systems and Resting CD4+ T Cells from Aviremic Patients. PLoS Pathogens, 2013, 9, e1003834.	4.7	360
96	BET bromodomain-targeting compounds reactivate HIV from latency via a Tat-independent mechanism. Cell Cycle, 2013, 12, 452-462.	2.6	209
97	Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6601-6606.	7.1	414
98	Reactivation of latent HIV-1 in central memory CD4+T cells through TLR-1/2 stimulation. Retrovirology, 2013, 10, 119.	2.0	124
99	The sirtuins, oxidative stress and aging: an emerging link. Aging, 2013, 5, 144-150.	3.1	209
100	SIRT4 regulates ATP homeostasis and mediates a retrograde signaling via AMPK. Aging, 2013, 5, 835-849.	3.1	130
101	Metabolic Regulation, Mitochondria and the Life-Prolonging Effect of Rapamycin: A Mini-Review. Gerontology, 2012, 58, 524-530.	2.8	28
102	Nuclear export of histone deacetylase 7 during thymic selection is required for immune self-tolerance. EMBO Journal, 2012, 31, 4453-4465.	7.8	36
103	Platform-independent and Label-free Quantitation of Proteomic Data Using MS1 Extracted Ion Chromatograms in Skyline. Molecular and Cellular Proteomics, 2012, 11, 202-214.	3.8	428
104	Angiopoietin-1 and Vascular Endothelial Growth Factor Regulation of Leukocyte Adhesion to Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1707-1716.	2.4	30
105	Two-pronged Binding with Bromodomain-containing Protein 4 Liberates Positive Transcription Elongation Factor b from Inactive Ribonucleoprotein Complexes. Journal of Biological Chemistry, 2012, 287, 1090-1099.	3.4	154
106	Combination of Biological Screening in a Cellular Model of Viral Latency and Virtual Screening Identifies Novel Compounds That Reactivate HIV-1. Journal of Virology, 2012, 86, 3795-3808.	3.4	28
107	Dietary restriction attenuates ageâ€associated muscle atrophy by lowering oxidative stress in mice even in complete absence of CuZnSOD. Aging Cell, 2012, 11, 770-782.	6.7	82
108	Mitochondrial sirtuins: regulators of protein acylation and metabolism. Trends in Endocrinology and Metabolism, 2012, 23, 467-476.	7.1	231

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109	The Longevity of Sirtuins. Cell Reports, 2012, 2, 1473-1474.	6.4	10
110	Inhibition of SIRT2 Potentiates the Anti-motility Activity of Taxanes: Implications for Antineoplastic Combination Therapies. Neoplasia, 2012, 14, 846-IN16.	5.3	28
111	Mitochondrial Acetylome Analysis in a Mouse Model of Alcohol-Induced Liver Injury Utilizing SIRT3 Knockout Mice. Journal of Proteome Research, 2012, 11, 1633-1643.	3.7	113
112	Mitochondrial Protein Acylation and Intermediary Metabolism: Regulation by Sirtuins and Implications for Metabolic Disease. Journal of Biological Chemistry, 2012, 287, 42436-42443.	3.4	187
113	Immunosenescence and HIV. Current Opinion in Immunology, 2012, 24, 501-506.	5.5	126
114	Three Novel Acetylation Sites in the Foxp3 Transcription Factor Regulate the Suppressive Activity of Regulatory T Cells. Journal of Immunology, 2012, 188, 2712-2721.	0.8	137
115	Inhibitors of the NAD <sup>+</sup> -Dependent Protein Desuccinylase and Demalonylase Sirt5. ACS Medicinal Chemistry Letters, 2012, 3, 1050-1053.	2.8	58
116	Towards an HIV cure: a global scientific strategy. Nature Reviews Immunology, 2012, 12, 607-614.	22.7	485
117	HDAC5 is required for maintenance of pericentric heterochromatin, and controls cell-cycle progression and survival of human cancer cells. Cell Death and Differentiation, 2012, 19, 1239-1252.	11.2	55
118	Receptorâ€interacting protein (RIP) and Sirtuinâ€3 (SIRT3) are on opposite sides of anoikis and tumorigenesis. Cancer, 2012, 118, 5800-5810.	4.1	35
119	HIV latency: experimental systems and molecular models. FEMS Microbiology Reviews, 2012, 36, 706-716.	8.6	72
120	The First Identification of Lysine Malonylation Substrates and Its Regulatory Enzyme. Molecular and Cellular Proteomics, 2011, 10, M111.012658.	3.8	598
121	SIRT3 Deficiency and Mitochondrial Protein Hyperacetylation Accelerate the Development of the Metabolic Syndrome. Molecular Cell, 2011, 44, 177-190.	9.7	691
122	In vivo, in vitro, and in silico analysis of methylation of the HIV-1 provirus. Methods, 2011, 53, 47-53.	3.8	53
123	Epigenetic regulation of HIV latency. Current Opinion in HIV and AIDS, 2011, 6, 19-24.	3.8	96
124	SIRT3 and cancer: Tumor promoter or suppressor?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2011, 1816, 80-88.	7.4	105
125	Sirtuinâ€3 (SIRT3), a novel potential therapeutic target for oral cancer. Cancer, 2011, 117, 1670-1678.	4.1	184
126	Sirtuin-3 (Sirt3) regulates skeletal muscle metabolism and insulin signaling via altered mitochondrial oxidation and reactive oxygen species production. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14608-14613.	7.1	403

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127	Histone Deacetylase 7 Regulates Cell Survival and TCR Signaling in CD4/CD8 Double-Positive Thymocytes. Journal of Immunology, 2011, 186, 4782-4793.	0.8	74
128	SIRT3 Regulates Mitochondrial Protein Acetylation and Intermediary Metabolism. Cold Spring Harbor Symposia on Quantitative Biology, 2011, 76, 267-277.	1.1	159
129	Repressive LTR Nucleosome Positioning by the BAF Complex Is Required for HIV Latency. PLoS Biology, 2011, 9, e1001206.	5.6	153
130	SIRT1 and SIRT3 Deacetylate Homologous Substrates: AceCS1,2 and HMGCS1,2. Aging, 2011, 3, 635-642.	3.1	85
131	Acetate metabolism and aging: An emerging connection. Mechanisms of Ageing and Development, 2010, 131, 511-516.	4.6	67
132	Sirtuin regulation of mitochondria: energy production, apoptosis, and signaling. Trends in Biochemical Sciences, 2010, 35, 669-675.	7.5	549
133	Mitochondrial sirtuins. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1645-1651.	2.3	199
134	HAT Trick: p300, Small Molecule, Inhibitor. Chemistry and Biology, 2010, 17, 417-418.	6.0	13
135	CpG methylation controls reactivation of HIV from latency. Retrovirology, 2010, 7, .	2.0	1
136	SIRT3 regulates mitochondrial fatty-acid oxidation by reversible enzyme deacetylation. Nature, 2010, 464, 121-125.	27.8	1,388
137	miRNAs regulate SIRT1 expression during mouse embryonic stem cell differentiation and in adult mouse tissues. Aging, 2010, 2, 415-431.	3.1	217
138	Dietary Restriction: Standing Up for Sirtuins. Science, 2010, 329, 1012-1013.	12.6	63
139	Histone Deacetylase 7 and FoxA1 in Estrogen-Mediated Repression of RPRM. Molecular and Cellular Biology, 2010, 30, 399-412.	2.3	67
140	Zmynd15 Encodes a Histone Deacetylase-dependent Transcriptional Repressor Essential for Spermiogenesis and Male Fertility. Journal of Biological Chemistry, 2010, 285, 31418-31426.	3.4	52
141	HIV Persistence and the Prospect of Long-Term Drug-Free Remissions for HIV-Infected Individuals. Science, 2010, 329, 174-180.	12.6	274
142	Regulatory signal transduction pathways for class IIa histone deacetylases. Current Opinion in Pharmacology, 2010, 10, 454-460.	3.5	126
143	The Cellular Lysine Methyltransferase Set7/9-KMT7 Binds HIV-1 TAR RNA, Monomethylates the Viral Transactivator Tat, and Enhances HIV Transcription. Cell Host and Microbe, 2010, 7, 234-244.	11.0	88
144	SIRT3 Deacetylates Mitochondrial 3-Hydroxy-3-Methylglutaryl CoA Synthase 2 and Regulates Ketone Body Production. Cell Metabolism, 2010, 12, 654-661.	16.2	418

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145	Calorie Restriction Reduces Oxidative Stress by SIRT3-Mediated SOD2 Activation. Cell Metabolism, 2010, 12, 662-667.	16.2	1,142
146	A New Splice Variant of the Mouse SIRT3 Gene Encodes the Mitochondrial Precursor Protein. PLoS ONE, 2009, 4, e4986.	2.5	50
147	CpG Methylation Controls Reactivation of HIV from Latency. PLoS Pathogens, 2009, 5, e1000554.	4.7	285
148	Epigenetic Regulation of HIV-1 Latency by Cytosine Methylation. PLoS Pathogens, 2009, 5, e1000495.	4.7	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. Journal of Neuroscience, 2009, 29, 1525-1537.	3.6	75
150	Pyridylalanine ontaining Hydroxamic Acids as Selective HDAC6 Inhibitors. ChemMedChem, 2009, 4, 283-290.	3.2	37
151	HDAC4 represses p21WAF1/Cip1 expression in human cancer cells through a Sp1-dependent, p53-independent mechanism. Oncogene, 2009, 28, 243-256.	5.9	140
152	Stress Response and Aging. Science, 2009, 323, 1021-1022.	12.6	73
153	Chapter 8 Acetylation of Mitochondrial Proteins. Methods in Enzymology, 2009, 457, 137-147.	1.0	48
154	Thiobarbiturates as Sirtuin Inhibitors: Virtual Screening, Freeâ€Energy Calculations, and Biological Testing. ChemMedChem, 2008, 3, 1965-1976.	3.2	59
155	Phenylalanine-containing hydroxamic acids as selective inhibitors of class IIb histone deacetylases (HDACs). Bioorganic and Medicinal Chemistry, 2008, 16, 2011-2033.	3.0	73
156	Conserved Metabolic Regulatory Functions of Sirtuins. Cell Metabolism, 2008, 7, 104-112.	16.2	368
157	Structure–Activity Studies on Splitomicin Derivatives as Sirtuin Inhibitors and Computational Prediction of Binding Mode. Journal of Medicinal Chemistry, 2008, 51, 1203-1213.	6.4	159
158	Destabilization of ERBB2 Transcripts by Targeting 3′ Untranslated Region Messenger RNA Associated HuR and Histone Deacetylase-6. Molecular Cancer Research, 2008, 6, 1250-1258.	3.4	54
159	Tat Acetylation: A Regulatory Switch between Early and Late Phases in HIV Transcription Elongation. Novartis Foundation Symposium, 2008, , 182-196.	1.1	41
160	Control of endothelial cell proliferation and migration by VEGF signaling to histone deacetylase 7. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7738-7743.	7.1	208
161	HDAC7 Regulates Apoptosis in Developing Thymocytes. Novartis Foundation Symposium, 2008, , 115-131.	1.1	16
162	Chair's Introduction. Novartis Foundation Symposium, 2008, , 1-2.	1.1	0

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163	Regulation of human immunodeficiency virus-1 latency and its reactivation. Bulletin Et Mémoires De L'Académie Royale De Médecine De Belgique, 2008, 163, 355-64; discussion 364-5.	0.1	0
164	Conserved P-TEFb-interacting domain of BRD4 inhibits HIV transcription. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13690-13695.	7.1	330
165	Mitotic Regulation of SIRT2 by Cyclin-dependent Kinase 1-dependent Phosphorylation. Journal of Biological Chemistry, 2007, 282, 19546-19555.	3.4	132
166	Knockdown of XAB2 Enhances All-Trans Retinoic Acid–Induced Cellular Differentiation in All-Trans Retinoic Acid–Sensitive and –Resistant Cancer Cells. Cancer Research, 2007, 67, 1019-1029.	0.9	23
167	Regulation of Insulin Secretion by SIRT4, a Mitochondrial ADP-ribosyltransferase. Journal of Biological Chemistry, 2007, 282, 33583-33592.	3.4	359
168	A Novel Corepressor, BCoR-L1, Represses Transcription through an Interaction with CtBP. Journal of Biological Chemistry, 2007, 282, 15248-15257.	3.4	72
169	Histone Deacetylase 7 Functions as a Key Regulator of Genes Involved in both Positive and Negative Selection of Thymocytes. Molecular and Cellular Biology, 2007, 27, 5184-5200.	2.3	58
170	Myosin phosphatase dephosphorylates HDAC7, controls its nucleocytoplasmic shuttling, and inhibits apoptosis in thymocytes. Genes and Development, 2007, 21, 638-643.	5.9	72
171	AROuSing SIRT1: Identification of a Novel Endogenous SIRT1 Activator. Molecular Cell, 2007, 28, 354-356.	9.7	17
172	Mammalian Sir2 Homolog SIRT3 Regulates Global Mitochondrial Lysine Acetylation. Molecular and Cellular Biology, 2007, 27, 8807-8814.	2.3	1,097
173	Breast cancer associated transcriptional repressor PLU-1/JARID1B interacts directly with histone deacetylases. International Journal of Cancer, 2007, 121, 265-275.	5.1	87
174	Design and evaluation of â€~Linkerless' hydroxamic acids as selective HDAC8 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2874-2878.	2.2	190
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