

# Edward Seto

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

9,274  
citations

159585

30  
h-index

265206

42  
g-index

43  
all docs

43  
docs citations

43  
times ranked

12704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetylation and deacetylation of non-histone proteins. <i>Gene</i> , 2005, 363, 15-23.	2.2	1,469
2	Erasers of Histone Acetylation: The Histone Deacetylase Enzymes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a018713-a018713.	5.5	1,346
3	The Rpd3/Hda1 family of lysine deacetylases: from bacteria and yeast to mice and men. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 206-218.	37.0	1,092
4	Lysine Acetylation: Codified Crosstalk with Other Posttranslational Modifications. <i>Molecular Cell</i> , 2008, 31, 449-461.	9.7	877
5	HDACs and HDAC Inhibitors in Cancer Development and Therapy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026831.	6.2	812
6	The histone deacetylase HDAC11 regulates the expression of interleukin 10 and immune tolerance. <i>Nature Immunology</i> , 2009, 10, 92-100.	14.5	390
7	Histone Deacetylases Specifically Down-regulate p53-dependent Gene Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 20436-20443.	3.4	363
8	Regulation of histone deacetylase activities. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 57-67.	2.6	306
9	SIRT1 Regulates the Function of the Nijmegen Breakage Syndrome Protein. <i>Molecular Cell</i> , 2007, 27, 149-162.	9.7	260
10	Functional Domains of Histone Deacetylase-3. <i>Journal of Biological Chemistry</i> , 2002, 277, 9447-9454.	3.4	201
11	Histone deacetylase 3 (HDAC3) activity is regulated by interaction with protein serine/threonine phosphatase 4. <i>Genes and Development</i> , 2005, 19, 827-839.	5.9	193
12	Regulation of Histone Deacetylase 2 by Protein Kinase CK2. <i>Journal of Biological Chemistry</i> , 2002, 277, 31826-31833.	3.4	179
13	SIRT1 Deacetylates the DNA Methyltransferase 1 (DNMT1) Protein and Alters Its Activities. <i>Molecular and Cellular Biology</i> , 2011, 31, 4720-4734.	2.3	178
14	Histone deacetylase interacts directly with DNA topoisomerase II. <i>Nature Genetics</i> , 2000, 26, 349-353.	21.4	159
15	Negative Regulation of Histone Deacetylase 8 Activity by Cyclic AMP-Dependent Protein Kinase A. <i>Molecular and Cellular Biology</i> , 2004, 24, 765-773.	2.3	133
16	HDAC11 regulates type I interferon signaling through defatty-acylation of SHMT2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5487-5492.	7.1	121
17	HDAC6 Deacetylates and Ubiquitinates MSH2 to Maintain Proper Levels of MutS±. <i>Molecular Cell</i> , 2014, 55, 31-46.	9.7	112
18	Lactate production by <i>Staphylococcus aureus</i> biofilm inhibits HDAC11 to reprogramme the host immune response during persistent infection. <i>Nature Microbiology</i> , 2020, 5, 1271-1284.	13.3	102

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19	SIRT1 Negatively Regulates the Activities, Functions, and Protein Levels of hMOF and TIP60. <i>Molecular and Cellular Biology</i> , 2012, 32, 2823-2836.	2.3	81
20	Programming and Regulation of Metabolic Homeostasis by HDAC11. <i>EBioMedicine</i> , 2018, 33, 157-168.	6.1	75
21	c-Abl Stabilizes HDAC2 Levels by Tyrosine Phosphorylation Repressing Neuronal Gene Expression in Alzheimer's Disease. <i>Molecular Cell</i> , 2014, 56, 163-173.	9.7	71
22	MOF Acetylates the Histone Demethylase LSD1 to Suppress Epithelial-to-Mesenchymal Transition. <i>Cell Reports</i> , 2016, 15, 2665-2678.	6.4	68
23	Histone deacetylase 8 regulates cortactin deacetylation and contraction in smooth muscle tissues. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C288-C295.	4.6	65
24	Histone/protein deacetylase 11 targeting promotes Foxp3+ Treg function. <i>Scientific Reports</i> , 2017, 7, 8626.	3.3	64
25	Emerging roles of histone modifications and HDACs in RNA splicing. <i>Nucleic Acids Research</i> , 2019, 47, 4911-4926.	14.5	64
26	Histone Deacetylase 10 Regulates the Cell Cycle G <sub>2</sub> /M Phase Transition via a Novel Let-7a-HMGA2-Cyclin A2 Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 3547-3565.	2.3	62
27	T cells lacking HDAC11 have increased effector functions and mediate enhanced alloreactivity in a murine model. <i>Blood</i> , 2017, 130, 146-155.	1.4	54
28	Ubiquitinated Sirtuin 1 (SIRT1) Function Is Modulated during DNA Damage-induced Cell Death and Survival. <i>Journal of Biological Chemistry</i> , 2015, 290, 8904-8912.	3.4	50
29	Histone Deacetylase 10 Regulates DNA Mismatch Repair and May Involve the Deacetylation of MutS Homolog 2. <i>Journal of Biological Chemistry</i> , 2015, 290, 22795-22804.	3.4	43
30	Class I histone deacetylases localize to the endoplasmic reticulum and modulate the unfolded protein response. <i>FASEB Journal</i> , 2012, 26, 2437-2445.	0.5	41
31	Regulation of histone deacetylase activities and functions by phosphorylation and its physiological relevance. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 427-445.	5.4	34
32	Loss of HDAC11 ameliorates clinical symptoms in a multiple sclerosis mouse model. <i>Life Science Alliance</i> , 2018, 1, e201800039.	2.8	31
33	HDAC10 Regulates Cancer Stem-Like Cell Properties in KRAS-Driven Lung Adenocarcinoma. <i>Cancer Research</i> , 2020, 80, 3265-3278.	0.9	30
34	Suppression of centrosome duplication and amplification by deacetylases. <i>Cell Cycle</i> , 2012, 11, 3779-3791.	2.6	28
35	HDAC8 affects MGMT levels in glioblastoma cell lines via interaction with the proteasome receptor ADRM1. <i>Genes and Cancer</i> , 2019, 10, 119-133.	1.9	26
36	Histone Deacetylase SIRT1 Targets Plk2 to Regulate Centriole Duplication. <i>Cell Reports</i> , 2018, 25, 2851-2865.e3.	6.4	25

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37	Chromatin regulation by Histone H4 acetylation at Lysine 16 during cell death and differentiation in the myeloid compartment. <i>Nucleic Acids Research</i> , 2019, 47, 5016-5037.	14.5	23
38	Epigenetic regulation of soluble guanylate cyclase (sGC) $\beta_1$ in breast cancer cells. <i>FASEB Journal</i> , 2016, 30, 3171-3180.	0.5	11
39	Regulation of poly(a)-specific ribonuclease activity by reversible lysine acetylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 10255-10270.	3.4	10
40	Reversible lysine fatty acylation of an anchoring protein mediates adipocyte adrenergic signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
41	Sirtuin 6 Attenuates Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Suppressing Ori-Lyt Activity and Expression of RTA. <i>Journal of Virology</i> , 2019, 93, .	3.4	9
42	EGFR phosphorylates HDAC1 to regulate its expression and anti-apoptotic function. <i>Cell Death and Disease</i> , 2021, 12, 469.	6.3	6
43	Post-translational Modification of Poly (A)-specific Ribonuclease Regulates its Enzymatic Activity. <i>FASEB Journal</i> , 2019, 33, 460.2.	0.5	0