Shaun M Cowley

List of Publications by Year
in descending order

35 papers	5,745 citations	218592 26 h-index	360920 35 g-index
36 all docs	36 docs citations	36 times ranked	8408 citing authors

#	Article	IF	Citations
1	Proximity-dependent biotin identification (BioID) reveals a dynamic LSD1â€“CoREST interactome during embryonic stem cell differentiation. Molecular Omics, 2022, 18, 31-44.	1.4	11
2	Optimization of Class I Histone Deacetylase PROTACs Reveals that HDAC1/2 Degradation is Critical to Induce Apoptosis and Cell Arrest in Cancer Cells. Journal of Medicinal Chemistry, 2022, 65, 5642-5659.	2.9	32
3	Bifunctional HDAC Therapeutics: One Drug to Rule Them All?. Molecules, 2020, 25, 4394.	1.7	29
4	PROTAC-mediated degradation of class I histone deacetylase enzymes in corepressor complexes. Chemical Communications, 2020, 56, 4476-4479.	2.2	75
5	The MiDAC histone deacetylase complex is essential for embryonic development and has a unique multivalent structure. Nature Communications, 2020, 11, 3252.	5.8	51
6	Acetylation & Co: an expanding repertoire of histone acylations regulates chromatin and transcription. Essays in Biochemistry, 2019, 63, 97-107.	2.1	160
7	HDAC1 and HDAC2 Modulate TGF-Î² Signaling during Endothelial-to-Hematopoietic Transition. Stem Cell Reports, 2018, 10, 1369-1383.	2.3	28
8	Co-repressor, co-activator and general transcription factor: the many faces of the Sin3 histone deacetylase (HDAC) complex. Biochemical Journal, 2018, 475, 3921-3932.	1.7	94
9	Histone deacetylase (HDAC) 1 and 2 complexes regulate both histone acetylation and crotonylation in vivo. Scientific Reports, 2018, 8, 14690.	1.6	84
10	Sin3A recruits Tet1 to the PAH1 domain via a highly conserved Sin3-Interaction Domain. Scientific Reports, 2018, 8, 14689.	1.6	27
11	Insights into the activation mechanism of class I HDAC complexes by inositol phosphates. Nature Communications, 2016, 7, 11262.	5.8	172
12	OCT4 Acts as an Integrator of Pluripotency and Signal-Induced Differentiation. Molecular Cell, 2016, 63, 647-661.	4.5	66
13	GFI1 proteins orchestrate the emergence of haematopoietic stem cells through recruitment of LSD1. Nature Cell Biology, 2016, 18, 21-32.	4.6	172
14	Subcloning Plus Insertion (SPI) - A Novel Recombineering Method for the Rapid Construction of Gene Targeting Vectors. Journal of Visualized Experiments, 2015, , e52155.	0.2	2
15	Lambda Red Mediated Gap Repair Utilizes a Novel Replicative Intermediate in Escherichia coli. PLoS ONE, 2015, 10, e0120681.	1.1	3
16	Differential Requirements of Singleplex and Multiplex Recombineering of Large DNA Constructs. PLoS ONE, 2015, 10, e0125533.	1.1	0
17	Histone deacetylase (HDAC) 1 and 2 are essential for accurate cell division and the pluripotency of embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9840-9845.	3.3	130
18	Recombinant Protein Expression for Structural Biology in HEK 293F Suspension Cells: A Novel and Accessible Approach. Journal of Visualized Experiments, 2014, , e51897.	0.2	45

#	Article	IF	Citations
19	The physiological roles of histone deacetylase (HDAC) 1 and 2: complex co-stars with multiple leading parts. Biochemical Society Transactions, 2013, 41, 741-749.	1.6	261
20	Class I HDACs Share a Common Mechanism of Regulation by Inositol Phosphates. Molecular Cell, 2013, 51, 57-67.	4.5	314
21	Histone deacetylase 1 and 2 are essential for normal T-cell development and genomic stability in mice. Blood, 2013, 121, 1335-1344.	0.6	125
22	Enhancer decommissioning by LSD1 during embryonic stem cell differentiation. Nature, 2012, 482, 221-225.	13.7	527
23	Lysine-Specific Demethylase 1 Regulates the Embryonic Transcriptome and CoREST Stability. Molecular and Cellular Biology, 2010, 30, 4851-4863.	1.1	179
24	Histone deacetylase 1 (HDAC1), but not HDAC2, controls embryonic stem cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8242-8247.	3.3	257
25	Emphasizing the positive: A role for histone deacetylases in transcriptional activation. Cell Cycle, 2010, 9, 2700-2701.	1.3	30
26	The mSin3A Chromatin-Modifying Complex Is Essential for Embryogenesis and T-Cell Development. Molecular and Cellular Biology, 2005, 25, 6990-7004.	1.1	118
27	Functional Analysis of the Mad1-mSin3A Repressor-Corepressor Interaction Reveals Determinants of Specificity, Affinity, and Transcriptional Response. Molecular and Cellular Biology, 2004, 24, 2698-2709.	1.1	31
28	HBP1 and Mad1 repressors bind the Sin3 corepressor PAH2 domain with opposite helical orientations. Nature Structural and Molecular Biology, 2004, 11, 738-746.	3.6	68
29	Genomic binding by the Drosophila Myc, Max, Mad/Mnt transcription factor network. Genes and Development, 2003, 17, 1101-1114.	2.7	352
30	Histone deacetylase 6 binds polyubiquitin through its zinc finger (PAZ domain) and copurifies with deubiquitinating enzymes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13425-13430.	3.3	196
31	Solution Structure of the Interacting Domains of the Madâ€“Sin3 Complex. Cell, 2000, 103, 655-665.	13.5	95
32	The Myc/Max/Mad Network and the Transcriptional Control of Cell Behavior. Annual Review of Cell and Developmental Biology, 2000, 16, 653-699.	4.0	1,182
33	A comparison of transcriptional activation by ERÎ± and ERÎ². Journal of Steroid Biochemistry and Molecular Biology, 1999, 69, 165-175.	1.2	224
34	Estrogen Receptors Î± and Î² Form Heterodimers on DNA. Journal of Biological Chemistry, 1997, 272, 19858-19862.	1.6	597
35	Function of estrogen receptors in breast cancer. Breast Cancer, 1997, 4, 204-208.	1.3	5