Andrew J Andrews

List of Publications by Year
in descending order

33 papers	2,235 citations	448610 19 h-index	466096 32 g-index
37 all docs	37 docs citations	37 times ranked	4035 citing authors

#	Article	IF	Citations
1	Selective CDK9 Inhibition by Natural Compound Toyocamycin in Cancer Cells. Cancers, 2022, 14, 3340.	1.7	9
2	Surprising phenotypic diversity of cancer-associated mutations of Gly 34 in the histone H3 tail. ELife, 2021, 10, .	2.8	22
3	Discordant Effects of Putative Lysine Acetyltransferase Inhibitors in Biochemical and Living Systems. Cells, 2019, 8, 1022.	1.8	4
4	Two factor authentication: Asf1 mediates crosstalk between H3 K14 and K56 acetylation. Nucleic Acids Research, 2019, 47, 7380-7391.	6.5	21
5	IL-35 (Interleukin-35) Suppresses Endothelial Cell Activation by Inhibiting Mitochondrial Reactive Oxygen Species-Mediated Site-Specific Acetylation of H3K14 (Histone 3 Lysine 14). Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 599-609.	1.1	93
6	S-adenosylhomocysteine hydrolase over-expression does not alter S-adenosylmethionine or S-adenosylhomocysteine levels in CBS deficient mice. Molecular Genetics and Metabolism Reports, 2018, 15, 15-21.	0.4	13
7	Impact of a High-fat Diet on Tissue Acyl-CoA and Histone Acetylation Levels. Journal of Biological Chemistry, 2017, 292, 3312-3322.	1.6	128
8	Overlapping and Divergent Actions of Structurally Distinct Histone Deacetylase Inhibitors in Cardiac Fibroblasts. Journal of Pharmacology and Experimental Therapeutics, 2017, 361, 140-150.	1.3	24
9	HDAC8 substrate selectivity is determined by long- and short-range interactions leading to enhanced reactivity for full-length histone substrates compared with peptides. Journal of Biological Chemistry, 2017, 292, 21568-21577.	1.6	30
10	Lack of global epigenetic methylation defects in CBS deficient mice. Journal of Inherited Metabolic Disease, 2017, 40, 113-120.	1.7	15
11	Histone H3G34R mutation causes replication stress, homologous recombination defects and genomic instability in S. pombe. ELife, 2017, 6, .	2.8	36
12	Global Profiling of Acetyltransferase Feedback Regulation. Journal of the American Chemical Society, 2016, 138, 6388-6391.	6.6	47
13	Mitochondrial Reactive Oxygen Species Mediate Lysophosphatidylcholine-Induced Endothelial Cell Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1090-1100.	1.1	187
14	Interaction with the DNA Repair Protein Thymine DNA Glycosylase Regulates Histone Acetylation by p300. Biochemistry, 2016, 55, 6766-6775.	1.2	17
15	ATP-Citrate Lyase Controls a Glucose-to-Acetate Metabolic Switch. Cell Reports, 2016, 17, 1037-1052.	2.9	282
16	Quantitative Measurement of Histone Tail Acetylation Reveals Stage-Specific Regulation and Response to Environmental Changes during Drosophila Development. Biochemistry, 2016, 55, 1663-1672.	1.2	9
17	Targeting Calcium Signaling Induces Epigenetic Reactivation of Tumor Suppressor Genes in Cancer. Cancer Research, 2016, 76, 1494-1505.	0.4	88
18	Measuring specificity in multi-substrate/product systems as a tool to investigate selectivity in vivo. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 70-76.	1.1	14

#	Article	IF	Citations
19	Modulation of p300/CBP Acetylation of Nucleosomes by Bromodomain Ligand I-CBP112. Biochemistry, 2016, 55, 3727-3734.	1.2	41
20	Site specificity analysis of Piccolo NuA4-mediated acetylation for different histone complexes. Biochemical Journal, 2015, 472, 239-248.	1.7	8
21	Changing the Selectivity of p300 by Acetyl-CoA Modulation of Histone Acetylation. ACS Chemical Biology, 2015, 10, 146-156.	1.6	67
22	Utilizing Targeted Mass Spectrometry to Demonstrate Asf1-Dependent Increases in Residue Specificity for Rtt109-Vps75 Mediated Histone Acetylation. PLoS ONE, 2015, 10, e0118516.	1.1	17
23	Histone acetyltransferase-deficient p300 mutants in diffuse large B cell lymphoma have altered transcriptional regulatory activities and are required for optimal cell growth. Molecular Cancer, 2014, 13, 29.	7.9	38
24	A quantitative multiplexed mass spectrometry assay for studying the kinetic of residue-specific histone acetylation. Methods, 2014, 70, 127-133.	1.9	20
25	Differences in Specificity and Selectivity Between CBP and p300 Acetylation of Histone H3 and H3/H4. Biochemistry, 2013, 52, 5746-5759.	1.2	132
26	Quantitating the Specificity and Selectivity of Gcn5-Mediated Acetylation of Histone H3. PLoS ONE, 2013, 8, e54896.	1.1	92
27	Nucleosome Structure(s) and Stability: Variations on a Theme. Annual Review of Biophysics, 2011, 40, 99-117.	4.5	235
28	A Coupled Equilibrium Approach to Study Nucleosome Thermodynamics. Methods in Enzymology, 2011, 488, 265-285.	0.4	18
29	Nucleosome accessibility governed by the dimer/tetramer interface. Nucleic Acids Research, 2011, 39, 3093-3102.	6.5	175
30	The Histone Chaperone Nap1 Promotes Nucleosome Assembly by Eliminating Nonnucleosomal Histone DNA Interactions. Molecular Cell, 2010, 37, 834-842.	4.5	208
31	Nucleosome thermodynamics, histone modifications, and histone chaperone function. FASEB Journal, 2010, 24, 310.2.	0.2	0
32	Histone chaperone specificity in Rtt109 activation. Nature Structural and Molecular Biology, 2008, 15, 957-964.	3.6	62
33	A Thermodynamic Model for Nap1-Histone Interactions. Journal of Biological Chemistry, 2008, 283, 32412-32418.	1.6	83