Steven McMahon

List of Publications by Year
in descending order

69 papers	8,762 citations	76326 40 h-index	88630 70 g-index
72 all docs	72 docs citations	72 times ranked	11399 citing authors

#	Article	IF	Citations
1	A Î²-Catenin-TCF-Sensitive Locus Control Region Mediates GUCY2C Ligand Loss in Colorectal Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1276-1296.	4.5	6
2	Distinct mechanisms control genome recognition by p53 at its target genes linked to different cell fates. Nature Communications, 2021, 12, 484.	12.8	22
3	Unlocking p53 response elements: DNA shape is the key. Molecular and Cellular Oncology, 2021, 8, 1905489.	0.7	3
4	The SAGA complex regulates early steps in transcription via its deubiquitylase module subunit USP22. EMBO Journal, 2021, 40, e102509.	7.8	9
5	The lung-enriched p53 mutants V157F and R158L/P regulate a gain of function transcriptome in lung cancer. Carcinogenesis, 2020, 41, 67-77.	2.8	12
6	USP22 Functions as an Oncogenic Driver in Prostate Cancer by Regulating Cell Proliferation and DNA Repair. Cancer Research, 2020, 80, 430-443.	0.9	46
7	Rapid Detection of p53 Acetylation Status in Response to Cellular Stress Signaling. Methods in Molecular Biology, 2019, 1983, 255-262.	0.9	0
8	Interaction between the BAG1S isoform and HSP70 mediates the stability of anti-apoptotic proteins and the survival of osteosarcoma cells expressing oncogenic MYC. BMC Cancer, 2019, 19, 258.	2.6	7
9	Lung-Enriched Mutations in the p53 Tumor Suppressor: A Paradigm for Tissue-Specific Gain of Oncogenic Function. Molecular Cancer Research, 2019, 17, 3-9.	3.4	17
10	A PERKâ€“miR-211 axis suppresses circadian regulators and protein synthesis to promote cancer cell survival. Nature Cell Biology, 2018, 20, 104-115.	10.3	86
11	Control of CCND1 ubiquitylation by the catalytic SAGA subunit USP22 is essential for cell cycle progression through G1 in cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9298-E9307.	7.1	91
12	Delayed Accumulation of H3K27me3 on Nascent DNA Is Essential for Recruitment of Transcription Factors at Early Stages of Stem Cell Differentiation. Molecular Cell, 2017, 66, 247-257.e5.	9.7	69
13	Repression of telomerase gene promoter requires humanâ€specific genomic context and is mediated by multiple HDAC1â€containing corepressor complexes. FASEB Journal, 2017, 31, 1165-1178.	0.5	15
14	A rare DNA contact mutation in cancer confers p53 gainâ€ofâ€function and tumor cell survival via TNFAIP8 induction. Molecular Oncology, 2016, 10, 1207-1220.	4.6	27
15	Subtelomeric p53 binding prevents accumulation of <scp>DNA</scp> damage at human telomeres. EMBO Journal, 2016, 35, 193-207.	7.8	52
16	Multi-focal control of mitochondrial gene expression by oncogenic MYC provides potential therapeutic targets in cancer. Oncotarget, 2016, 7, 72395-72414.	1.8	30
17	MYC and the Control of Apoptosis. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a014407-a014407.	6.2	186
18	USP22 Regulates Oncogenic Signaling Pathways to Drive Lethal Cancer Progression. Cancer Research, 2014, 74, 272-286.	0.9	98

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19	p53: The TRiC Is Knowing When to Fold â€˜Em. Molecular Cell, 2013, 50, 781-782.	9.7	4
20	The Epigenetic Modifier Ubiquitin-specific Protease 22 (USP22) Regulates Embryonic Stem Cell Differentiation via Transcriptional Repression of Sex-determining Region Y-box 2 (SOX2). Journal of Biological Chemistry, 2013, 288, 24234-24246.	3.4	74
21	Dachshund Binds p53 to Block the Growth of Lung Adenocarcinoma Cells. Cancer Research, 2013, 73, 3262-3274.	0.9	55
22	A High-Confidence Interaction Map Identifies SIRT1 as a Mediator of Acetylation of USP22 and the SAGA Coactivator Complex. Molecular and Cellular Biology, 2013, 33, 1487-1502.	2.3	58
23	Acetylation of the Cell-Fate Factor Dachshund Determines p53 Binding and Signaling Modules in Breast Cancer. Oncotarget, 2013, 4, 923-935.	1.8	27
24	MYST protein acetyltransferase activity requires active site lysine autoacetylation. EMBO Journal, 2012, 31, 58-70.	7.8	101
25	Dynamic regulation of mitochondrial transcription as a mechanism of cellular adaptation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2012, 1819, 1075-1079.	1.9	12
26	Phosphorylation of Tip60 by GSK-3 Determines the Induction of PUMA and Apoptosis by p53. Molecular Cell, 2011, 42, 584-596.	9.7	104
27	Enzymatic assays for assessing histone deubiquitylation activity. Methods, 2011, 54, 339-347.	3.8	1
28	Regulation of microRNA-145 by growth arrest and differentiation. Experimental Cell Research, 2011, 317, 488-495.	2.6	18
29	Inhibition of the Single Downstream Target BAG1 Activates the Latent Apoptotic Potential of MYC. Molecular and Cellular Biology, 2011, 31, 5037-5045.	2.3	18
30	Deacetylation of the DNA-binding Domain Regulates p53-mediated Apoptosis. Journal of Biological Chemistry, 2011, 286, 4264-4270.	3.4	32
31	Nuclear Cyclin D1/CDK4 Kinase Regulates CUL4 Expression and Triggers Neoplastic Growth via Activation of the PRMT5 Methyltransferase. Cancer Cell, 2010, 18, 329-340.	16.8	205
32	Rise of the Rival. Science, 2010, 327, 964-965.	12.6	69
33	Emerging Concepts in the Analysis of Transcriptional Targets of the MYC Oncoprotein: Are the Targets Targetable?. Genes and Cancer, 2010, 1, 560-567.	1.9	23
34	Acetylation of the DNA Binding Domain Regulates Transcription-independent Apoptosis by p53. Journal of Biological Chemistry, 2009, 284, 20197-20205.	3.4	70
35	Biochemical pathways that regulate acetyltransferase and deacetylase activity in mammalian cells. Trends in Biochemical Sciences, 2009, 34, 571-578.	7.5	46
36	hMOF, a KAT(8) with Many Lives. Molecular Cell, 2009, 36, 174-175.	9.7	22

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37	The p53 family and programmed cell death. Oncogene, 2008, 27, 6507-6521.	5.9	262
38	The Putative Cancer Stem Cell Marker USP22 Is a Subunit of the Human SAGA Complex Required for Activated Transcription and Cell-Cycle Progression. Molecular Cell, 2008, 29, 102-111.	9.7	370
39	Myc regulates a transcriptional program that stimulates mitochondrial glutaminolysis and leads to glutamine addiction. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18782-18787.	7.1	1,655
40	USP22, an hSAGA subunit and potential cancer stem cell marker, reverses the polycomb-catalyzed ubiquitylation of histone H2A. Cell Cycle, 2008, 7, 1522-1524.	2.6	131
41	Control of nucleotide biosynthesis by the MYC oncoprotein. Cell Cycle, 2008, 7, 2275-6.	2.6	8
42	BCL2 Is a Downstream Effector of MIZ-1 Essential for Blocking c-MYC-induced Apoptosis. Journal of Biological Chemistry, 2007, 282, 5-13.	3.4	49
43	The ARF/Oncogene Pathway Activates p53 Acetylation within the DNA Binding Domain. Cell Cycle, 2007, 6, 1304-1306.	2.6	22
44	Acetylation of the p53 DNA-Binding Domain Regulates Apoptosis Induction. Molecular Cell, 2006, 24, 841-851.	9.7	647
45	Myc influences global chromatin structure. EMBO Journal, 2006, 25, 2723-2734.	7.8	343
46	Identification of Novel Targets of MYC Whose Transcription Requires the Essential MbII Domain. Cell Cycle, 2006, 5, 238-241.	2.6	10
47	Regulation of Epstein-Barr Virus Latency Type by the Chromatin Boundary Factor CTCF. Journal of Virology, 2006, 80, 5723-5732.	3.4	85
48	Targeting of Miz-1 Is Essential for Myc-mediated Apoptosis. Journal of Biological Chemistry, 2006, 281, 3283-3289.	3.4	36
49	Metastasis-associated protein 1 (MTA1) is an essential downstream effector of the c-MYC oncoprotein. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13968-13973.	7.1	111
50	The c-MYC Oncoprotein Is a Substrate of the Acetyltransferases hGCN5/PCAF and TIP60. Molecular and Cellular Biology, 2004, 24, 10826-10834.	2.3	299
51	Analysis of genomic targets reveals complex functions of MYC. Nature Reviews Cancer, 2004, 4, 562-568.	28.4	261
52	Human ING1 Proteins Differentially Regulate Histone Acetylation. Journal of Biological Chemistry, 2002, 277, 29832-29839.	3.4	91
53	TRRAP-Dependent and TRRAP-Independent Transcriptional Activation by Myc Family Oncoproteins. Molecular and Cellular Biology, 2002, 22, 5054-5063.	2.3	121
54	Transcriptional Regulation of the mdm2 Oncogene by p53 Requires TRRAP Acetyltransferase Complexes. Molecular and Cellular Biology, 2002, 22, 5650-5661.	2.3	106

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55	E2F Transcriptional Activation Requires TRRAP and GCN5 Cofactors. Journal of Biological Chemistry, 2001, 276, 32627-32634.	3.4	119
56	The ATM-related domain of TRRAP is required for histone acetyltransferase recruitment and Myc-dependent oncogenesis. Genes and Development, 2001, 15, 1619-1624.	5.9	119
57	An ATPase/Helicase Complex Is an Essential Cofactor for Oncogenic Transformation by c-Myc. Molecular Cell, 2000, 5, 321-330.	9.7	272
58	The Essential Cofactor TRRAP Recruits the Histone Acetyltransferase hGCN5 to c-Myc. Molecular and Cellular Biology, 2000, 20, 556-562.	2.3	424
59	The Myc oncoprotein: a critical evaluation of transactivation and target gene regulation. Oncogene, 1999, 18, 2916-2924.	5.9	288
60	The Novel ATM-Related Protein TRRAP Is an Essential Cofactor for the c-Myc and E2F Oncoproteins. Cell, 1998, 94, 363-374.	28.9	611
61	Tra1p Is a Component of the Yeast AdaÂ·Spt Transcriptional Regulatory Complexes. Journal of Biological Chemistry, 1998, 273, 26559-26565.	3.4	124
62	The role of early growth response gene 1 (<i>egr</i>-1) in regulation of the immune response. Journal of Leukocyte Biology, 1996, 60, 159-166.	3.3	137
63	Transient transfection of murine B lymphocyte blasts as a method for examining gene regulation in primary B cells. Journal of Immunological Methods, 1995, 179, 251-259.	1.4	15
64	Role of primary response genes in generating cellular responses to growth factors. FASEB Journal, 1992, 6, 2707-2715.	0.5	123
65	Restricted clonality of visceral sarcomas in avian sarcoma virus-infected chickens. Virology, 1989, 169, 110-114.	2.4	1
66	Expression of endogenous retroviral envelope glycoprotein as a determinant of immunity to rous sarcoma. Virology, 1986, 155, 737-741.	2.4	7
67	Viral antigen expression in the pancreas of DHBV-infected embryos and young ducks. Virology, 1986, 150, 276-282.	2.4	26
68	Ablation of humoral immunity in 15I5 Ã— 72 chickens is not predisposing to the formation of subgroup G virus-induced distal sarcomas. Virology, 1985, 146, 153-156.	2.4	1
69	Duck hepatitis B virus is tropic exocrine cells of the pancreas. Virology, 1985, 146, 157-161.	2.4	21