Yong Xu

List of Publications by Year in descending order

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80 papers	3,222 citations	87843 38 h-index	182361 51 g-index
80 all docs	80 docs citations	80 times ranked	2257 citing authors

#	Article	IF	Citations
1	Myocardinâ€related transcription factor A drives ROSâ€fueled expansion of hepatic stellate cells by regulating p38â€MAPK signalling. Clinical and Translational Medicine, 2022, 12, e688.	1.7	14
2	The Chromatin Remodeling Protein BRG1 Regulates SREBP Maturation by Activating SCAP Transcription in Hepatocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 622866.	1.8	25
3	BRG1 Links TLR4 Trans-Activation to LPS-Induced SREBP1a Expression and Liver Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 617073.	1.8	16
4	Myeloid MKL1 Disseminates Cues to Promote Cardiac Hypertrophy in Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 583492.	1.8	11
5	The Jumonji Domain-Containing Histone Demethylase Homolog 1D/lysine Demethylase 7A (JHDM1D/KDM7A) Is an Epigenetic Activator of RHOJ Transcription in Breast Cancer Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 664375.	1.8	11
6	Activation of TC10-Like Transcription by Lysine Demethylase KDM4B in Colorectal Cancer Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 617549.	1.8	14
7	DDIT4 Sâ€Nitrosylation Aids p38â€MAPK Signaling Complex Assembly to Promote Hepatic Reactive Oxygen Species Production. Advanced Science, 2021, 8, e2101957.	5.6	19
8	Dual Regulation of Tank Binding Kinase 1 by BRG1 in Hepatocytes Contributes to Reactive Oxygen Species Production. Frontiers in Cell and Developmental Biology, 2021, 9, 745985.	1.8	13
9	Redox-sensitive activation of CCL7 by BRG1 in hepatocytes during liver injury. Redox Biology, 2021, 46, 102079.	3.9	23
10	MKL1 mediates TGFâ€Î²â€induced CTGF transcription to promote renal fibrosis. Journal of Cellular Physiology, 2020, 235, 4790-4803.	2.0	34
11	BRG1 deficiency in endothelial cells alleviates thioacetamide induced liver fibrosis in mice. Biochemical and Biophysical Research Communications, 2020, 521, 212-219.	1.0	21
12	Epigenetic activation of the small GTPase TCL contributes to colorectal cancer cell migration and invasion. Oncogenesis, 2020, 9, 86.	2.1	15
13	Dual roles of chromatin remodeling protein BRG1 in angiotensin II-induced endothelialâ€“mesenchymal transition. Cell Death and Disease, 2020, 11, 549.	2.7	30
14	BRG1 Activates PR65A Transcription to Regulate NO Bioavailability in Vascular Endothelial Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 774.	1.8	22
15	An MRTF-Aâ€“Sp1â€“PDE5 Axis Mediates Angiotensin-II-Induced Cardiomyocyte Hypertrophy. Frontiers in Cell and Developmental Biology, 2020, 8, 839.	1.8	24
16	MKL1 Mediates TGF-Î² Induced RhoJ Transcription to Promote Breast Cancer Cell Migration and Invasion. Frontiers in Cell and Developmental Biology, 2020, 8, 832.	1.8	24
17	Epigenetic Regulation of a Disintegrin and Metalloproteinase (ADAM) Transcription in Colorectal Cancer Cells: Involvement of Î²-Catenin, BRG1, and KDM4. Frontiers in Cell and Developmental Biology, 2020, 8, 581692.	1.8	35
18	Transcriptional Activation of Matricellular Protein Spondin2 (SPON2) by BRG1 in Vascular Endothelial Cells Promotes Macrophage Chemotaxis. Frontiers in Cell and Developmental Biology, 2020, 8, 794.	1.8	23

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19	An Interplay Between MRTF-A and the Histone Acetyltransferase TIP60 Mediates Hypoxia-Reoxygenation Induced iNOS Transcription in Macrophages. Frontiers in Cell and Developmental Biology, 2020, 8, 484.	1.8	23
20	BRG1 Stimulates Endothelial Derived Alarmin MRP8 to Promote Macrophage Infiltration in an Animal Model of Cardiac Hypertrophy. Frontiers in Cell and Developmental Biology, 2020, 8, 569.	1.8	26
21	Deacetylation of MRTF-A by SIRT1 defies senescence induced down-regulation of collagen type I in fibroblast cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165723.	1.8	23
22	CDKN2a/p16 Antagonizes Hepatic Stellate Cell Activation and Liver Fibrosis by Modulating ROS Levels. Frontiers in Cell and Developmental Biology, 2020, 8, 176.	1.8	47
23	Histone Deacetylase 11 Contributes to Renal Fibrosis by Repressing KLF15 Transcription. Frontiers in Cell and Developmental Biology, 2020, 8, 235.	1.8	36
24	Epiregulin (EREG) and Myocardin Related Transcription Factor A (MRTF-A) Form a Feedforward Loop to Drive Hepatic Stellate Cell Activation. Frontiers in Cell and Developmental Biology, 2020, 8, 591246.	1.8	19
25	BRG1 Mediates Nephronectin Activation in Hepatocytes to Promote T Lymphocyte Infiltration in ConA-Induced Hepatitis. Frontiers in Cell and Developmental Biology, 2020, 8, 587502.	1.8	19
26	Brahma related gene 1 (Brg1) contributes to liver regeneration by epigenetically activating the Wnt/Î²â€catenin pathway in mice. FASEB Journal, 2019, 33, 327-338.	0.2	56
27	Peli1 induction impairs cardiac microvascular endothelium through Hsp90 dissociation from IRE1Î±. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2606-2617.	1.8	35
28	Forkhead transcription factorFOXO3a mediates interferonâ€Î³â€inducedMHC IItranscription in macrophages. Immunology, 2019, 158, 304-313.	2.0	25
29	Class II transactivator (CIITA) mediates IFN-Î³ induced eNOS repression by enlisting SUV39H1. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 163-172.	0.9	50
30	An interaction between BRG1 and histone modifying enzymes mediates lipopolysaccharideâ€induced proinflammatory cytokines in vascular endothelial cells. Journal of Cellular Biochemistry, 2019, 120, 13216-13225.	1.2	25
31	A non-autonomous role of MKL1 in the activation of hepatic stellate cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 609-618.	0.9	38
32	Activation of Galectin-3 (LGALS3) Transcription by Injurious Stimuli in the Liver Is Commonly Mediated by BRG1. Frontiers in Cell and Developmental Biology, 2019, 7, 310.	1.8	40
33	MKL1 promotes endothelial-to-mesenchymal transition and liver fibrosis by activating TWIST1 transcription. Cell Death and Disease, 2019, 10, 899.	2.7	50
34	Angiotensin II induced CSF1 transcription is mediated by a crosstalk between different epigenetic factors in vascular endothelial cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 1-11.	0.9	58
35	Tanshindiol C inhibits oxidized low-density lipoprotein induced macrophage foam cell formation via a peroxiredoxin 1 dependent pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 882-890.	1.8	48
36	SIRT1 deacetylates KLF4 to activate Claudinâ€5 transcription in ovarian cancer cells. Journal of Cellular Biochemistry, 2018, 119, 2418-2426.	1.2	25

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37	RhoJ promotes hypoxia induced endothelialâ€toâ€mesenchymal transition by activating WDR5 expression. Journal of Cellular Biochemistry, 2018, 119, 3384-3393.	1.2	19
38	Brg1 trans-activates endothelium-derived colony stimulating factor to promote calcium chloride induced abdominal aortic aneurysm in mice. Journal of Molecular and Cellular Cardiology, 2018, 125, 6-17.	0.9	51
39	Hypermethylated in cancer 1 (HIC1) mediates high glucose induced ROS accumulation in renal tubular epithelial cells by epigenetically repressing SIRT1 transcription. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 917-927.	0.9	49
40	The histone methyltransferase SETD1A regulates thrombomodulin transcription in vascular endothelial cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 752-761.	0.9	48
41	Hepatocyte-specific deletion of Brg1 alleviates methionine-and-choline-deficient diet (MCD) induced non-alcoholic steatohepatitis in mice. Biochemical and Biophysical Research Communications, 2018, 503, 344-351.	1.0	15
42	Brg1 deficiency in vascular endothelial cells blocks neutrophil recruitment and ameliorates cardiac ischemia-reperfusion injury in mice. International Journal of Cardiology, 2018, 269, 250-258.	0.8	48
43	Epigenetic activation of PERP transcription by MKL1 contributes to ROS-induced apoptosis in skeletal muscle cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 905-915.	0.9	49
44	Megakaryocytic Leukemia 1 Bridges Epigenetic Activation of NADPH Oxidase in Macrophages to Cardiac Ischemia-Reperfusion Injury. Circulation, 2018, 138, 2820-2836.	1.6	75
45	BRG1 regulates NOX gene transcription in endothelial cells and contributes to cardiac ischemia-reperfusion injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3477-3486.	1.8	64
46	The chromatin remodeling protein BRG1 regulates APAP-induced liver injury by modulating CYP3A11 transcription in hepatocyte. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3487-3495.	1.8	45
47	Brg1 regulates pro-lipogenic transcription by modulating SREBP activity in hepatocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2881-2889.	1.8	60
48	Myocardin-related transcription factor A (MRTF-A) contributes to acute kidney injury by regulating macrophage ROS production. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3109-3121.	1.8	57
49	<scp>MKL</scp>1 is an epigenetic mediator of <scp>TNF</scp>â€Îâ€induced proinflammatory transcription in macrophages by interacting with <scp>ASH</scp>2. FEBS Letters, 2017, 591, 934-945.	1.3	20
50	The histone methyltransferase Suv39h2 contributes to nonalcoholic steatohepatitis in mice. Hepatology, 2017, 65, 1904-1919.	3.6	47
51	Protein arginine methyltransferase 1 (PRMT1) represses MHC II transcription in macrophages by methylating CIITA. Scientific Reports, 2017, 7, 40531.	1.6	21
52	Acetylation of MKL1 by PCAF regulates pro-inflammatory transcription. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 839-847.	0.9	41
53	MKL1 links epigenetic activation of MMP2 to ovarian cancer cell migration and invasion. Biochemical and Biophysical Research Communications, 2017, 487, 500-508.	1.0	29
54	The histone H3K9 methyltransferase SUV39H links SIRT1 repression to myocardial infarction. Nature Communications, 2017, 8, 14941.	5.8	67

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55	HIF-1Î± coordinates epigenetic activation of SIAH1 in hepatocytes in response to nutritional stress. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1037-1046.	0.9	31
56	Hepatic stellate cell-specific deletion of SIRT1 exacerbates liver fibrosis in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 3202-3211.	1.8	47
57	MKL1 defines the H3K4Me3 landscape for NF-ÎºB dependent inflammatory response. Scientific Reports, 2017, 7, 191.	1.6	53
58	Protein inhibitor of activated STAT 4 (PIAS4) regulates pro-inflammatory transcription in hepatocytes by repressing SIRT1. Oncotarget, 2016, 7, 42892-42903.	0.8	6
59	Transcriptional repression of SIRT1 by protein inhibitor of activated STAT 4 (PIAS4) in hepatic stellate cells contributes to liver fibrosis. Scientific Reports, 2016, 6, 28432.	1.6	27
60	HIC1 epigenetically represses CIITA transcription in B lymphocytes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1481-1489.	0.9	10
61	The arginine methyltransferase PRMT5 regulates CIITA-dependent MHC II transcription. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 687-696.	0.9	17
62	Endothelial MRTF-A mediates angiotensin II induced cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2015, 80, 23-33.	0.9	70
63	Megakaryocytic Leukemia 1 Directs a Histone H3 Lysine 4 Methyltransferase Complex to Regulate Hypoxic Pulmonary Hypertension. Hypertension, 2015, 65, 821-833.	1.3	45
64	Histone Methyltransferase SET1 Mediates Angiotensin Iiâ€“Induced Endothelin-1 Transcription and Cardiac Hypertrophy in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1207-1217.	1.1	47
65	A crosstalk between chromatin remodeling and histone H3K4 methyltransferase complexes in endothelial cells regulates angiotensin II-induced cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2015, 82, 48-58.	0.9	95
66	MKL1 is an epigenetic modulator of TGF-Î² induced fibrogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 1219-1228.	0.9	49
67	Myocardin related transcription factor A programs epigenetic activation of hepatic stellate cells. Journal of Hepatology, 2015, 62, 165-174.	1.8	69
68	Myocardin-Related Transcription Factor A Epigenetically Regulates Renal Fibrosis in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 1648-1660.	3.0	105
69	Silencing of Pellino1 improves post-infarct cardiac dysfunction and attenuates left ventricular remodelling in mice. Cardiovascular Research, 2014, 102, 46-55.	1.8	27
70	MRTF-A steers an epigenetic complex to activate endothelin-induced pro-inflammatory transcription in vascular smooth muscle cells. Nucleic Acids Research, 2014, 42, 10460-10472.	6.5	44
71	MRTF-A mediates LPS-induced pro-inflammatory transcription by interacting with the COMPASS complex. Journal of Cell Science, 2014, 127, 4645-57.	1.2	70
72	PIASy mediates hypoxia-induced SIRT1 transcriptional repression and epithelial-to-mesenchymal transition in ovarian cancer cells. Journal of Cell Science, 2013, 126, 3939-47.	1.2	77

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73	Brahma-related gene 1 (Brg1) epigenetically regulates CAM activation during hypoxic pulmonary hypertension. Cardiovascular Research, 2013, 100, 363-373.	1.8	48
74	A SUMOylation-Dependent Pathway Regulates SIRT1 Transcription and Lung Cancer Metastasis. Journal of the National Cancer Institute, 2013, 105, 887-898.	3.0	95
75	Megakaryocytic leukemia 1 (MKL1) ties the epigenetic machinery to hypoxia-induced transactivation of endothelin-1. Nucleic Acids Research, 2013, 41, 6005-6017.	6.5	50
76	Interferon gamma (IFN-Î³) disrupts energy expenditure and metabolic homeostasis by suppressing SIRT1 transcription. Nucleic Acids Research, 2012, 40, 1609-1620.	6.5	86
77	Myocardin-Related Transcription Factor A Mediates OxLDL-Induced Endothelial Injury. Circulation Research, 2011, 108, 797-807.	2.0	95
78	SIRT1 links CIITA deacetylation to MHC II activation. Nucleic Acids Research, 2011, 39, 9549-9558.	6.5	33
79	RFXB and its splice variant RFXBSV mediate the antagonism between IFNÎ³ and TGFÎ² on COL1A2 transcription in vascular smooth muscle cells. Nucleic Acids Research, 2009, 37, 4393-4406.	6.5	31
80	HDAC2 deacetylates class II transactivator and suppresses its activity in macrophages and smooth muscle cells. Journal of Molecular and Cellular Cardiology, 2009, 46, 292-299.	0.9	73