

# Yong Xu

## List of Publications by Year in descending order

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80  
papers

3,222  
citations

87888

38  
h-index

182427

51  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardin-Related Transcription Factor A Epigenetically Regulates Renal Fibrosis in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1648-1660.	6.1	105
2	Myocardin-Related Transcription Factor A Mediates OxLDL-Induced Endothelial Injury. <i>Circulation Research</i> , 2011, 108, 797-807.	4.5	95
3	A SUMOylation-Dependent Pathway Regulates SIRT1 Transcription and Lung Cancer Metastasis. <i>Journal of the National Cancer Institute</i> , 2013, 105, 887-898.	6.3	95
4	A crosstalk between chromatin remodeling and histone H3K4 methyltransferase complexes in endothelial cells regulates angiotensin II-induced cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 48-58.	1.9	95
5	Interferon gamma (IFN- $\gamma$ ) disrupts energy expenditure and metabolic homeostasis by suppressing SIRT1 transcription. <i>Nucleic Acids Research</i> , 2012, 40, 1609-1620.	14.5	86
6	PIASy mediates hypoxia-induced SIRT1 transcriptional repression and epithelial-to-mesenchymal transition in ovarian cancer cells. <i>Journal of Cell Science</i> , 2013, 126, 3939-47.	2.0	77
7	Megakaryocytic Leukemia 1 Bridges Epigenetic Activation of NADPH Oxidase in Macrophages to Cardiac Ischemia-Reperfusion Injury. <i>Circulation</i> , 2018, 138, 2820-2836.	1.6	75
8	HDAC2 deacetylates class II transactivator and suppresses its activity in macrophages and smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 292-299.	1.9	73
9	MRTF-A mediates LPS-induced pro-inflammatory transcription by interacting with the COMPASS complex. <i>Journal of Cell Science</i> , 2014, 127, 4645-57.	2.0	70
10	Endothelial MRTF-A mediates angiotensin II induced cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 23-33.	1.9	70
11	Myocardin related transcription factor A programs epigenetic activation of hepatic stellate cells. <i>Journal of Hepatology</i> , 2015, 62, 165-174.	3.7	69
12	The histone H3K9 methyltransferase SUV39H links SIRT1 repression to myocardial infarction. <i>Nature Communications</i> , 2017, 8, 14941.	12.8	67
13	BRG1 regulates NOX gene transcription in endothelial cells and contributes to cardiac ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3477-3486.	3.8	64
14	Brg1 regulates pro-lipogenic transcription by modulating SREBP activity in hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2881-2889.	3.8	60
15	Angiotensin II induced CSF1 transcription is mediated by a crosstalk between different epigenetic factors in vascular endothelial cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 1-11.	1.9	58
16	Myocardin-related transcription factor A (MRTF-A) contributes to acute kidney injury by regulating macrophage ROS production. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3109-3121.	3.8	57
17	Brahma related gene 1 (Brg1) contributes to liver regeneration by epigenetically activating the Wnt/ $\beta$ -catenin pathway in mice. <i>FASEB Journal</i> , 2019, 33, 327-338.	0.5	56
18	MKL1 defines the H3K4Me3 landscape for NF- $\kappa$ B dependent inflammatory response. <i>Scientific Reports</i> , 2017, 7, 191.	3.3	53

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19	Brg1 trans-activates endothelium-derived colony stimulating factor to promote calcium chloride induced abdominal aortic aneurysm in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 125, 6-17.	1.9	51
20	Megakaryocytic leukemia 1 (MKL1) ties the epigenetic machinery to hypoxia-induced transactivation of endothelin-1. <i>Nucleic Acids Research</i> , 2013, 41, 6005-6017.	14.5	50
21	Class II transactivator (CIITA) mediates IFN- $\beta$ induced eNOS repression by enlisting SUV39H1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 163-172.	1.9	50
22	MKL1 promotes endothelial-to-mesenchymal transition and liver fibrosis by activating TWIST1 transcription. <i>Cell Death and Disease</i> , 2019, 10, 899.	6.3	50
23	MKL1 is an epigenetic modulator of TGF- $\beta$ 2 induced fibrogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 1219-1228.	1.9	49
24	Hypermethylated in cancer 1 (HIC1) mediates high glucose induced ROS accumulation in renal tubular epithelial cells by epigenetically repressing SIRT1 transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 917-927.	1.9	49
25	Epigenetic activation of PERP transcription by MKL1 contributes to ROS-induced apoptosis in skeletal muscle cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 905-915.	1.9	49
26	Brahma-related gene 1 (Brg1) epigenetically regulates CAM activation during hypoxic pulmonary hypertension. <i>Cardiovascular Research</i> , 2013, 100, 363-373.	3.8	48
27	Tanshindiol C inhibits oxidized low-density lipoprotein induced macrophage foam cell formation via a peroxiredoxin 1 dependent pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 882-890.	3.8	48
28	The histone methyltransferase SETD1A regulates thrombomodulin transcription in vascular endothelial cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 752-761.	1.9	48
29	Brg1 deficiency in vascular endothelial cells blocks neutrophil recruitment and ameliorates cardiac ischemia-reperfusion injury in mice. <i>International Journal of Cardiology</i> , 2018, 269, 250-258.	1.7	48
30	Histone Methyltransferase SET1 Mediates Angiotensin II-Induced Endothelin-1 Transcription and Cardiac Hypertrophy in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1207-1217.	2.4	47
31	The histone methyltransferase Suv39h2 contributes to nonalcoholic steatohepatitis in mice. <i>Hepatology</i> , 2017, 65, 1904-1919.	7.3	47
32	Hepatic stellate cell-specific deletion of SIRT1 exacerbates liver fibrosis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3202-3211.	3.8	47
33	CDKN2a/p16 Antagonizes Hepatic Stellate Cell Activation and Liver Fibrosis by Modulating ROS Levels. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 176.	3.7	47
34	Megakaryocytic Leukemia 1 Directs a Histone H3 Lysine 4 Methyltransferase Complex to Regulate Hypoxic Pulmonary Hypertension. <i>Hypertension</i> , 2015, 65, 821-833.	2.7	45
35	The chromatin remodeling protein BRG1 regulates APAP-induced liver injury by modulating CYP3A11 transcription in hepatocyte. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3487-3495.	3.8	45
36	MRTF-A steers an epigenetic complex to activate endothelin-induced pro-inflammatory transcription in vascular smooth muscle cells. <i>Nucleic Acids Research</i> , 2014, 42, 10460-10472.	14.5	44

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37	Acetylation of MKL1 by PCAF regulates pro-inflammatory transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 839-847.	1.9	41
38	Activation of Galectin-3 (LGALS3) Transcription by Injurious Stimuli in the Liver Is Commonly Mediated by BRG1. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 310.	3.7	40
39	A non-autonomous role of MKL1 in the activation of hepatic stellate cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 609-618.	1.9	38
40	Histone Deacetylase 11 Contributes to Renal Fibrosis by Repressing KLF15 Transcription. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 235.	3.7	36
41	Peli1 induction impairs cardiac microvascular endothelium through Hsp90 dissociation from IRE1 $\beta$ . <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2606-2617.	3.8	35
42	Epigenetic Regulation of a Disintegrin and Metalloproteinase (ADAM) Transcription in Colorectal Cancer Cells: Involvement of $\beta$ -Catenin, BRG1, and KDM4. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 581692.	3.7	35
43	MKL1 mediates TGF $\beta$ $_2$ -induced CTGF transcription to promote renal fibrosis. <i>Journal of Cellular Physiology</i> , 2020, 235, 4790-4803.	4.1	34
44	SIRT1 links CIITA deacetylation to MHC II activation. <i>Nucleic Acids Research</i> , 2011, 39, 9549-9558.	14.5	33
45	RFXB and its splice variant RFXBSV mediate the antagonism between IFN $\beta$ and TGF $\beta$ $_2$ on COL1A2 transcription in vascular smooth muscle cells. <i>Nucleic Acids Research</i> , 2009, 37, 4393-4406.	14.5	31
46	HIF-1 $\beta$ coordinates epigenetic activation of SIAH1 in hepatocytes in response to nutritional stress. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1037-1046.	1.9	31
47	Dual roles of chromatin remodeling protein BRG1 in angiotensin II-induced endothelial "mesenchymal transition. <i>Cell Death and Disease</i> , 2020, 11, 549.	6.3	30
48	MKL1 links epigenetic activation of MMP2 to ovarian cancer cell migration and invasion. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 500-508.	2.1	29
49	Silencing of Pellino1 improves post-infarct cardiac dysfunction and attenuates left ventricular remodelling in mice. <i>Cardiovascular Research</i> , 2014, 102, 46-55.	3.8	27
50	Transcriptional repression of SIRT1 by protein inhibitor of activated STAT 4 (PIAS4) in hepatic stellate cells contributes to liver fibrosis. <i>Scientific Reports</i> , 2016, 6, 28432.	3.3	27
51	BRG1 Stimulates Endothelial Derived Alarmin MRP8 to Promote Macrophage Infiltration in an Animal Model of Cardiac Hypertrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 569.	3.7	26
52	SIRT1 deacetylates KLF4 to activate Claudin $\beta$ 5 transcription in ovarian cancer cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2418-2426.	2.6	25
53	Forkhead transcription factor FOXO3a mediates interferon $\beta$ -induced MHC II transcription in macrophages. <i>Immunology</i> , 2019, 158, 304-313.	4.4	25
54	An interaction between BRG1 and histone modifying enzymes mediates lipopolysaccharide-induced proinflammatory cytokines in vascular endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13216-13225.	2.6	25

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55	The Chromatin Remodeling Protein BRG1 Regulates SREBP Maturation by Activating SCAP Transcription in Hepatocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 622866.	3.7	25
56	An MRTF-A- $\alpha$ -Sp1-PDE5 Axis Mediates Angiotensin-II-Induced Cardiomyocyte Hypertrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 839.	3.7	24
57	MKL1 Mediates TGF- $\beta$ 2 Induced RhoJ Transcription to Promote Breast Cancer Cell Migration and Invasion. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 832.	3.7	24
58	Transcriptional Activation of Matricellular Protein Spondin2 (SPON2) by BRG1 in Vascular Endothelial Cells Promotes Macrophage Chemotaxis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 794.	3.7	23
59	An Interplay Between MRTF-A and the Histone Acetyltransferase TIP60 Mediates Hypoxia-Reoxygenation Induced iNOS Transcription in Macrophages. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 484.	3.7	23
60	Deacetylation of MRTF-A by SIRT1 defies senescence induced down-regulation of collagen type I in fibroblast cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165723.	3.8	23
61	Redox-sensitive activation of CCL7 by BRG1 in hepatocytes during liver injury. <i>Redox Biology</i> , 2021, 46, 102079.	9.0	23
62	BRG1 Activates PR65A Transcription to Regulate NO Bioavailability in Vascular Endothelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 774.	3.7	22
63	Protein arginine methyltransferase 1 (PRMT1) represses MHC II transcription in macrophages by methylating CIITA. <i>Scientific Reports</i> , 2017, 7, 40531.	3.3	21
64	BRG1 deficiency in endothelial cells alleviates thioacetamide induced liver fibrosis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 212-219.	2.1	21
65	MKL1 is an epigenetic mediator of TNF- $\alpha$ -induced proinflammatory transcription in macrophages by interacting with ASH2. <i>FEBS Letters</i> , 2017, 591, 934-945.	2.8	20
66	RhoJ promotes hypoxia induced endothelial-to-mesenchymal transition by activating WDR5 expression. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3384-3393.	2.6	19
67	DDIT4 Nitrosylation Aids p38-MAPK Signaling Complex Assembly to Promote Hepatic Reactive Oxygen Species Production. <i>Advanced Science</i> , 2021, 8, e2101957.	11.2	19
68	Epiregulin (EREG) and Myocardin Related Transcription Factor A (MRTF-A) Form a Feedforward Loop to Drive Hepatic Stellate Cell Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591246.	3.7	19
69	BRG1 Mediates Nephronectin Activation in Hepatocytes to Promote T Lymphocyte Infiltration in ConA-Induced Hepatitis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 587502.	3.7	19
70	The arginine methyltransferase PRMT5 regulates CIITA-dependent MHC II transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 687-696.	1.9	17
71	BRG1 Links TLR4 Trans-Activation to LPS-Induced SREBP1a Expression and Liver Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617073.	3.7	16
72	Hepatocyte-specific deletion of Brg1 alleviates methionine-and-choline-deficient diet (MCD) induced non-alcoholic steatohepatitis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 344-351.	2.1	15

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73	Epigenetic activation of the small GTPase TCL contributes to colorectal cancer cell migration and invasion. <i>Oncogenesis</i> , 2020, 9, 86.	4.9	15
74	Activation of TC10-Like Transcription by Lysine Demethylase KDM4B in Colorectal Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617549.	3.7	14
75	Myocardin-related transcription factor A drives ROS-fueled expansion of hepatic stellate cells by regulating p38-MAPK signalling. <i>Clinical and Translational Medicine</i> , 2022, 12, e688.	4.0	14
76	Dual Regulation of Tank Binding Kinase 1 by BRG1 in Hepatocytes Contributes to Reactive Oxygen Species Production. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 745985.	3.7	13
77	Myeloid MKL1 Disseminates Cues to Promote Cardiac Hypertrophy in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 583492.	3.7	11
78	The Jumonji Domain-Containing Histone Demethylase Homolog 1D/lysine Demethylase 7A (JHDM1D/KDM7A) Is an Epigenetic Activator of RHOJ Transcription in Breast Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 664375.	3.7	11
79	HIC1 epigenetically represses CIITA transcription in B lymphocytes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1481-1489.	1.9	10
80	Protein inhibitor of activated STAT 4 (PIAS4) regulates pro-inflammatory transcription in hepatocytes by repressing SIRT1. <i>Oncotarget</i> , 2016, 7, 42892-42903.	1.8	6