

Jianxin Sun

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,715
citations

218381

26
h-index

205818

48
g-index

52
all docs

52
docs citations

52
times ranked

3981
citing authors

#	ARTICLE	IF	CITATIONS
1	Rho-Kinase Mediates Hypoxia-Induced Downregulation of Endothelial Nitric Oxide Synthase. <i>Circulation</i> , 2002, 106, 57-62.	1.6	459
2	Activation of the Phosphatidylinositol 3-Kinase/Protein Kinase Akt Pathway Mediates Nitric Oxide-Induced Endothelial Cell Migration and Angiogenesis. <i>Molecular and Cellular Biology</i> , 2003, 23, 5726-5737.	1.1	248
3	Mitochondrial Reactive Oxygen Species Mediate Lysophosphatidylcholine-Induced Endothelial Cell Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1090-1100.	1.1	187
4	MicroRNA-663 Regulates Human Vascular Smooth Muscle Cell Phenotypic Switch and Vascular Neointimal Formation. <i>Circulation Research</i> , 2013, 113, 1117-1127.	2.0	164
5	Tumor Necrosis Factor- β Downregulates Endothelial Nitric Oxide Synthase mRNA Stability via Translation Elongation Factor 1- β . <i>Circulation Research</i> , 2008, 103, 591-597.	2.0	127
6	MicroRNA-145 Protects Cardiomyocytes against Hydrogen Peroxide (H ₂ O ₂)-Induced Apoptosis through Targeting the Mitochondria Apoptotic Pathway. <i>PLoS ONE</i> , 2012, 7, e44907.	1.1	124
7	miR-181a increases FoxO1 acetylation and promotes granulosa cell apoptosis via SIRT1 downregulation. <i>Cell Death and Disease</i> , 2017, 8, e3088-e3088.	2.7	116
8	The Orphan Nuclear Receptor Nur77 Suppresses Endothelial Cell Activation Through Induction of β -Tubulin Expression. <i>Circulation Research</i> , 2009, 104, 742-749.	2.0	112
9	MicroRNA-638 is highly expressed in human vascular smooth muscle cells and inhibits PDGF-BB-induced cell proliferation and migration through targeting orphan nuclear receptor NOR1. <i>Cardiovascular Research</i> , 2013, 99, 185-193.	1.8	109
10	Induction of Angiogenesis by Heat Shock Protein 90 Mediated by Protein Kinase Akt and Endothelial Nitric Oxide Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2238-2244.	1.1	70
11	Functional interaction of endothelial nitric oxide synthase with a voltage-dependent anion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13108-13113.	3.3	64
12	Metabolic Diseases Downregulate the Majority of Histone Modification Enzymes, Making a Few Upregulated Enzymes Novel Therapeutic Targets. <i>Sand Out and Gold Stays</i> . <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 49-66.	1.1	53
13	FHL2/SLIM3 Decreases Cardiomyocyte Survival by Inhibitory Interaction With Sphingosine Kinase-1. <i>Circulation Research</i> , 2006, 99, 468-476.	2.0	50
14	Twenty Novel Disease Group-Specific and 12 New Shared Macrophage Pathways in Eight Groups of 34 Diseases Including 24 Inflammatory Organ Diseases and 10 Types of Tumors. <i>Frontiers in Immunology</i> , 2019, 10, 2612.	2.2	50
15	EHD1 impairs decidualization by regulating the Wnt4/ β -catenin signaling pathway in recurrent implantation failure. <i>EBioMedicine</i> , 2019, 50, 343-354.	2.7	49
16	Inhibition of Cardiomyocyte Hypertrophy by Protein Arginine Methyltransferase 5. <i>Journal of Biological Chemistry</i> , 2014, 289, 24325-24335.	1.6	41
17	Orphan Nuclear Receptor Nur77 Inhibits Cardiac Hypertrophic Response to Beta-Adrenergic Stimulation. <i>Molecular and Cellular Biology</i> , 2015, 35, 3312-3323.	1.1	36
18	MicroRNA-638 inhibits human airway smooth muscle cell proliferation and migration through targeting cyclin D1 and NOR1. <i>Journal of Cellular Physiology</i> , 2019, 234, 369-381.	2.0	36

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19	miR-145 inhibits isoproterenol-induced cardiomyocyte hypertrophy by targeting the expression and localization of GATA6. <i>FEBS Letters</i> , 2013, 587, 1754-1761.	1.3	34
20	Orphan nuclear receptor Nur77 is a novel negative regulator of endothelin-1 expression in vascular endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 20-28.	0.9	32
21	Nur77 Suppresses Pulmonary Artery Smooth Muscle Cell Proliferation through Inhibition of the STAT3/Pim-1/NFAT Pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 379-388.	1.4	30
22	Enhanced HOXA10 sumoylation inhibits embryo implantation in women with recurrent implantation failure. <i>Cell Death Discovery</i> , 2017, 3, 17057.	2.0	30
23	Increasing Upstream Chromatin Long-Range Interactions May Favor Induction of Circular RNAs in LysoPC-Activated Human Aortic Endothelial Cells. <i>Frontiers in Physiology</i> , 2019, 10, 433.	1.3	30
24	Induction of Nur77 by hyperoside inhibits vascular smooth muscle cell proliferation and neointimal formation. <i>Biochemical Pharmacology</i> , 2014, 92, 590-598.	2.0	29
25	Pim1 kinase promotes angiogenesis through phosphorylation of endothelial nitric oxide synthase at Ser-633. <i>Cardiovascular Research</i> , 2016, 109, 141-150.	1.8	27
26	Multiple tumor suppressors regulate a HIF-dependent negative feedback loop via ISGF3 in human clear cell renal cancer. <i>ELife</i> , 2018, 7, .	2.8	25
27	Antithrombotic Effects of Nur77 and Nor1 Are Mediated Through Upregulating Thrombomodulin Expression in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 361-369.	1.1	23
28	Heat shock protein 90 inhibition by 17-DMAG attenuates abdominal aortic aneurysm formation in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H841-H852.	1.5	22
29	The histone deacetylase inhibitor tubacin mitigates endothelial dysfunction by up-regulating the expression of endothelial nitric oxide synthase. <i>Journal of Biological Chemistry</i> , 2019, 294, 19565-19576.	1.6	20
30	C1q Deficiency Promotes Pulmonary Vascular Inflammation and Enhances the Susceptibility of the Lung Endothelium to Injury. <i>Journal of Biological Chemistry</i> , 2015, 290, 29642-29651.	1.6	19
31	Increased Krüppel-like factor 12 in recurrent implantation failure impairs endometrial decidualization by repressing Nur77 expression. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 25.	1.4	19
32	29 m6A-RNA Methylation (Epitranscriptomic) Regulators Are Regulated in 41 Diseases including Atherosclerosis and Tumors Potentially via ROS Regulation – 102 Transcriptomic Dataset Analyses. <i>Journal of Immunology Research</i> , 2022, 2022, 1-42.	0.9	19
33	DNA Checkpoint and Repair Factors Are Nuclear Sensors for Intracellular Organelle Stresses – Inflammations and Cancers Can Have High Genomic Risks. <i>Frontiers in Physiology</i> , 2018, 9, 516.	1.3	18
34	Nur77 limits endothelial barrier disruption to LPS in the mouse lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L615-L624.	1.3	18
35	Glyceraldehyde-3-Phosphate Dehydrogenase Interacts with Proapoptotic Kinase Mst1 to Promote Cardiomyocyte Apoptosis. <i>PLoS ONE</i> , 2013, 8, e58697.	1.1	18
36	Transcriptional up-regulation of relaxin-3 by Nur77 attenuates β -adrenergic agonist-induced apoptosis in cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2018, 293, 14001-14011.	1.6	16

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37	Simvastatin Suppresses Human Breast Cancer Cell Invasion by Decreasing the Expression of Pituitary Tumor-Transforming Gene 1. <i>Frontiers in Pharmacology</i> , 2020, 11, 574068.	1.6	15
38	Novel Knowledge-Based Transcriptomic Profiling of Lipid Lysophosphatidylinositol-Induced Endothelial Cell Activation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 773473.	1.1	15
39	Interleukin 35 Delays Hindlimb Ischemia-Induced Angiogenesis Through Regulating ROS-Extracellular Matrix but Spares Later Regenerative Angiogenesis. <i>Frontiers in Immunology</i> , 2020, 11, 595813.	2.2	13
40	Monocyte Adhesion Assays for Detecting Endothelial Cell Activation in Vascular Inflammation and Atherosclerosis. <i>Methods in Molecular Biology</i> , 2022, 2419, 169-182.	0.4	13
41	Post-Transcriptional Regulation of Endothelial Nitric Oxide Synthase Expression by Polypyrimidine Tract-Associated Protein 1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2153-2160.	1.1	12
42	Nur77 Attenuates Inflammasome Activation by Inhibiting Caspase-1 Expression in Pulmonary Vascular Endothelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 288-299.	1.4	12
43	Organelle Crosstalk Regulators Are Regulated in Diseases, Tumors, and Regulatory T Cells: Novel Classification of Organelle Crosstalk Regulators. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 713170.	1.1	11
44	Pim-1 Kinase Phosphorylates Cardiac Troponin I and Regulates Cardiac Myofilament Function. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2174-2186.	1.1	10
45	Aorta in Pathologies May Function as an Immune Organ by Upregulating Secretomes for Immune and Vascular Cell Activation, Differentiation and Trans-Differentiation- Early Secretomes may Serve as Drivers for Trained Immunity. <i>Frontiers in Immunology</i> , 2022, 13, 858256.	2.2	10
46	Glutamine restores mitochondrial respiration in bleomycin-injured epithelial cells. <i>Free Radical Biology and Medicine</i> , 2021, 176, 335-344.	1.3	8
47	Endothelial PRMT5 plays a crucial role in angiogenesis after acute ischemic injury. <i>JCI Insight</i> , 2022, 7, .	2.3	3