Hongfang Jin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3164810/publications.pdf

Version: 2024-02-01

42 papers	1,339 citations	361413 20 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	1146 citing authors

#	Article	IF	Citations
1	Endogenous generation of sulfur dioxide in rat tissues. Biochemical and Biophysical Research Communications, 2011, 415, 61-67.	2.1	124
2	Hydrogen Sulfide Suppresses Oxidized Low-density Lipoprotein (Ox-LDL)-stimulated Monocyte Chemoattractant Protein 1 generation from Macrophages via the Nuclear Factor ÎºB (NF-ÎºB) Pathway. Journal of Biological Chemistry, 2014, 289, 9741-9753.	3.4	120
3	Hydrogen Sulfide Attenuates Hyperhomocysteinemia-Induced Cardiomyocytic Endoplasmic Reticulum Stress in Rats. Antioxidants and Redox Signaling, 2010, 12, 1079-1091.	5.4	92
4	Effects of sulfur dioxide on hypoxic pulmonary vascular structural remodeling. Laboratory Investigation, 2010, 90, 68-82.	3.7	85
5	Hydrogen sulfide and vascular regulation â€“ An update. Journal of Advanced Research, 2021, 27, 85-97.	9.5	79
6	Regulatory effects of sulfur dioxide on the development of atherosclerotic lesions and vascular hydrogen sulfide in atherosclerotic rats. Atherosclerosis, 2011, 215, 323-330.	0.8	75
7	Down-regulated CBS/H2S pathway is involved in high-salt-induced hypertension in Dahl rats. Nitric Oxide - Biology and Chemistry, 2015, 46, 192-203.	2.7	74
8	Sulfur dioxide upregulates the inhibited endogenous hydrogen sulfide pathway in rats with pulmonary hypertension induced by high pulmonary blood flow. Biochemical and Biophysical Research Communications, 2013, 433, 519-525.	2.1	44
9	Endogeous sulfur dioxide protects against oleic acid-induced acute lung injury in association with inhibition of oxidative stress in rats. Laboratory Investigation, 2015, 95, 142-156.	3.7	42
10	H2S inhibits pulmonary arterial endothelial cell inflammation in rats with monocrotaline-induced pulmonary hypertension. Laboratory Investigation, 2017, 97, 268-278.	3.7	42
11	Hydrogen Sulfide Inhibits High-Salt Diet-Induced Renal Oxidative Stress and Kidney Injury in Dahl Rats. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	4.0	40
12	Endogenous Sulfur Dioxide Aggravates Myocardial Injury in Isolated Rat Heart With Ischemia and Reperfusion. Transplantation, 2009, 87, 517-524.	1.0	36
13	Sulphur dioxide suppresses inflammatory response by sulphenylating NF-ÎºB p65 at Cys38 in a rat model of acute lung injury. Clinical Science, 2017, 131, 2655-2670.	4.3	36
14	Endogenous sulfur dioxide alleviates collagen remodeling via inhibiting TGF-Î²/Smad pathway in vascular smooth muscle cells. Scientific Reports, 2016, 6, 19503.	3.3	33
15	Endogenous hydrogen sulfide sulfhydrates IKKÎ² at cysteine 179 to control pulmonary artery endothelial cell inflammation. Clinical Science, 2019, 133, 2045-2059.	4.3	32
16	Downregulated endogenous sulfur dioxide/aspartate aminotransferase pathway is involved in angiotensin II-stimulated cardiomyocyte autophagy and myocardial hypertrophy in mice. International Journal of Cardiology, 2016, 225, 392-401.	1.7	31
17	Sodium hydrosulfide alleviates pulmonary artery collagen remodeling in rats with high pulmonary blood flow. Heart and Vessels, 2008, 23, 409-419.	1.2	26
18	Retina-derived endogenous sulfur dioxide might be a novel anti-apoptotic factor. Biochemical and Biophysical Research Communications, 2018, 496, 955-960.	2.1	25

#	Article	IF	Citations
19	Mechanical stretching stimulates collagen synthesis via down-regulating SO2/AAT1 pathway. Scientific Reports, 2016, 6, 21112.	3.3	23
20	Sulfur Dioxide Protects Against Collagen Accumulation in Pulmonary Artery in Association With Downregulation of the Transforming Growth Factor Î²1/Smad Pathway in Pulmonary Hypertensive Rats. Journal of the American Heart Association, 2016, 5, .	3.7	23
21	Endogenous SO2-dependent Smad3 redox modification controls vascular remodeling. Redox Biology, 2021, 41, 101898.	9.0	22
22	Downregulation of Endogenous Hydrogen Sulfide Pathway Is Involved in Mitochondrion-Related Endothelial Cell Apoptosis Induced by High Salt. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	4.0	21
23	Endogenous sulfur dioxide is a novel adipocyte-derived inflammatory inhibitor. Scientific Reports, 2016, 6, 27026.	3.3	21
24	l-Cystathionine Inhibits the Mitochondria-Mediated Macrophage Apoptosis Induced by Oxidized Low Density Lipoprotein. International Journal of Molecular Sciences, 2014, 15, 23059-23073.	4.1	18
25	Role of Endogenous Sulfur Dioxide in Regulating Vascular Structural Remodeling in Hypertension. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	4.0	18
26	Persulfidation of transcription factor FOXO1 at cysteine 457: A novel mechanism by which H2S inhibits vascular smooth muscle cell proliferation. Journal of Advanced Research, 2021, 27, 155-164.	9.5	18
27	L-Cystathionine Protects against Homocysteine-Induced Mitochondria-Dependent Apoptosis of Vascular Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	16
28	Macrophage-derived sulfur dioxide is a novel inflammation regulator. Biochemical and Biophysical Research Communications, 2020, 524, 916-922.	2.1	16
29	L-cystathionine inhibits oxidized low density lipoprotein-induced THP-1-derived macrophage inflammatory cytokine monocyte chemoattractant protein-1 generation via the NF-Î°B pathway. Scientific Reports, 2015, 5, 10453.	3.3	15
30	Endothelin-1 Downregulates Sulfur Dioxide/Aspartate Aminotransferase Pathway via Reactive Oxygen Species to Promote the Proliferation and Migration of Vascular Smooth Muscle Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	4.0	14
31	Negative auto-regulation of sulfur dioxide generation in vascular endothelial cells: AAT1 S-sulfenylation. Biochemical and Biophysical Research Communications, 2020, 525, 231-237.	2.1	14
32	Endogenous sulfur dioxide is a novel inhibitor of hypoxia-induced mast cell degranulation. Journal of Advanced Research, 2021, 29, 55-65.	9.5	11
33	Sulfur Dioxide Activates Cl-/HCO3- Exchanger via Sulphenylating AE2 to Reduce Intracellular pH in Vascular Smooth Muscle Cells. Frontiers in Pharmacology, 2019, 10, 313.	3.5	8
34	Endogenous sulfur dioxide is a new gasotransmitter with promising therapeutic potential in cardiovascular system. Science Bulletin, 2021, 66, 1604-1607.	9.0	8
35	Endogenous Hydrogen Sulfide Persulfidates Caspase-3 at Cysteine 163 to Inhibit Doxorubicin-Induced Cardiomyocyte Apoptosis. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-20.	4.0	8
36	Endothelial Cell-Derived SO2 Controls Endothelial Cell Inflammation, Smooth Muscle Cell Proliferation, and Collagen Synthesis to Inhibit Hypoxic Pulmonary Vascular Remodelling. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	4.0	6

#	Article	IF	Citations
37	Implications of Hydrogen Sulfide in Development of Pulmonary Hypertension. Biomolecules, 2022, 12, 772.	4.0	6
38	Clinical Efficacy of Empirical Therapy in Children with Vasovagal Syncope. Children, 2022, 9, 1065.	1.5	5
39	Sulphenylation of CypD at Cysteine 104: A Novel Mechanism by Which SO2 Inhibits Cardiomyocyte Apoptosis. Frontiers in Cell and Developmental Biology, 2021, 9, 784799.	3.7	4
40	Role of hydrogen sulfide in sulfur dioxide production and vascular regulation. PLoS ONE, 2022, 17, e0264891.	2.5	4
41	Twenty-Four-Hour Urinary Sodium Excretion Predicts Therapeutic Effectiveness of Oral Rehydration Saline in Pediatric Vasovagal Syncope. Children, 2022, 9, 992.	1.5	3
42	Endogenous Taurine Downregulation Is Required for Renal Injury in Salt-Sensitive Hypertensive Rats via CBS/H2S Inhibition. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	4.0	1