

Hongfang Jin

List of Publications by Year in descending order

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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	Role of hydrogen sulfide in sulfur dioxide production and vascular regulation. PLoS ONE, 2022, 17, e0264891.	2.5	4
2	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
3	Implications of Hydrogen Sulfide in Development of Pulmonary Hypertension. Biomolecules, 2022, 12, 772.	4.0	6
4	Twenty-Four-Hour Urinary Sodium Excretion Predicts Therapeutic Effectiveness of Oral Rehydration Saline in Pediatric Vasovagal Syncope. Children, 2022, 9, 992.	1.5	3
5	Clinical Efficacy of Empirical Therapy in Children with Vasovagal Syncope. Children, 2022, 9, 1065.	1.5	5
6	Hydrogen sulfide and vascular regulation – An update. Journal of Advanced Research, 2021, 27, 85-97.	9.5	79
7	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
8	Endogenous sulfur dioxide is a novel inhibitor of hypoxia-induced mast cell degranulation. Journal of Advanced Research, 2021, 29, 55-65.	9.5	11
9	Endogenous sulfur dioxide is a new gasotransmitter with promising therapeutic potential in cardiovascular system. Science Bulletin, 2021, 66, 1604-1607.	9.0	8
10	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
11	Endogenous SO2-dependent Smad3 redox modification controls vascular remodeling. Redox Biology, 2021, 41, 101898.	9.0	22
12	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
13	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
14	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
15	Negative auto-regulation of sulfur dioxide generation in vascular endothelial cells: AAT1 S-sulphenylation. Biochemical and Biophysical Research Communications, 2020, 525, 231-237.	2.1	14
16	Macrophage-derived sulfur dioxide is a novel inflammation regulator. Biochemical and Biophysical Research Communications, 2020, 524, 916-922.	2.1	16
17	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
18	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

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19	Endogenous hydrogen sulfide sulphydrates IKK $\hat{\kappa}$ 2 at cysteine 179 to control pulmonary artery endothelial cell inflammation. <i>Clinical Science</i> , 2019, 133, 2045-2059.	4.3	32
20	Retina-derived endogenous sulfur dioxide might be a novel anti-apoptotic factor. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 955-960.	2.1	25
21	H2S inhibits pulmonary arterial endothelial cell inflammation in rats with monocrotaline-induced pulmonary hypertension. <i>Laboratory Investigation</i> , 2017, 97, 268-278.	3.7	42
22	Sulphur dioxide suppresses inflammatory response by sulphenylating NF- $\hat{\kappa}$ B p65 at Cys38 in a rat model of acute lung injury. <i>Clinical Science</i> , 2017, 131, 2655-2670.	4.3	36
23	Role of Endogenous Sulfur Dioxide in Regulating Vascular Structural Remodeling in Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	4.0	18
24	Hydrogen Sulfide Inhibits High-Salt Diet-Induced Renal Oxidative Stress and Kidney Injury in Dahl Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	4.0	40
25	Mechanical stretching stimulates collagen synthesis via down-regulating SO2/AAT1 pathway. <i>Scientific Reports</i> , 2016, 6, 21112.	3.3	23
26	Endogenous sulfur dioxide alleviates collagen remodeling via inhibiting TGF- $\hat{\kappa}$ 2/Smad pathway in vascular smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 19503.	3.3	33
27	Endogenous sulfur dioxide is a novel adipocyte-derived inflammatory inhibitor. <i>Scientific Reports</i> , 2016, 6, 27026.	3.3	21
28	Downregulated endogenous sulfur dioxide/aspartate aminotransferase pathway is involved in angiotensin II-stimulated cardiomyocyte autophagy and myocardial hypertrophy in mice. <i>International Journal of Cardiology</i> , 2016, 225, 392-401.	1.7	31
29	Sulfur Dioxide Protects Against Collagen Accumulation in Pulmonary Artery in Association With Downregulation of the Transforming Growth Factor $\hat{\kappa}$ 21/Smad Pathway in Pulmonary Hypertensive Rats. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	23
30	L-cystathionine inhibits oxidized low density lipoprotein-induced THP-1-derived macrophage inflammatory cytokine monocyte chemoattractant protein-1 generation via the NF- $\hat{\kappa}$ B pathway. <i>Scientific Reports</i> , 2015, 5, 10453.	3.3	15
31	Downregulation of Endogenous Hydrogen Sulfide Pathway Is Involved in Mitochondrion-Related Endothelial Cell Apoptosis Induced by High Salt. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	4.0	21
32	Endogenous sulfur dioxide protects against oleic acid-induced acute lung injury in association with inhibition of oxidative stress in rats. <i>Laboratory Investigation</i> , 2015, 95, 142-156.	3.7	42
33	Down-regulated CBS/H2S pathway is involved in high-salt-induced hypertension in Dahl rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 192-203.	2.7	74
34	Hydrogen Sulfide Suppresses Oxidized Low-density Lipoprotein (Ox-LDL)-stimulated Monocyte Chemoattractant Protein 1 generation from Macrophages via the Nuclear Factor $\hat{\kappa}$ B (NF- $\hat{\kappa}$ B) Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 9741-9753.	3.4	120
35	L-Cystathionine Inhibits the Mitochondria-Mediated Macrophage Apoptosis Induced by Oxidized Low Density Lipoprotein. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23059-23073.	4.1	18
36	Sulfur dioxide upregulates the inhibited endogenous hydrogen sulfide pathway in rats with pulmonary hypertension induced by high pulmonary blood flow. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 519-525.	2.1	44

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37	Endogenous generation of sulfur dioxide in rat tissues. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 61-67.	2.1	124
38	Regulatory effects of sulfur dioxide on the development of atherosclerotic lesions and vascular hydrogen sulfide in atherosclerotic rats. <i>Atherosclerosis</i> , 2011, 215, 323-330.	0.8	75
39	Effects of sulfur dioxide on hypoxic pulmonary vascular structural remodeling. <i>Laboratory Investigation</i> , 2010, 90, 68-82.	3.7	85
40	Hydrogen Sulfide Attenuates Hyperhomocysteinemia-Induced Cardiomyocytic Endoplasmic Reticulum Stress in Rats. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1079-1091.	5.4	92
41	Endogenous Sulfur Dioxide Aggravates Myocardial Injury in Isolated Rat Heart With Ischemia and Reperfusion. <i>Transplantation</i> , 2009, 87, 517-524.	1.0	36
42	Sodium hydrosulfide alleviates pulmonary artery collagen remodeling in rats with high pulmonary blood flow. <i>Heart and Vessels</i> , 2008, 23, 409-419.	1.2	26