

Junbao Du

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,387
citations

257450

24
h-index

206112

48
g-index

59
all docs

59
docs citations

59
times ranked

2033
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a differential driven shorted annular ring antenna. <i>Frequenz</i> , 2022, .	0.9	0
2	Endogenous Hydrogen Sulfide Persulfidates Caspase-3 at Cysteine 163 to Inhibit Doxorubicin-Induced Cardiomyocyte Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	4.0	8
3	Hydrogen sulfide and vascular regulation “ An update. <i>Journal of Advanced Research</i> , 2021, 27, 85-97.	9.5	79
4	Endogenous sulfur dioxide is a novel inhibitor of hypoxia-induced mast cell degranulation. <i>Journal of Advanced Research</i> , 2021, 29, 55-65.	9.5	11
5	Endogenous sulfur dioxide is a new gasotransmitter with promising therapeutic potential in cardiovascular system. <i>Science Bulletin</i> , 2021, 66, 1604-1607.	9.0	8
6	Endothelial Cell-Derived SO ₂ Controls Endothelial Cell Inflammation, Smooth Muscle Cell Proliferation, and Collagen Synthesis to Inhibit Hypoxic Pulmonary Vascular Remodelling. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	6
7	Endogenous SO ₂ -dependent Smad3 redox modification controls vascular remodeling. <i>Redox Biology</i> , 2021, 41, 101898.	9.0	22
8	Endogenous Taurine Downregulation Is Required for Renal Injury in Salt-Sensitive Hypertensive Rats via CBS/H ₂ S Inhibition. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	4.0	1
9	Sulphenylation of CypD at Cysteine 104: A Novel Mechanism by Which SO ₂ Inhibits Cardiomyocyte Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 784799.	3.7	4
10	Compensatory role of endogenous sulfur dioxide in nitric oxide deficiency-induced hypertension. <i>Redox Biology</i> , 2021, 48, 102192.	9.0	5
11	Risk Factors for Orthostatic Hypertension in Children. <i>Journal of Pediatrics</i> , 2020, 227, 212-217.e1.	1.8	2
12	Endothelin-1 Downregulates Sulfur Dioxide/Aspartate Aminotransferase Pathway via Reactive Oxygen Species to Promote the Proliferation and Migration of Vascular Smooth Muscle Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	4.0	14
13	Negative auto-regulation of sulfur dioxide generation in vascular endothelial cells: AAT1 S-sulphenylation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 231-237.	2.1	14
14	Macrophage-derived sulfur dioxide is a novel inflammation regulator. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 916-922.	2.1	16
15	Angiotensin II downregulates vascular endothelial cell hydrogen sulfide production by enhancing cystathionine β ₃ -lyase degradation through ROS-activated ubiquitination pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 907-912.	2.1	11
16	Sulfur Dioxide Activates Cl ⁻ /HCO ₃ ⁻ Exchanger via Sulphenylating AE2 to Reduce Intracellular pH in Vascular Smooth Muscle Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 313.	3.5	8
17	L-Cystathionine Protects against Homocysteine-Induced Mitochondria-Dependent Apoptosis of Vascular Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	16
18	Frequency Domain Indices of Heart Rate Variability are Useful for Differentiating Vasovagal Syncope and Postural Tachycardia Syndrome in Children. <i>Journal of Pediatrics</i> , 2019, 207, 59-63.	1.8	21

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19	Acceleration Index Predicts Efficacy of Orthostatic Training on Vasovagal Syncope in Children. <i>Journal of Pediatrics</i> , 2019, 207, 54-58.	1.8	18
20	Endogenous hydrogen sulfide sulfhydrates IKK β at cysteine 179 to control pulmonary artery endothelial cell inflammation. <i>Clinical Science</i> , 2019, 133, 2045-2059.	4.3	32
21	H ₂ S 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- κ B p65 at Cys38 in a rat model of acute lung injury. <i>Clinical Science</i> , 2017, 131, 2655-2670.	4.3	36
23	Hydrogen Sulfide Inhibits High-Salt Diet-Induced Myocardial Oxidative Stress and Myocardial Hypertrophy in Dahl Rats. <i>Frontiers in Pharmacology</i> , 2017, 08, 128.	3.5	22
24	H ₂ S-Induced Sulfhydration: Biological Function and Detection Methodology. <i>Frontiers in Pharmacology</i> , 2017, 8, 608.	3.5	124
25	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
26	Endogenous Sulfur Dioxide: A New Member of Gasotransmitter Family in the Cardiovascular System. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	4.0	78
27	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
28	Mechanical stretching stimulates collagen synthesis via down-regulating SO ₂ /AAT1 pathway. <i>Scientific Reports</i> , 2016, 6, 21112.	3.3	23
29	Endogenous sulfur dioxide alleviates collagen remodeling via inhibiting TGF- β /Smad pathway in vascular smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 19503.	3.3	33
30	Endogenous sulfur dioxide is a novel adipocyte-derived inflammatory inhibitor. <i>Scientific Reports</i> , 2016, 6, 27026.	3.3	21
31	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
32	Sulfur Dioxide Protects Against Collagen Accumulation in Pulmonary Artery in Association With Downregulation of the Transforming Growth Factor β 1/Smad Pathway in Pulmonary Hypertensive Rats. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	23
33	The vasodilatory effect of sulfur dioxide via SGC/cGMP/PKG pathway in association with sulfhydryl-dependent dimerization. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1073-R1080.	1.8	22
34	L-cystathionine inhibits oxidized low density lipoprotein-induced THP-1-derived macrophage inflammatory cytokine monocyte chemoattractant protein-1 generation via the NF- κ B pathway. <i>Scientific Reports</i> , 2015, 5, 10453.	3.3	15
35	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
36	A cross-sectional study on upright heart rate and BP changing characteristics: basic data for establishing diagnosis of postural orthostatic tachycardia syndrome and orthostatic hypertension. <i>BMJ Open</i> , 2015, 5, e007356-e007356.	1.9	27

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37	Total Peripheral Vascular Resistance, Cardiac Output, and Plasma C-Type Natriuretic Peptide Level in Children with Postural Tachycardia Syndrome. <i>Journal of Pediatrics</i> , 2015, 166, 1385-1389.e2.	1.8	11
38	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
39	Erythrocytic Hydrogen Sulfide Production Is Increased in Children with Vasovagal Syncope. <i>Journal of Pediatrics</i> , 2015, 166, 965-969.	1.8	21
40	Down-regulated CBS/H ₂ S 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
41	Hydrogen Sulfide Suppresses Oxidized Low-density Lipoprotein (Ox-LDL)-stimulated Monocyte Chemoattractant Protein 1 generation from Macrophages via the Nuclear Factor κ B (NF- κ B) Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 9741-9753.	3.4	120
42	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
43	Risk Factors for Postural Tachycardia Syndrome in Children and Adolescents. <i>PLoS ONE</i> , 2014, 9, e113625.	2.5	39
44	Effect of endogenous sulfur dioxide in regulating cardiovascular oxidative stress. <i>Histology and Histopathology</i> , 2014, 29, 1107-11.	0.7	12
45	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
46	Endogenous generation of sulfur dioxide in rat tissues. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 61-67.	2.1	124
47	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
48	Effects of sulfur dioxide on hypoxic pulmonary vascular structural remodeling. <i>Laboratory Investigation</i> , 2010, 90, 68-82.	3.7	85
49	Hydrogen Sulfide Attenuates Hyperhomocysteinemia-Induced Cardiomyocytic Endoplasmic Reticulum Stress in Rats. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1079-1091.	5.4	92
50	Endogenous Sulfur Dioxide Aggravates Myocardial Injury in Isolated Rat Heart With Ischemia and Reperfusion. <i>Transplantation</i> , 2009, 87, 517-524.	1.0	36
51	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
52	RE-TREATMENT AND RISK FACTORS OF REFRACTORY KAWASAKI DISEASE. <i>Pediatrics</i> , 2008, 121, S161.2-S161.	2.1	0
53	The possible role of hydrogen sulfide as a smooth muscle cell proliferation inhibitor in rat cultured cells. <i>Heart and Vessels</i> , 2004, 19, 75-80.	1.2	166
54	The possible role of hydrogen sulfide on the pathogenesis of spontaneous hypertension in rats. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 22-27.	2.1	305

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55	Interaction between endogenous nitric oxide and carbon monoxide in the pathogenesis of hypoxic pulmonary hypertension. <i>Science Bulletin</i> , 2003, 48, 86-90.	1.7	0
56	The role of hydrogen sulfide generation in the pathogenesis of hypertension in rats induced by inhibition of nitric oxide synthase. <i>Journal of Hypertension</i> , 2003, 21, 1879-1885.	0.5	219
57	Urotensin II increases endothelin production by vascular smooth muscle cells in rats. <i>Science Bulletin</i> , 2002, 47, 1007-1010.	1.7	1