

Yaqian Huang

List of Publications by Year in descending order

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31
papers

916
citations

430874

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docs citations

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794
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#	ARTICLE	IF	CITATIONS
1	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
2	Hydrogen sulfide and vascular regulation – An update. <i>Journal of Advanced Research</i> , 2021, 27, 85-97.	9.5	79
3	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
4	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
5	Hydrogen sulfide upregulates KATP channel expression in vascular smooth muscle cells of spontaneously hypertensive rats. <i>Journal of Molecular Medicine</i> , 2015, 93, 439-455.	3.9	56
6	The Increased Endogenous Sulfur Dioxide Acts as a Compensatory Mechanism for the Downregulated Endogenous Hydrogen Sulfide Pathway in the Endothelial Cell Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 882.	4.8	50
7	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
8	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
9	Sulfur Dioxide: Endogenous Generation, Biological Effects, Detection, and Therapeutic Potential. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 256-274.	5.4	34
10	Endogenous sulfur dioxide alleviates collagen remodeling via inhibiting TGF- β 2/Smad pathway in vascular smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 19503.	3.3	33
11	Endogenous hydrogen sulfide sulphydrates I κ B α at cysteine 179 to control pulmonary artery endothelial cell inflammation. <i>Clinical Science</i> , 2019, 133, 2045-2059.	4.3	32
12	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
13	Mechanical stretching stimulates collagen synthesis via down-regulating SO ₂ /AAT1 pathway. <i>Scientific Reports</i> , 2016, 6, 21112.	3.3	23
14	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
15	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
16	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
17	Endogenous sulfur dioxide is a novel adipocyte-derived inflammatory inhibitor. <i>Scientific Reports</i> , 2016, 6, 27026.	3.3	21
18	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

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19	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
20	Macrophage-derived sulfur dioxide is a novel inflammation regulator. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 916-922.	2.1	16
21	Endogenous Sulfur Dioxide Inhibits Vascular Calcification in Association with the TGF- β 2/Smad Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 266.	4.1	15
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Role of hydrogen sulfide in sulfur dioxide production and vascular regulation. <i>PLoS ONE</i> , 2022, 17, e0264891.	2.5	4
31	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