Jin-song Bian

List of Publications by Year
in descending order

148 papers	9,783 citations	30070 54 h-index	39675 94 g-index
157 all docs	157 docs citations	157 times ranked	9578 citing authors

#	Article	IF	Citations
1	Role of Na+/K+-ATPase in ischemic stroke: in-depth perspectives from physiology to pharmacology. Journal of Molecular Medicine, 2022, 100, 395-410.	3.9	9
2	Therapeutic potential of gasotransmitters for cold stress-related cardiovascular disease. Frigid Zone Medicine, 2022, 2, 10-24.	0.3	0
3	Therapeutic potential of carbon monoxide in hypertension-induced vascular smooth muscle cell damage revisited: From physiology and pharmacology. Biochemical Pharmacology, 2022, 199, 115008.	4.4	5
4	Implications of hydrogen sulfide in liver pathophysiology: Mechanistic insights and therapeutic potential. Journal of Advanced Research, 2021, 27, 127-135.	9.5	53
5	Polysulfide-mediated sulfhydration of SIRT1 prevents diabetic nephropathy by suppressing phosphorylation and acetylation of p65 NF-ÎºB and STAT3. Redox Biology, 2021, 38, 101813.	9.0	99
6	Acute acrylonitrile exposure inhibits endogenous H2S biosynthesis in rat brain and liver: The role of CBS/3-MPST-H2S pathway in its astrocytic toxicity. Toxicology, 2021, 451, 152685.	4.2	8
7	Role of Hydrogen Sulfide and Polysulfides in Neurological Diseases: Focus on Protein S-Persulfidation. Current Neuropharmacology, 2021, 19, 868-884.	2.9	28
8	Highly recurrent CBS epimutations in gastric cancer CpG island methylator phenotypes and inflammation. Genome Biology, 2021, 22, 167.	8.8	10
9	Anti-Inflammation Activity of Flavones and Their Structureâ€“Activity Relationship. Journal of Agricultural and Food Chemistry, 2021, 69, 7285-7302.	5.2	50
10	H2S Donor and Bone Metabolism. Frontiers in Pharmacology, 2021, 12, 661601.	3.5	14
11	The Role of H2S in the Metabolism of Glucose and Lipids. Advances in Experimental Medicine and Biology, 2021, 1315, 51-66.	1.6	2
12	Antiâ€“Na ⁺ /K ⁺ -ATPase immunotherapy ameliorates Î±-synuclein pathology through activation of Na ⁺ /K ⁺ -ATPase Î±1â€“dependent autophagy. Science Advances, 2021, 7, .	10.3	19
13	Three-Dimensional RAW264.7 Cell Model on Electrohydrodynamic Printed Poly(Îµ-Caprolactone) Scaffolds for In Vitro Study of Anti-Inflammatory Compounds. ACS Applied Bio Materials, 2021, 4, 7967-7978.	4.6	4
14	An Updated Insight Into Molecular Mechanism of Hydrogen Sulfide in Cardiomyopathy and Myocardial Ischemia/Reperfusion Injury Under Diabetes. Frontiers in Pharmacology, 2021, 12, 651884.	3.5	18
15	Nitroxyl as a Potential Theranostic in the Cancer Arena. Antioxidants and Redox Signaling, 2020, 32, 331-349.	5.4	15
16	Therapeutic potential of sulfur-containing natural products in inflammatory diseases. , 2020, 216, 107687.		27
17	Inhibition of endogenous hydrogen sulfide biosynthesis enhances the anti-cancer effect of 3,3â€²-diindolylmethane in human gastric cancer cells. Life Sciences, 2020, 261, 118348.	4.3	19
18	Periostin. Circulation Research, 2020, 127, 1138-1152.	4.5	34

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19	Polysulfide and Hydrogen Sulfide Ameliorate Cisplatin-Induced Nephrotoxicity and Renal Inflammation through Persulfidating STAT3 and IKKÎ². International Journal of Molecular Sciences, 2020, 21, 7805.	4.1	18
20	Role of nitroxyl (HNO) in cardiovascular system: From biochemistry to pharmacology. Pharmacological Research, 2020, 159, 104961.	7.1	18
21	Na+/K+-ATPase-dependent autophagy protects brain against ischemic injury. Signal Transduction and Targeted Therapy, 2020, 5, 55.	17.1	13
22	DR-region of Na⁺/K⁺-ATPase is a target to ameliorate hepatic insulin resistance in obese diabetic mice. Theranostics, 2020, 10, 6149-6166.	10.0	8
23	Induction of caveolin-3/eNOS complex by nitroxyl (HNO) ameliorates diabetic cardiomyopathy. Redox Biology, 2020, 32, 101493.	9.0	25
24	Loss of a Negative Feedback Loop between IRF8 and AR Promotes Prostate Cancer Growth and Enzalutamide Resistance. Cancer Research, 2020, 80, 2927-2939.	0.9	13
25	A Review of Hydrogen Sulfide Synthesis, Metabolism, and Measurement: Is Modulation of Hydrogen Sulfide a Novel Therapeutic for Cancer?. Antioxidants and Redox Signaling, 2019, 31, 1-38.	5.4	293
26	Hydrogen Sulfide: Recent Progression and Perspectives for the Treatment of Diabetic Nephropathy. Molecules, 2019, 24, 2857.	3.8	68
27	Stimulation of Na⁺/K⁺-ATPase with an Antibody against Its 4thExtracellular Region Attenuates Angiotensin II-Induced H9c2 Cardiomyocyte Hypertrophy via an AMPK/SIRT3/PPARÎ³Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	18
28	Hydrogen Sulfide Prevents Elastin Loss and Attenuates Calcification Induced by High Glucose in Smooth Muscle Cells through Suppression of Stat3/Cathepsin S Signaling Pathway. International Journal of Molecular Sciences, 2019, 20, 4202.	4.1	38
29	Yin Yang 1 Suppresses Dilated Cardiomyopathy and Cardiac Fibrosis Through Regulation of Bmp7 and Ctgf. Circulation Research, 2019, 125, 834-846.	4.5	34
30	Protective Smell of Hydrogen Sulfide and Polysulfide in Cisplatin-Induced Nephrotoxicity. International Journal of Molecular Sciences, 2019, 20, 313.	4.1	26
31	DR-region of Na+/K+ ATPase is a target to treat excitotoxicity and stroke. Cell Death and Disease, 2019, 10, 6.	6.3	27
32	Role of Endothelial Dysfunction in Cardiovascular Diseases: The Link Between Inflammation and Hydrogen Sulfide. Frontiers in Pharmacology, 2019, 10, 1568.	3.5	300
33	A New Hope for a Devastating Disease: Hydrogen Sulfide in Parkinsonâ€™s Disease. Molecular Neurobiology, 2018, 55, 3789-3799.	4.0	58
34	Depression promotes prostate cancer invasion and metastasis via a sympathetic-cAMP-FAK signaling pathway. Oncogene, 2018, 37, 2953-2966.	5.9	49
35	Renal protective effect of polysulfide in cisplatin-induced nephrotoxicity. Redox Biology, 2018, 15, 513-521.	9.0	56
36	CCL5 deficiency rescues pulmonary vascular dysfunction, and reverses pulmonary hypertension via caveolin-1-dependent BMPR2 activation. Journal of Molecular and Cellular Cardiology, 2018, 116, 41-56.	1.9	35

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37	Renal Protective Effect of Hydrogen Sulfide in Cisplatin-Induced Nephrotoxicity. Antioxidants and Redox Signaling, 2018, 29, 455-470.	5.4	31
38	Activation of autophagic flux and the Nrf2/ARE signaling pathway by hydrogen sulfide protects against acrylonitrile-induced neurotoxicity in primary rat astrocytes. Archives of Toxicology, 2018, 92, 2093-2108.	4.2	51
39	A near infrared singlet oxygen probe and its applications in in vivo imaging and measurement of singlet oxygen quenching activity of flavonoids. Sensors and Actuators B: Chemical, 2018, 266, 645-654.	7.8	23
40	Chronic stress promotes colitis by disturbing the gut microbiota and triggering immune system response. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2960-E2969.	7.1	261
41	The role of hydrogen sulfide in cyclic nucleotide signaling. Biochemical Pharmacology, 2018, 149, 20-28.	4.4	31
42	Impaired CBS-H2S signaling axis contributes to MPTP-induced neurodegeneration in a mouse model of Parkinsonâ€™s disease. Brain, Behavior, and Immunity, 2018, 67, 77-90.	4.1	45
43	DR region of Na+-K+-ATPase is a new target to protect heart against oxidative injury. Scientific Reports, 2018, 8, 13100.	3.3	14
44	Potential role of genipin in cancer therapy. Pharmacological Research, 2018, 133, 195-200.	7.1	98
45	Formononetin-induced oxidative stress abrogates the activation of STAT3/5 signaling axis and suppresses the tumor growth in multiple myeloma preclinical model. Cancer Letters, 2018, 431, 123-141.	7.2	148
46	Zein Increases the Cytoaffinity and Biodegradability of Scaffolds 3D-Printed with Zein and Poly(Îµ-caprolactone) Composite Ink. ACS Applied Materials & Interfaces, 2018, 10, 18551-18559.	8.0	60
47	Hydrogen sulfide inhibits ATP-induced neuroinflammation and AÎ²1â€“42 synthesis by suppressing the activation of STAT3 and cathepsin S. Brain, Behavior, and Immunity, 2018, 73, 603-614.	4.1	39
48	Antioxidant response elements: Discovery, classes, regulation and potential applications. Redox Biology, 2018, 17, 297-314.	9.0	324
49	Immunization with Na+/K+ ATPase DR peptide prevents bone loss in an ovariectomized rat osteoporosis model. Biochemical Pharmacology, 2018, 156, 281-290.	4.4	7
50	The Interaction of NO and H2S Signaling Systems in Biology and Medicine. 2-Oxoglutarate-Dependent Oxygenases, 2018, , 145-160.	0.8	2
51	Hydrogen sulfide reduces RAGE toxicity through inhibition of its dimer formation. Free Radical Biology and Medicine, 2017, 104, 262-271.	2.9	33
52	Exclusion of alternative exon 33 of Ca _V 1.2 calcium channels in heart is proarrhythmogenic. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4288-E4295.	7.1	28
53	Cyclic polysulphide 1,2,4-trithiolane from stinky bean (Parkia speciosa seeds) is a slow releasing hydrogen sulphide (H2S) donor. Journal of Functional Foods, 2017, 35, 197-204.	3.4	14
54	APOBEC3B and IL-6 form a positive feedback loop in hepatocellular carcinoma cells. Science China Life Sciences, 2017, 60, 617-626.	4.9	16

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55	Combination of sorafenib and enzalutamide as a potential new approach for the treatment of castration-resistant prostate cancer. Cancer Letters, 2017, 385, 108-116.	7.2	15
56	The New Synthetic H2S-Releasing SDSS Protects MC3T3-E1 Osteoblasts against H2O2-Induced Apoptosis by Suppressing Oxidative Stress, Inhibiting MAPKs, and Activating the PI3K/Akt Pathway. Frontiers in Pharmacology, 2017, 08, 07.	3.5	36
57	Opioid Dependence and the Adenylyl Cyclase/cAMP Signaling. , 2016, , 449-456.		1
58	Hydrogen Sulfide: Biogenesis, Physiology, and Pathology. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-2.	4.0	23
59	Interaction of Hydrogen Sulfide with Nitric Oxide in the Cardiovascular System. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-16.	4.0	121
60	Hydrogen Sulfide and Cellular Redox Homeostasis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	4.0	172
61	The Role of Hydrogen Sulfide in Renal System. Frontiers in Pharmacology, 2016, 7, 385.	3.5	90
62	HNO suppresses LPS-induced inflammation in BV-2 microglial cells via inhibition of NF-Î²B and p38 MAPK pathways. Pharmacological Research, 2016, 111, 885-895.	7.1	34
63	Combretastatin A-1 phosphate, a microtubule inhibitor, acts on both hepatocellular carcinoma cells and tumor-associated macrophages by inhibiting the Wnt/Î²-catenin pathway. Cancer Letters, 2016, 380, 134-143.	7.2	41
64	Neuroprotective Effects of Hydrogen Sulfide in Parkinson's Disease Animal Models. Methods in Enzymology, 2015, 554, 169-186.	1.0	24
65	Brain, Learning, and Memory: Role of H2S in Neurodegenerative Diseases. Handbook of Experimental Pharmacology, 2015, 230, 193-215.	1.8	61
66	Hydrogen sulfide protects testicular germ cells against heat-induced injury. Nitric Oxide - Biology and Chemistry, 2015, 46, 165-171.	2.7	24
67	Hydrogen Sulfide Inhibits A2A Adenosine Receptor Agonist Induced Î²-Amyloid Production in SH-SY5Y Neuroblastoma Cells via a cAMP Dependent Pathway. PLoS ONE, 2014, 9, e88508.	2.5	40
68	Hydrogen sulfide inhibits opioid withdrawal-induced pain sensitization in rats by down-regulation of spinal calcitonin gene-related peptide expression in the spine. International Journal of Neuropsychopharmacology, 2014, 17, 1387-1395.	2.1	15
69	Hydrogen Sulfide Attenuates Opioid Dependence by Suppression of Adenylate Cyclase/cAMP Pathway. Antioxidants and Redox Signaling, 2014, 20, 31-41.	5.4	32
70	Hydrogen Sulfide Prevents Heart Failure Development via Inhibition of Renin Release from Mast Cells in Isoproterenol-Treated Rats. Antioxidants and Redox Signaling, 2014, 20, 759-769.	5.4	55
71	Hydrogen Sulfide: A Neuromodulator and Neuroprotectant in the Central Nervous System. ACS Chemical Neuroscience, 2014, 5, 876-883.	3.5	169
72	Sulfhydration of p66Shc at Cysteine59 Mediates the Antioxidant Effect of Hydrogen Sulfide. Antioxidants and Redox Signaling, 2014, 21, 2531-2542.	5.4	109

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73	Hydrogen sulfide protects SH-SY5Y neuronal cells against d-galactose induced cell injury by suppression of advanced glycation end products formation and oxidative stress. Neurochemistry International, 2013, 62, 603-609.	3.8	63
74	Antiâ€allergic action of antiâ€malarial drug artesunate in experimental mast cellâ€mediated anaphylactic models. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 195-203.	5.7	53
75	Therapeutic Effect of Hydrogen Sulfide-Releasing L-Dopa Derivative ACS84 on 6-OHDA-Induced Parkinsonâ€™s Disease Rat Model. PLoS ONE, 2013, 8, e60200.	2.5	56
76	Hydrogen Sulfide: Physiological and Pathophysiological Functions. , 2013, , 127-156.		0
77	Hydrogen sulfide regulates cAMP homeostasis and renin degranulation in As4.1 and rat renin-rich kidney cells. American Journal of Physiology - Cell Physiology, 2012, 302, C59-C66.	4.6	36
78	Hydrogen sulfide protects SH-SY5Y cells against 6-hydroxydopamine-induced endoplasmic reticulum stress. American Journal of Physiology - Cell Physiology, 2012, 303, C81-C91.	4.6	53
79	The Neuroprotection of Hydrogen Sulfide Against MPTP-Induced Dopaminergic Neuron Degeneration Involves Uncoupling Protein 2 Rather Than ATP-Sensitive Potassium Channels. Antioxidants and Redox Signaling, 2012, 17, 849-859.	5.4	81
80	Hydrogen Sulfide in the Mammalian Cardiovascular System. Antioxidants and Redox Signaling, 2012, 17, 141-185.	5.4	225
81	H(2)S-Releasing Aspirin Protects against Aspirin-Induced Gastric Injury via Reducing Oxidative Stress. PLoS ONE, 2012, 7, e46301.	2.5	39
82	Regulation of Heart Function by Endogenous Gaseous Mediatorsâ€”Crosstalk Between Nitric Oxide and Hydrogen Sulfide. Antioxidants and Redox Signaling, 2011, 14, 2081-2091.	5.4	92
83	Air Oxidation of HSâ€“Catalyzed by An Mixed-Valence Diruthenium Complex, an Near-IR Probe for HSâ€“Detection. Inorganic Chemistry, 2011, 50, 7379-7381.	4.0	8
84	Hydrogen Sulfide Protects Amyloid-Î² Induced Cell Toxicity in Microglia. Journal of Alzheimer's Disease, 2011, 22, 1189-1200.	2.6	58
85	Hydrogen Sulfide: Neurophysiology and Neuropathology. Antioxidants and Redox Signaling, 2011, 15, 405-419.	5.4	182
86	ACS84, a novel hydrogen sulfide-releasing compound, protects against amyloid Î²-induced cell cytotoxicity. Neurochemistry International, 2011, 58, 591-598.	3.8	23
87	H2S releasing aspirin protects amyloid beta induced cell toxicity in BV-2 microglial cells. Neuroscience, 2011, 193, 80-88.	2.3	20
88	Hydrogen Sulfide. Journal of Cardiovascular Pharmacology, 2011, 58, 560-569.	1.9	53
89	Role of protein kinase C in caerulein induced expression of substance P and neurokininâ€1â€receptors in murine pancreatic acinar cells. Journal of Cellular and Molecular Medicine, 2011, 15, 2139-2149.	3.6	12
90	Cardioprotective effects of epigallocatechin-3-gallate against doxorubicin-induced cardiomyocyte injury. European Journal of Pharmacology, 2011, 652, 82-88.	3.5	55

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91	Hydrogen sulfide gas has cell growth regulatory role. European Journal of Pharmacology, 2011, 656, 5-9.	3.5	109
92	Hydrogen sulfide protects MC3T3-E1 osteoblastic cells against H2O2-induced oxidative damageâ€"implications for the treatment of osteoporosis. Free Radical Biology and Medicine, 2011, 50, 1314-1323.	2.9	157
93	Cardioprotection induced by Na+/K+-ATPase activation involves extracellular signal-regulated kinase 1/2 and phosphoinositide 3-kinase/Akt pathway. Cardiovascular Research, 2011, 89, 51-59.	3.8	35
94	Hydrogen sulfide and renal ischemia. Expert Review of Clinical Pharmacology, 2011, 4, 49-61.	3.1	11
95	Hydrogen Sulfide Regulates Na⁺/H⁺ Exchanger Activity via Stimulation of Phosphoinositide 3-Kinase/Akt and Protein Kinase G Pathways. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 726-735.	2.5	24
96	Progesterone Impairs Human Ether-a-go-go-related Gene (HERG) Trafficking by Disruption of Intracellular Cholesterol Homeostasis. Journal of Biological Chemistry, 2011, 286, 22186-22194.	3.4	36
97	Protective effect of hydrogen sulphide against 6â€OHDAâ€induced cell injury in SHâ€SY5Y cells involves PKC/PI3K/Akt pathway. British Journal of Pharmacology, 2010, 161, 467-480.	5.4	94
98	Neuroprotective effects of andrographolide in a rat model of permanent cerebral ischaemia. British Journal of Pharmacology, 2010, 161, 668-679.	5.4	118
99	Neuroprotective effects of hydrogen sulfide on Parkinsonâ€™s disease rat models. Aging Cell, 2010, 9, 135-146.	6.7	311
100	Post-Transcriptional Control of Human Ether-a-go-go-Related Gene Potassium Channel Protein by Î±-Adrenergic Receptor Stimulation. Molecular Pharmacology, 2010, 78, 186-197.	2.3	20
101	Bicarbonate-dependent effect of hydrogen sulfide on vascular contractility in rat aortic rings. American Journal of Physiology - Cell Physiology, 2010, 299, C866-C872.	4.6	34
102	Hydrogen sulfide interacts with nitric oxide in the heart: possible involvement of nitroxyl. Cardiovascular Research, 2010, 88, 482-491.	3.8	118
103	Hydrogen Sulfide Inhibits Plasma Renin Activity. Journal of the American Society of Nephrology: JASN, 2010, 21, 993-1002.	6.1	151
104	Hydrogen sulfide: A novel signaling molecule in the central nervous system. Neurochemistry International, 2010, 56, 3-10.	3.8	208
105	Effect of hydrogen sulfide on intracellular calcium homeostasis in neuronal cells. Neurochemistry International, 2010, 56, 508-515.	3.8	81
106	Hydrogen sulfide regulates intracellular pH in rat primary cultured glia cells. Neuroscience Research, 2010, 66, 92-98.	1.9	44
107	Hydrogen sulfide protects neurons against hypoxic injury via stimulation of ATP-sensitive potassium channel/protein kinase C/extracellular signal-regulated kinase/heat shock protein90 pathway. Neuroscience, 2010, 167, 277-286.	2.3	105
108	Hydrogen Sulfide Inhibits Rotenone-Induced Apoptosis via Preservation of Mitochondrial Function. Molecular Pharmacology, 2009, 75, 27-34.	2.3	215

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109	All in the timing: A comparison between the cardioprotection induced by H2S preconditioning and post-infarction treatment. European Journal of Pharmacology, 2009, 616, 160-165.	3.5	38
110	PKA phosphorylation of HERG protein regulates the rate of channel synthesis. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1244-H1254.	3.2	34
111	Cyclooxygenase-2 mediates the delayed cardioprotection induced by hydrogen sulfide preconditioning in isolated rat cardiomyocytes. Pflugers Archiv European Journal of Physiology, 2008, 455, 971-978.	2.8	52
112	Hydrogen sulfide protects astrocytes against H2O2-induced neural injury via enhancing glutamate uptake. Free Radical Biology and Medicine, 2008, 45, 1705-1713.	2.9	170
113	Hydrogen sulfide: Neurochemistry and neurobiology. Neurochemistry International, 2008, 52, 155-165.	3.8	230
114	Hydrogen sulphide in the hypothalamus causes an ATP-sensitive K+ channel-dependent decrease in blood pressure in freely moving rats. Neuroscience, 2008, 152, 169-177.	2.3	87
115	Negative regulation of Î²-adrenergic function by hydrogen sulphide in the rat hearts. Journal of Molecular and Cellular Cardiology, 2008, 44, 701-710.	1.9	81
116	Hydrogen sulphide regulates beta-adrenergic function by inhibition of cAMP/PKA pathway in rat cardiac myocytes. Journal of Molecular and Cellular Cardiology, 2008, 44, 777.	1.9	0
117	The unique protection of H2S preconditioning against myocardial infarction: evidence from a comparison study between H2S preconditioning and post-treatment. Journal of Molecular and Cellular Cardiology, 2008, 45, S14-S15.	1.9	0
118	Vasoconstrictive effect of hydrogen sulfide involves downregulation of cAMP in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2008, 295, C1261-C1270.	4.6	96
119	Endogenous hydrogen sulphide mediates the cardioprotection induced by ischemic postconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1330-H1340.	3.2	112
120	H₂S preconditioning-induced PKC activation regulates intracellular calcium handling in rat cardiomyocytes. American Journal of Physiology - Cell Physiology, 2008, 294, C169-C177.	4.6	106
121	Stimulation of N-Terminal Truncated Isoform of Androgen Receptor Stabilizes Human Ether-aÌ•go-go-Related Gene-Encoded Potassium Channel Protein via Activation of Extracellular Signal Regulated Kinase 1/2. Endocrinology, 2008, 149, 5061-5069.	2.8	24
122	Cyclooxygenase-2 mediates the cardioprotection of hydrogen sulfide preconditioning in rat cardiac myocytes. Journal of Molecular and Cellular Cardiology, 2007, 42, S172.	1.9	0
123	Hydrogen sulphide regulates intracellular pH in vascular smooth muscle cells. Biochemical and Biophysical Research Communications, 2007, 358, 1142-1147.	2.1	100
124	Hydrogen sulfide attenuates lipopolysaccharideâ€induced inflammation by inhibition of p38 mitogenâ€activated protein kinase in microglia. Journal of Neurochemistry, 2007, 100, 1121-1128.	3.9	278
125	Phosphatidylinositol 4,5-bisphosphate interactions with the HERG K+ channel. Pflugers Archiv European Journal of Physiology, 2007, 455, 105-113.	2.8	39
126	Cardioprotection induced by hydrogen sulfide preconditioning involves activation of ERK and PI3K/Akt pathways. Pflugers Archiv European Journal of Physiology, 2007, 455, 607-616.	2.8	161

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127	Role of Hydrogen Sulfide in the Cardioprotection Caused by Ischemic Preconditioning in the Rat Heart and Cardiac Myocytes. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 670-678.	2.5	244
128	Endogenous hydrogen sulfide contributes to the cardioprotection by metabolic inhibition preconditioning in the rat ventricular myocytes. Journal of Molecular and Cellular Cardiology, 2006, 40, 119-130.	1.9	178
129	Hydrogen sulphide regulates calcium homeostasis in microglial cells. Glia, 2006, 54, 116-124.	4.9	138
130	Topotecan Is a Substrate for Multidrug Resistance Associated Protein 4. Current Drug Metabolism, 2006, 7, 105-118.	1.2	75
131	Pharmacokinetic Mechanisms for Reduced Toxicity of Irinotecan by Coadministered Thalidomide. Current Drug Metabolism, 2006, 7, 431-454.	1.2	10
132	A Mechanistic Study on Reduced Toxicity of Irinotecan by Coadministered Thalidomide, a Tumor Necrosis Factor-Î± Inhibitor. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 82-104.	2.5	33
133	A Mechanistic Study of the Intestinal Absorption of Cryptotanshinone, the Major Active Constituent ofSalvia miltiorrhiza. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1285-1294.	2.5	86
134	Human Multidrug Resistance Associated Protein 4 Confers Resistance to Camptothecins. Pharmaceutical Research, 2005, 22, 1837-1853.	3.5	127
135	Human Multidrug Resistance Associated Protein 4 Confers Resistance to Camptothecins. Pharmaceutical Research, 2005, 22, 1837.	3.5	6
136	An LQT mutant minK alters KvLQT1 trafficking. American Journal of Physiology - Cell Physiology, 2004, 286, C1453-C1463.	4.6	70
137	Molecular analysis of PIP2 regulation of HERG and IKr. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2154-H2163.	3.2	66
138	CaT1 Contributes to the Stores-operated Calcium Current in Jurkat T-lymphocytes. Journal of Biological Chemistry, 2002, 277, 47175-47183.	3.4	77
139	Role of protein kinase C-epsilon in the development of Îº-opioid receptor tolerance to U50,488H in rat ventricular myocytes. British Journal of Pharmacology, 2002, 135, 1675-1684.	5.4	8
140	HERG K ⁺ Channel Activity Is Regulated by Changes in Phosphatidyl Inositol 4,5-Bisphosphate. Circulation Research, 2001, 89, 1168-1176.	4.5	129
141	Impaired [Ca²⁺]_iand pH_iresponses to Îº-opioid receptor stimulation in the heart of chronically hypoxic rats. American Journal of Physiology - Cell Physiology, 2000, 279, C1483-C1494.	4.6	11
142	Îº -Opioid Receptor Stimulation Induces Arrhythmia in the Isolated Rat Heart via the Protein Kinase C/Na+â€“H+Exchange Pathway. Journal of Molecular and Cellular Cardiology, 2000, 32, 1415-1427.	1.9	32
143	Acidosis antagonizes intracellular calcium response to Îº-opioid receptor stimulation in the rat heart. American Journal of Physiology - Cell Physiology, 1999, 277, C492-C500.	4.6	7
144	PRO- AND ANTI-ARRHYTHMIC EFFECTS OF A kappa OPIOID RECEPTOR AGONIST: A MODEL FOR THE BIPHASIC ACTION OF A LOCAL HORMONE IN THE HEART. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 842-844.	1.9	13

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145	Effects of U50488 and Bremazocine on [Ca2+]iand cAMP in Naive and Tolerant Rat Ventricular Myocytes: Evidence of Kappa Opioid Receptor Multiplicity in the Heart. Journal of Molecular and Cellular Cardiology, 1999, 31, 355-362.	1.9	10
146	Effects of Î¹-opioid receptor stimulation in the heart and the involvement of protein kinase C. British Journal of Pharmacology, 1998, 124, 600-606.	5.4	33
147	Phospholipase C Inhibitors Attenuate Arrhythmias Induced byÎ¹-receptor Stimulation in the Isolated Rat Heart. Journal of Molecular and Cellular Cardiology, 1998, 30, 2103-2110.	1.9	29
148	Editorial: Hydrogen sulfide: Physiology, Pharmacology and Toxicology, Volume II. Frontiers in Pharmacology, 0, 13, .	3.5	0