

Rui Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9012363/rui-wang-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254 papers	22,886 citations	70 h-index	146 g-index
273 ext. papers	25,176 ext. citations	6.6 avg, IF	7.4 L-index

#	Paper	IF	Citations
254	Host cystathionine-lyase derived hydrogen sulfide protects against <i>Pseudomonas aeruginosa</i> sepsis. <i>PLoS Pathogens</i> , 2021 , 17, e1009473	7.6	2
253	Dietary restriction transforms the mammalian protein persulfidome in a tissue-specific and cystathionine lyase-dependent manner. <i>Nature Communications</i> , 2021 , 12, 1745	17.4	16
252	Cystathionine gamma-lyase/H ₂ S signaling facilitates myogenesis under aging and injury condition. <i>FASEB Journal</i> , 2021 , 35, e21511	0.9	2
251	Interaction among estrogen, IGF-1, and H ₂ S on smooth muscle cell proliferation. <i>Journal of Endocrinology</i> , 2021 , 248, 17-30	4.7	4
250	Effect of hydrogen sulfide on glycolysis-based energy production in mouse erythrocytes. <i>Journal of Cellular Physiology</i> , 2021 ,	7	1
249	Signaling integration of hydrogen sulfide and iron on cellular functions. <i>Antioxidants and Redox Signaling</i> , 2021 ,	8.4	4
248	HS-stimulated bioenergetics in chicken erythrocytes and the underlying mechanism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 319, R69-R78	3.2	6
247	Hydrogen sulfide dysregulates the immune response by suppressing central carbon metabolism to promote tuberculosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6663-6674	11.5	25
246	Cystathionine gamma-lyase/HS system suppresses hepatic acetyl-CoA accumulation and nonalcoholic fatty liver disease in mice. <i>Life Sciences</i> , 2020 , 252, 117661	6.8	13
245	Golgi Stress Response, Hydrogen Sulfide Metabolism, and Intracellular Calcium Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 583-601	8.4	18
244	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. <i>Antioxidants</i> , 2020 , 9,	7.1	6
243	Cystathionine-lyase (CSE) deficiency increases erythropoiesis and promotes mitochondrial electron transport via the upregulation of coproporphyrinogen III oxidase and consequent stimulation of heme biosynthesis. <i>Biochemical Pharmacology</i> , 2019 , 169, 113604	6	7
242	Non-enzymatic hydrogen sulfide production from cysteine in blood is catalyzed by iron and vitamin B. <i>Communications Biology</i> , 2019 , 2, 194	6.7	69
241	ATP-sensitive K channels and mitochondrial permeability transition pore mediate effects of hydrogen sulfide on cytosolic Ca homeostasis and insulin secretion in β cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2019 , 471, 1551-1564	4.6	8
240	Hydrogen sulfide regulates cardiac mitochondrial biogenesis via the activation of AMPK. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 116, 29-40	5.8	47
239	The interaction of IGF-1/IGF-1R and hydrogen sulfide on the proliferation of mouse primary vascular smooth muscle cells. <i>Biochemical Pharmacology</i> , 2018 , 149, 143-152	6	26
238	Amino Acid Restriction Triggers Angiogenesis via GCN2/ATF4 Regulation of VEGF and HS Production. <i>Cell</i> , 2018 , 173, 117-129.e14	56.2	144

237	Hydrogen Sulfide As a Potential Target in Preventing Spermatogenic Failure and Testicular Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 1447-1462	8.4	24
236	Reversal of Sp1 transactivation and TGF β /SMAD1 signaling by HS prevent nickel-induced fibroblast activation. <i>Toxicology and Applied Pharmacology</i> , 2018 , 356, 25-35	4.6	13
235	Chapter 5:Production and Signaling Functions of Ammonia in Mammalian Cells. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2018 , 101-144	1.8	2
234	Chapter 1:Overview of Gasotransmitters and the Related Signaling Network. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2018 , 1-28	1.8	5
233	Cystathionine gamma-lyase/hydrogen sulfide system is essential for adipogenesis and fat mass accumulation in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 165-176	5	31
232	HS protects lipopolysaccharide-induced inflammation by blocking NF κ B transactivation in endothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2018 , 338, 20-29	4.6	31
231	Endogenous HS production deficiencies lead to impaired renal erythropoietin production. <i>Canadian Urological Association Journal</i> , 2018 , E210-E219	1.2	11
230	Efflux inhibition by HS confers sensitivity to doxorubicin-induced cell death in liver cancer cells. <i>Life Sciences</i> , 2018 , 213, 116-125	6.8	13
229	The interaction of estrogen and CSE/HS pathway in the development of atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H406-H414	5.2	32
228	Age-Dependent Allergic Asthma Development and Cystathionine Gamma-Lyase Deficiency. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 931-944	8.4	15
227	Calcium sensing receptor protects high glucose-induced energy metabolism disorder via blocking gp78-ubiquitin proteasome pathway. <i>Cell Death and Disease</i> , 2017 , 8, e2799	9.8	20
226	Impact of hyperglycemia on cystathionine-lyase expression during resuscitated murine septic shock. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 30	3.7	8
225	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. <i>Cell Metabolism</i> , 2017 , 25, 1320-1333	11.65	56
224	Microvascular Endothelial Dysfunction in Obesity Is Driven by Macrophage-Dependent Hydrogen Sulfide Depletion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 889-899	9.4	34
223	Cardiovascular disease and resuscitated septic shock lead to the downregulation of the HS-producing enzyme cystathionine-lyase in the porcine coronary artery. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 17	3.7	21
222	Dual effects of fructose on ChREBP and FoxO1/3 are responsible for AldoB up-regulation and vascular remodelling. <i>Clinical Science</i> , 2017 , 131, 309-325	6.5	6
221	Essential role of Cdc42 in cardiomyocyte proliferation and cell-cell adhesion during heart development. <i>Developmental Biology</i> , 2017 , 421, 271-283	3.1	17
220	Role of cystathionine-lyase in hypoxia-induced changes in TASK activity, intracellular [Ca] and ventilation in mice. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 246, 98-106	2.8	20

219	The Role of Cystathionine- γ -Lyase In Blunt Chest Trauma in Cigarette Smoke Exposed Mice. <i>Shock</i> , 2017 , 47, 491-499	3.4	12
218	Exogenous HS restores ischemic post-conditioning-induced cardioprotection through inhibiting endoplasmic reticulum stress in the aged cardiomyocytes. <i>Cell and Bioscience</i> , 2017 , 7, 67	9.8	11
217	3-Mercaptopyruvate Sulfurtransferase, Not Cystathionine γ -Synthase Nor Cystathionine γ -Lyase, Mediates Hypoxia-Induced Migration of Vascular Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2017 , 8, 657	5.6	16
216	SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 329-43	8.4	75
215	The novel H ₂ S donor 4-carboxy-phenyl isothiocyanate inhibits mast cell degranulation and renin release by decreasing intracellular calcium. <i>British Journal of Pharmacology</i> , 2016 , 173, 3222-3234	8.6	24
214	S-Sulfhydration of ATP synthase by hydrogen sulfide stimulates mitochondrial bioenergetics. <i>Pharmacological Research</i> , 2016 , 113, 116-124	10.2	109
213	Hydrogen Sulfide Regulates Kr μ pel-Like Factor 5 Transcription Activity via Specificity Protein 1 S-Sulfhydration at Cys664 to Prevent Myocardial Hypertrophy. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	43
212	Exogenous spermine inhibits the proliferation of human pulmonary artery smooth muscle cells caused by chemically-induced hypoxia via the suppression of the ERK1/2- and PI3K/AKT-associated pathways. <i>International Journal of Molecular Medicine</i> , 2016 , 37, 39-46	4.4	13
211	Transduction of interleukin-10 through renal artery attenuates vascular neointimal proliferation and infiltration of immune cells in rat renal allograft. <i>Immunology Letters</i> , 2016 , 176, 105-13	4.1	3
210	Hydrogen Sulfide Induced Erythropoietin Synthesis is Regulated by HIF Proteins. <i>Journal of Urology</i> , 2016 , 196, 251-60	2.5	14
209	Decreased Gluconeogenesis in the Absence of Cystathionine γ -Lyase and the Underlying Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 129-40	8.4	42
208	Hydrogen Sulfide Regulates the [Ca] ²⁺ Level in the Primary Medullary Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 2735347	6.7	7
207	Bach1 Induces Endothelial Cell Apoptosis and Cell-Cycle Arrest through ROS Generation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 6234043	6.7	37
206	Involvement of exogenous H ₂ S in recovery of cardioprotection from ischemic post-conditioning via increase of autophagy in the aged hearts. <i>International Journal of Cardiology</i> , 2016 , 220, 681-92	3.2	55
205	Stimulatory effect of CSE-generated H ₂ S on hepatic mitochondrial biogenesis and the underlying mechanisms. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 58, 67-76	5	37
204	Exogenous H ₂ S contributes to recovery of ischemic post-conditioning-induced cardioprotection by decrease of ROS level via down-regulation of NF- κ B and JAK2-STAT3 pathways in the aging cardiomyocytes. <i>Cell and Bioscience</i> , 2016 , 6, 26	9.8	34
203	Deficiency of cystathionine γ -lyase and hepatic cholesterol accumulation during mouse fatty liver development. <i>Science Bulletin</i> , 2015 , 60, 336-347	10.6	24
202	Bach1 Represses Wnt/ β -Catenin Signaling and Angiogenesis. <i>Circulation Research</i> , 2015 , 117, 364-375	15.7	78

201	H2S and Blood Vessels: An Overview. <i>Handbook of Experimental Pharmacology</i> , 2015 , 230, 85-110	3.2	54
200	The role of H2S bioavailability in endothelial dysfunction. <i>Trends in Pharmacological Sciences</i> , 2015 , 36, 568-78	13.2	106
199	Mediation of exogenous hydrogen sulfide in recovery of ischemic post-conditioning-induced cardioprotection via down-regulating oxidative stress and up-regulating PI3K/Akt/GSK-3 β pathway in isolated aging rat hearts. <i>Cell and Bioscience</i> , 2015 , 5, 11	9.8	43
198	Hydrogen sulfide-based therapeutics: exploiting a unique but ubiquitous gasotransmitter. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 329-45	64.1	482
197	Cystathionine γ -lyase regulates arteriogenesis through NO-dependent monocyte recruitment. <i>Cardiovascular Research</i> , 2015 , 107, 590-600	9.9	37
196	Exogenous hydrogen sulfide restores cardioprotection of ischemic post-conditioning via inhibition of mPTP opening in the aging cardiomyocytes. <i>Cell and Bioscience</i> , 2015 , 5, 43	9.8	30
195	Endogenous hydrogen sulfide production is essential for dietary restriction benefits. <i>Cell</i> , 2015 , 160, 132-44	56.2	331
194	Metabolic changes of H2S in smokers and patients of COPD which might involve in inflammation, oxidative stress and steroid sensitivity. <i>Scientific Reports</i> , 2015 , 5, 14971	4.9	27
193	Hydrogen sulfide protects from colitis and restores intestinal microbiota biofilm and mucus production. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 1006-17	4.5	106
192	Interaction of H2S with Calcium Permeable Channels and Transporters. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 323269	6.7	19
191	An Anticancer Role of Hydrogen Sulfide in Human Gastric Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 636410	6.7	16
190	Hydrogen Sulfide Donor GYY4137 Protects against Myocardial Fibrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 691070	6.7	56
189	Proresolution effects of hydrogen sulfide during colitis are mediated through hypoxia-inducible factor-1 α . <i>FASEB Journal</i> , 2015 , 29, 1591-602	0.9	39
188	Role of cGMP in hydrogen sulfide signaling. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 46, 7-13	5	32
187	Hydrogen sulfide and the liver. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 41, 62-71	5	108
186	Gasotransmitters: growing pains and joys. <i>Trends in Biochemical Sciences</i> , 2014 , 39, 227-32	10.3	197
185	Mediation of dopamine D2 receptors activation in post-conditioning-attenuated cardiomyocyte apoptosis. <i>Experimental Cell Research</i> , 2014 , 323, 118-130	4.2	20
184	S-sulfhydration of MEK1 leads to PARP-1 activation and DNA damage repair. <i>EMBO Reports</i> , 2014 , 15, 792-800	6.5	98

183	Involvement of calcium-sensing receptors in hypoxia-induced vascular remodeling and pulmonary hypertension by promoting phenotypic modulation of small pulmonary arteries. <i>Molecular and Cellular Biochemistry</i> , 2014 , 396, 87-98	4.2	24
182	H2S during circulatory shock: some unresolved questions. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 41, 48-61	5	47
181	H2S relaxes isolated human airway smooth muscle cells via the sarcolemmal K(ATP) channel. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 393-8	3.4	37
180	Hydrogen sulfide and the pathogenesis of atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 805-17	8.4	98
179	Hydrogen sulphide in human nasal air quantified using thermal desorption and selected ion flow tube mass spectrometry. <i>Journal of Breath Research</i> , 2014 , 8, 036002	3.1	11
178	Response to letter regarding article, "dysregulation of hydrogen sulfide (H2S) producing enzyme cystathionine β -lyase (CSE) contributes to maternal hypertension and placental abnormalities in preeclampsia". <i>Circulation</i> , 2014 , 129, e517-8	16.7	4
177	The coordination of S-sulfhydration, S-nitrosylation, and phosphorylation of endothelial nitric oxide synthase by hydrogen sulfide. <i>Science Signaling</i> , 2014 , 7, ra87	8.8	140
176	Hydrogen sulfide cytoprotective signaling is endothelial nitric oxide synthase-nitric oxide dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3182-7	11.5	250
175	Inhibitory effect of hydrogen sulfide on platelet aggregation and the underlying mechanisms. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 64, 481-7	3.1	13
174	Role of calcium channels in the protective effect of hydrogen sulfide in rat cardiomyoblasts. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1205-14	3.9	29
173	Cystathionine β -lyase deficiency protects mice from galactosamine/lipopolysaccharide-induced acute liver failure. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 204-16	8.4	68
172	Hydrogen sulfide and endothelial dysfunction: relationship with nitric oxide. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3646-61	4.3	55
171	Involvement of dopamine D2 receptors activation in ischemic post-conditioning-induced cardioprotection through promoting PKC- β particulate translocation in isolated rat hearts. <i>Molecular and Cellular Biochemistry</i> , 2013 , 379, 267-76	4.2	16
170	Hydrogen sulfide-induced inhibition of L-type Ca ²⁺ channels and insulin secretion in mouse pancreatic beta cells. <i>Diabetologia</i> , 2013 , 56, 533-41	10.3	47
169	Crosstalk between hydrogen sulfide and nitric oxide in endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 879-88	5.6	115
168	Hydrogen sulfide protects against cellular senescence via S-sulfhydration of Keap1 and activation of Nrf2. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1906-19	8.4	377
167	The inhibitory role of hydrogen sulfide in airway hyperresponsiveness and inflammation in a mouse model of asthma. <i>American Journal of Pathology</i> , 2013 , 182, 1188-95	5.8	70
166	HS is an endothelium-derived hyperpolarizing factor. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1634-46	8.4	105

165	HS protects against pressure overload-induced heart failure via upregulation of endothelial nitric oxide synthase. <i>Circulation</i> , 2013 , 127, 1116-27	16.7	244
164	Hydrogen sulfide impairs glucose utilization and increases gluconeogenesis in hepatocytes. <i>Endocrinology</i> , 2013 , 154, 114-26	4.8	64
163	The expression of calcium-sensing receptor in mouse embryonic stem cells (mESCs) and its influence on differentiation of mESC into cardiomyocytes. <i>Differentiation</i> , 2013 , 85, 32-40	3.5	4
162	Decreased endogenous production of hydrogen sulfide accelerates atherosclerosis. <i>Circulation</i> , 2013 , 127, 2523-34	16.7	263
161	Cystathionine γ -lyase protects against renal ischemia/reperfusion by modulating oxidative stress. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 759-70	12.7	136
160	Dysregulation of hydrogen sulfide producing enzyme cystathionine γ -lyase contributes to maternal hypertension and placental abnormalities in preeclampsia. <i>Circulation</i> , 2013 , 127, 2514-22	16.7	195
159	Up-regulation of aldolase A and methylglyoxal production in adipocytes. <i>British Journal of Pharmacology</i> , 2013 , 168, 1639-46	8.6	8
158	Oxygen-sensitive mitochondrial accumulation of cystathionine γ -synthase mediated by Lon protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12679-84	11.5	144
157	A Comparison of Moisture Removing Strategies for Breath Samples Spiked with Trace Concentrations of Hydrogen Sulphide. <i>Current Analytical Chemistry</i> , 2013 , 9, 312-318	1.7	2
156	H ₂ S inhibits hyperglycemia-induced intrarenal renin-angiotensin system activation via attenuation of reactive oxygen species generation. <i>PLoS ONE</i> , 2013 , 8, e74366	3.7	57
155	Enhanced synthesis and diminished degradation of hydrogen sulfide in experimental colitis: a site-specific, pro-resolution mechanism. <i>PLoS ONE</i> , 2013 , 8, e71962	3.7	50
154	Involvement of calcium-sensing receptor in oxLDL-induced MMP-2 production in vascular smooth muscle cells via PI3K/Akt pathway. <i>Molecular and Cellular Biochemistry</i> , 2012 , 362, 115-22	4.2	23
153	Is cystathionine gamma-lyase protein expressed in the heart?. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 428, 469-74	3.4	15
152	Cadmium toxicity is alleviated by AtLCD and AtDCD in Escherichia coli. <i>Journal of Applied Microbiology</i> , 2012 , 113, 1130-8	4.7	20
151	The message in the air: hydrogen sulfide metabolism in chronic respiratory diseases. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 184, 130-8	2.8	44
150	Exogenous hydrogen sulfide attenuates diabetic myocardial injury through cardiac mitochondrial protection. <i>Molecular and Cellular Biochemistry</i> , 2012 , 371, 187-98	4.2	30
149	Increased neointimal formation in cystathionine gamma-lyase deficient mice: role of hydrogen sulfide in β_1 -integrin and matrix metalloproteinase-2 expression in smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 677-88	5.8	61
148	Decrease in calcium-sensing receptor in the progress of diabetic cardiomyopathy. <i>Diabetes Research and Clinical Practice</i> , 2012 , 95, 378-85	7.4	32

147	Hydrogen sulfide (H ₂ S) metabolism in mitochondria and its regulatory role in energy production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2943-8	11.5	321
146	Hydrogen sulfide inhibits the translational expression of hypoxia-inducible factor-1 <i>British Journal of Pharmacology</i> , 2012 , 167, 1492-505	8.6	42
145	Aldolase B knockdown prevents high glucose-induced methylglyoxal overproduction and cellular dysfunction in endothelial cells. <i>PLoS ONE</i> , 2012 , 7, e41495	3.7	15
144	Interaction of hydrogen sulfide and estrogen on the proliferation of vascular smooth muscle cells. <i>PLoS ONE</i> , 2012 , 7, e41614	3.7	29
143	Integrated stress response modulates cellular redox state via induction of cystathionine γ -lyase: cross-talk between integrated stress response and thiol metabolism. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7603-14	5.4	77
142	MicroRNA-21 represses human cystathionine gamma-lyase expression by targeting at specificity protein-1 in smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3192-200	7	49
141	Physiological implications of hydrogen sulfide: a whiff exploration that blossomed. <i>Physiological Reviews</i> , 2012 , 92, 791-896	47.9	1304
140	Increased expression of calcium-sensing receptors in atherosclerosis confers hypersensitivity to acute myocardial infarction in rats. <i>Molecular and Cellular Biochemistry</i> , 2012 , 366, 345-54	4.2	33
139	Analytical measurement of discrete hydrogen sulfide pools in biological specimens. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2276-83	7.8	158
138	Shared signaling pathways among gasotransmitters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8801-2	11.5	55
137	Potential Health Risk of Arsenic in Groundwater near Tongyu County, Western of Jilin Province: A Case Study for Health Risk Assessment Based on Triangular Fuzzy Number. <i>Advanced Materials Research</i> , 2012 , 518-523, 982-986	0.5	2
136	cGMP-dependent protein kinase contributes to hydrogen sulfide-stimulated vasorelaxation. <i>PLoS ONE</i> , 2012 , 7, e53319	3.7	97
135	The Role of Carbon Monoxide as a Gasotransmitter in Cardiovascular and Metabolic Regulation 2012 , 37-70		9
134	Rescue of mesangial cells from high glucose-induced over-proliferation and extracellular matrix secretion by hydrogen sulfide. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 2119-26	4.3	84
133	The pathogenic role of cystathionine γ -lyase/hydrogen sulfide in streptozotocin-induced diabetes in mice. <i>American Journal of Pathology</i> , 2011 , 179, 869-79	5.8	57
132	Hydrogen sulfide improves drought resistance in <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 481-6	3.4	182
131	Signaling pathways for the vascular effects of hydrogen sulfide. <i>Current Opinion in Nephrology and Hypertension</i> , 2011 , 20, 107-12	3.5	100
130	Calcium-sensing receptors induce apoptosis during simulated ischaemia-reperfusion in Buffalo rat liver cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011 , 38, 605-12	3	18

129	The calcium-sensing receptor mediates hypoxia-induced proliferation of rat pulmonary artery smooth muscle cells through MEK1/ERK1,2 and PI3K pathways. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 108, 185-93	3.1	31
128	Hydrogen sulfide and asthma. <i>Experimental Physiology</i> , 2011 , 96, 847-52	2.4	63
127	Measurement of plasma hydrogen sulfide in vivo and in vitro. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1021-31	7.8	239
126	A critical life-supporting role for cystathionine γ -lyase in the absence of dietary cysteine supply. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1280-7	7.8	62
125	Altered circadian rhythm of cardiac β -adrenoceptor activity following myocardial infarction in the rat. <i>Basic Research in Cardiology</i> , 2011 , 106, 37-50	11.8	9
124	Rat pancreatic level of cystathionine γ -lyase is regulated by glucose level via specificity protein 1 (SP1) phosphorylation. <i>Diabetologia</i> , 2011 , 54, 2615-25	10.3	31
123	Identification of a novel bacterial K(+) channel. <i>Journal of Membrane Biology</i> , 2011 , 242, 153-64	2.3	3
122	The functional expression of extracellular calcium-sensing receptor in rat pulmonary artery smooth muscle cells. <i>Journal of Biomedical Science</i> , 2011 , 18, 16	13.3	21
121	Role of dopamine D2 receptors in ischemia/reperfusion induced apoptosis of cultured neonatal rat cardiomyocytes. <i>Journal of Biomedical Science</i> , 2011 , 18, 18	13.3	35
120	Follow-through after breakthrough. <i>Expert Review of Clinical Pharmacology</i> , 2011 , 4, 1-3	3.8	
119	Upregulation of aldolase B and overproduction of methylglyoxal in vascular tissues from rats with metabolic syndrome. <i>Cardiovascular Research</i> , 2011 , 92, 494-503	9.9	48
118	Specificity protein-1 as a critical regulator of human cystathionine gamma-lyase in smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 26450-60	5.4	63
117	Hydrogen sulfide as endothelium-derived hyperpolarizing factor sulfhydrates potassium channels. <i>Circulation Research</i> , 2011 , 109, 1259-68	15.7	444
116	Hydrogen sulfide replacement therapy protects the vascular endothelium in hyperglycemia by preserving mitochondrial function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13829-34	11.5	223
115	Modification of Akt1 by methylglyoxal promotes the proliferation of vascular smooth muscle cells. <i>FASEB Journal</i> , 2011 , 25, 1746-57	0.9	38
114	Toxic gas, lifesaver. <i>Scientific American</i> , 2010 , 302, 66-71	0.5	20
113	Increased expression of calcium-sensing receptors induced by ox-LDL amplifies apoptosis of cardiomyocytes during simulated ischaemia-reperfusion. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, e128-35	3	26
112	Interaction of hydrogen sulfide with ion channels. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, 753-63	3	121

111	Molecular mechanism for H(2)S-induced activation of K(ATP) channels. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 1167-78	8.4	150
110	Hydrogen sulfide inhibits plasma renin activity. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 993-1002	12.7	126
109	Butyrate-stimulated H2S production in colon cancer cells. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 1101-9	8.4	74
108	Cystathionine gamma-lyase deficiency and overproliferation of smooth muscle cells. <i>Cardiovascular Research</i> , 2010 , 86, 487-95	9.9	128
107	Calcium-sensing receptors induce apoptosis in rat cardiomyocytes via the endo(sarco)plasmic reticulum pathway during hypoxia/reoxygenation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 106, 396-405	3.1	21
106	The functional expression of calcium-sensing receptor in the differentiated THP-1 cells. <i>Molecular and Cellular Biochemistry</i> , 2010 , 342, 233-40	4.2	18
105	The functional expression of calcium-sensing receptors in BRL cells and related signal transduction pathway responsible for intracellular calcium elevation. <i>Molecular and Cellular Biochemistry</i> , 2010 , 343, 13-9	4.2	12
104	Calcium-sensing receptors regulate cardiomyocyte Ca ²⁺ signaling via the sarcoplasmic reticulum-mitochondrion interface during hypoxia/reoxygenation. <i>Journal of Biomedical Science</i> , 2010 , 17, 50	13.3	30
103	Is H2S a stinky remedy for atherosclerosis?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 156-7	9.4	28
102	Measurement of low concentration and nano-quantity hydrogen sulfide in sera using unfunctionalized carbon nanotubes. <i>Measurement Science and Technology</i> , 2009 , 20, 105801	2	6
101	Hydrogen sulfide is an endogenous stimulator of angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21972-7	11.5	637
100	Involvement of the ornithine decarboxylase/polyamine system in precondition-induced cardioprotection through an interaction with PKC in rat hearts. <i>Molecular and Cellular Biochemistry</i> , 2009 , 332, 135-44	4.2	15
99	Pancreatic islet overproduction of H2S and suppressed insulin release in Zucker diabetic rats. <i>Laboratory Investigation</i> , 2009 , 89, 59-67	5.9	161
98	Dopamine D2 receptor stimulation inhibits angiotensin II-induced hypertrophy in cultured neonatal rat ventricular myocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009 , 36, 312-8	3	12
97	Erratum to [Calcium-sensing receptor induces apoptosis in cultured neonatal rat ventricular cardiomyocytes during simulated ischemia/reperfusion][Cell Biol Int 32 (2008) 792-800]. <i>Cell Biology International</i> , 2009 , 33, 254-254	4.5	
96	The endogenous production of hydrogen sulphide in intrauterine tissues. <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 10	5	88
95	Hydrogen sulfide: a new EDRF. <i>Kidney International</i> , 2009 , 76, 700-4	9.9	122
94	H2S signals through protein S-sulphydration. <i>Science Signaling</i> , 2009 , 2, ra72	8.8	842

93	H ₂ S as a physiologic vasorelaxant: hypertension in mice with deletion of cystathionine gamma-lyase. <i>Science</i> , 2008 , 322, 587-90	33.3	1812
92	Modulation of methylglyoxal and glutathione by soybean isoflavones in mild streptozotocin-induced diabetic rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008 , 18, 618-23	4.5	16
91	Dietary soy isoflavones increase insulin secretion and prevent the development of diabetic cataracts in streptozotocin-induced diabetic rats. <i>Nutrition Research</i> , 2008 , 28, 464-71	4	62
90	Nerve sprouting suppresses myocardial I(to) and I(K1) channels and increases severity to ventricular fibrillation in rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008 , 144, 22-9	2.4	25
89	Hydrogen sulfide as an oxygen sensor in trout gill chemoreceptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 295, R669-80	3.2	97
88	Inhibition of vascular smooth muscle cell proliferation by chronic hemin treatment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H999-H1007	5.2	29
87	Toward new instruments for measurement of low concentration hydrogen sulfide in small-quantity aqueous solutions. <i>Measurement Science and Technology</i> , 2008 , 19, 115602	2	0
86	Chemical sympathetic denervation, suppression of myocardial transient outward potassium current, and ventricular fibrillation in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008 , 86, 700-9	2.4	10
85	Non-functionalized carbon nanotube binding with hemoglobin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 65, 146-9	6	17
84	Calcium-sensing receptors induce apoptosis in cultured neonatal rat ventricular cardiomyocytes during simulated ischemia/reperfusion. <i>Cell Biology International</i> , 2008 , 32, 792-800	4.5	30
83	Role of polyamines in myocardial ischemia/reperfusion injury and their interactions with nitric oxide. <i>European Journal of Pharmacology</i> , 2007 , 562, 236-46	5.3	42
82	Sulphonylureas induced vasorelaxation of mouse arteries. <i>European Journal of Pharmacology</i> , 2007 , 577, 124-8	5.3	8
81	Contractile effect of ghrelin on isolated guinea-pig renal arteries. <i>Vascular Pharmacology</i> , 2007 , 47, 31-40	9.9	19
80	H ₂ S, endoplasmic reticulum stress, and apoptosis of insulin-secreting beta cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 16567-76	5.4	158
79	Measurement of low concentration and nano-quantity hydrogen sulfide in aqueous solution: measurement mechanisms and limitations. <i>Measurement Science and Technology</i> , 2007 , 18, 1315-1320	2	6
78	Post-conditioning protects rat cardiomyocytes via PKCepsilon-mediated calcium-sensing receptors. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 659-64	3.4	20
77	Protective effect of hydrogen sulfide on balloon injury-induced neointima hyperplasia in rat carotid arteries. <i>American Journal of Pathology</i> , 2007 , 170, 1406-14	5.8	116
76	H(2)S and cellular proliferation and apoptosis. <i>Acta Physiologica Sinica</i> , 2007 , 59, 133-40	1.3	13

75	Increased intracavernosal pressure response in hypertensive rats after chronic hemin treatment. <i>Journal of Sexual Medicine</i> , 2006 , 3, 619-627	1.1	18
74	Dietary approaches to positively influence fetal determinants of adult health. <i>FASEB Journal</i> , 2006 , 20, 371-3	0.9	42
73	Sustained normalization of high blood pressure in spontaneously hypertensive rats by implanted hemin pump. <i>Hypertension</i> , 2006 , 48, 685-92	8.5	61
72	Using carbon nanotubes to absorb low-concentration hydrogen sulfide in fluid. <i>IEEE Transactions on Nanobioscience</i> , 2006 , 5, 204-9	3.4	15
71	Pro-apoptotic effect of endogenous H ₂ S on human aorta smooth muscle cells. <i>FASEB Journal</i> , 2006 , 20, 553-5	0.9	262
70	Modulation of cardiac and aortic peroxisome proliferator-activated receptor-gamma expression by oxidative stress in chronically glucose-fed rats. <i>American Journal of Hypertension</i> , 2006 , 19, 407-12	2.3	23
69	Altered expression of BK channel beta1 subunit in vascular tissues from spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 2006 , 19, 678-85	2.3	30
68	Involvement of calcium-sensing receptor in ischemia/reperfusion-induced apoptosis in rat cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 347, 872-81	3.4	62
67	Calcium-sensing receptor induces rat neonatal ventricular cardiomyocyte apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 350, 942-8	3.4	54
66	Effects of hydrogen sulfide on homocysteine-induced oxidative stress in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 485-91	3.4	152
65	Carbon monoxide and hydrogen sulfide: gaseous messengers in cerebrovascular circulation. <i>Journal of Applied Physiology</i> , 2006 , 100, 1065-76	3.7	161
64	Increased HO-1 expression and decreased iNOS expression in the hippocampus from adult spontaneously hypertensive rats. <i>Cell Biochemistry and Biophysics</i> , 2006 , 46, 35-42	3.2	15
63	Carbon monoxide: endogenous production, physiological functions, and pharmacological applications. <i>Pharmacological Reviews</i> , 2005 , 57, 585-630	22.5	696
62	Mediation of the effect of nicotine on Kir6.1 channels by superoxide anion production. <i>Journal of Cardiovascular Pharmacology</i> , 2005 , 45, 447-55	3.1	10
61	Activation of KATP channels by H ₂ S in rat insulin-secreting cells and the underlying mechanisms. <i>Journal of Physiology</i> , 2005 , 569, 519-31	3.9	378
60	Interaction of acetylcholine with Kir6.1 channels heterologously expressed in human embryonic kidney cells. <i>European Journal of Pharmacology</i> , 2005 , 515, 34-42	5.3	
59	Methylglyoxal-induced nitric oxide and peroxynitrite production in vascular smooth muscle cells. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 286-93	7.8	111
58	Complex expression and localization of inactivating Kv channels in cultured hippocampal astrocytes. <i>Journal of Neurophysiology</i> , 2005 , 93, 1699-709	3.2	30

57	Continuous inhalation of carbon monoxide attenuates hypoxic pulmonary hypertension development presumably through activation of BKCa channels. <i>Cardiovascular Research</i> , 2005 , 65, 751-61	9.9	60
56	Direct stimulation of K(ATP) channels by exogenous and endogenous hydrogen sulfide in vascular smooth muscle cells. <i>Molecular Pharmacology</i> , 2005 , 68, 1757-64	4.3	225
55	Extracellular Ca ²⁺ -sensing receptor expression and hormonal regulation in rat uterus during the peri-implantation period. <i>Reproduction</i> , 2005 , 129, 779-88	3.8	10
54	The effect of hydroxylamine on KATP channels in vascular smooth muscle and underlying mechanisms. <i>Molecular Pharmacology</i> , 2005 , 67, 1723-31	4.3	17
53	Cystathionine gamma-lyase overexpression inhibits cell proliferation via a H ₂ S-dependent modulation of ERK1/2 phosphorylation and p21Cip/WAK-1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49199-205	5.4	133
52	Altered vascular reactivity and KATP channel currents in vascular smooth muscle cells from deoxycorticosterone acetate (DOCA)-salt hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 44, 525-31	3.1	24
51	Dietary approach to attenuate oxidative stress, hypertension, and inflammation in the cardiovascular system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 7094-9	11.5	231
50	Hydrogen sulfide-induced apoptosis of human aorta smooth muscle cells via the activation of mitogen-activated protein kinases and caspase-3. <i>FASEB Journal</i> , 2004 , 18, 1782-4	0.9	251
49	Hydrogen sulfide-induced relaxation of resistance mesenteric artery beds of rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H2316-23	5.2	333
48	Inhibitory effect of protopine on K(ATP) channel subunits expressed in HEK-293 cells. <i>European Journal of Pharmacology</i> , 2004 , 506, 93-100	5.3	15
47	Selective expression of Kir6.1 protein in different vascular and non-vascular tissues. <i>Biochemical Pharmacology</i> , 2004 , 67, 147-56	6	31
46	Beneficial and deleterious effects of rosiglitazone on hypertension development in spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 2004 , 17, 749-56	2.3	46
45	Carbon monoxide and hypertension. <i>Journal of Hypertension</i> , 2004 , 22, 1057-74	1.9	83
44	Alterations in heme oxygenase/carbon monoxide system in pulmonary arteries in hypertension. <i>Experimental Biology and Medicine</i> , 2003 , 228, 557-63	3.7	24
43	Interaction of selective amino acid residues of K(ca) channels with carbon monoxide. <i>Experimental Biology and Medicine</i> , 2003 , 228, 474-80	3.7	24
42	Activation of calcineurin expression in ischemia-reperfused rat heart and in human ischemic myocardium. <i>Journal of Cellular Biochemistry</i> , 2003 , 90, 987-97	4.7	38
41	Calcium and polyamine regulated calcium-sensing receptors in cardiac tissues. <i>FEBS Journal</i> , 2003 , 270, 2680-8		106
40	Modulation of endogenous production of H ₂ S in rat tissues. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003 , 81, 848-53	2.4	191

39	The gasotransmitter role of hydrogen sulfide. <i>Antioxidants and Redox Signaling</i> , 2003 , 5, 493-501	8.4	398
38	Induction of heme oxygenase-1 and stimulation of cGMP production by hemin in aortic tissues from hypertensive rats. <i>Blood</i> , 2003 , 101, 3893-900	2.2	79
37	Novel therapeutic strategies for impaired endothelium-dependent vascular relaxation. <i>Expert Opinion on Therapeutic Patents</i> , 2002 , 12, 1237-1247	6.8	6
36	Altered expression and localization of N-myristoyltransferase in experimentally induced rat model of ischemia-reperfusion. <i>Journal of Cellular Biochemistry</i> , 2002 , 86, 509-19	4.7	6
35	Endogenous Kv channels in human embryonic kidney (HEK-293) cells. <i>Molecular and Cellular Biochemistry</i> , 2002 , 238, 69-79	4.2	63
34	Streptozotocin-induced diabetes impairs G-protein linked signal transduction in vascular smooth muscle. <i>Molecular and Cellular Biochemistry</i> , 2002 , 240, 57-65	4.2	25
33	Selective regulation of blood pressure by heme oxygenase-1 in hypertension. <i>Hypertension</i> , 2002 , 40, 315-21	8.5	91
32	H(2)S-induced vasorelaxation and underlying cellular and molecular mechanisms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H474-80	5.2	389
31	Calyculin A and outward K ⁺ channel currents in rat tail artery smooth muscle cells. <i>Journal of Cardiovascular Pharmacology</i> , 2002 , 40, 660-8	3.1	5
30	Calmodulin-dependent cyclic nucleotide phosphodiesterase in an experimental rat model of cardiac ischemia-reperfusion. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002 , 80, 59-66	2.4	6
29	Molecular basis of ATP-sensitive K ⁺ channels in rat vascular smooth muscles. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 463-9	3.4	36
28	Altered profile of gene expression in rat hearts induced by chronic nicotine consumption. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 729-36	3.4	31
27	Contributions of Kv1.2, Kv1.5 and Kv2.1 subunits to the native delayed rectifier K(+) current in rat mesenteric artery smooth muscle cells. <i>Life Sciences</i> , 2002 , 71, 1465-73	6.8	47
26	Two's company, three's a crowd: can H ₂ S be the third endogenous gaseous transmitter?. <i>FASEB Journal</i> , 2002 , 16, 1792-8	0.9	1438
25	Differential expression of KV and KCa channels in vascular smooth muscle cells during 1-day culture. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 442, 124-35	4.6	20
24	Haeme oxygenase-1 and cardiac anaphylaxis. <i>British Journal of Pharmacology</i> , 2001 , 134, 1689-96	8.6	20
23	Alterations in g-protein-linked signal transduction in vascular smooth muscle in diabetes. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 498, 263-71	3.6	1
22	Molecular basis of voltage-dependent delayed rectifier K ⁺ channels in smooth muscle cells from rat tail artery. <i>Life Sciences</i> , 2000 , 66, 2023-33	6.8	23

21	Three different vasoactive responses of rat tail artery to nicotine. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000 , 78, 20-8	2.4	13
20	Novel cardiac protective effects of urea: from shark to rat. <i>British Journal of Pharmacology</i> , 1999 , 128, 1477-84	8.6	36
19	Effects of nicotine on K ⁺ channel currents in vascular smooth muscle cells from rat tail arteries. <i>European Journal of Pharmacology</i> , 1999 , 364, 247-54	5.3	27
18	Hyperosmolality-induced abnormal patterns of calcium mobilization in smooth muscle cells from non-diabetic and diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 1998 , 183, 79-85	4.2	16
17	Kinin B2 receptor-mediated contraction of tail arteries from normal or streptozotocin-induced diabetic rats. <i>British Journal of Pharmacology</i> , 1998 , 125, 143-51	8.6	12
16	Resurgence of carbon monoxide: an endogenous gaseous vasorelaxing factor. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998 , 76, 1-15	2.4	130
15	Enhanced inhibition by melatonin of alpha-adrenoceptor-induced aortic contraction and inositol phosphate production in vascular smooth muscle cells from spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1998 , 16, 339-47	1.9	18
14	The chemical modification of KCa channels by carbon monoxide in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8222-6	5.4	204
13	Carbon monoxide-induced vasorelaxation and the underlying mechanisms. <i>British Journal of Pharmacology</i> , 1997 , 121, 927-34	8.6	255
12	Enhanced vasoconstriction of rat tail arteries by toxoflavin. <i>British Journal of Pharmacology</i> , 1996 , 117, 293-8	8.6	7
11	Modulation of K ⁺ channel currents by serum amineoxidase in neurons. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 220, 47-52	3.4	23
10	Altered calcium homeostasis in tail artery endothelial cells from spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 1995 , 8, 1023-30	2.3	6
9	Effects of <i>Buthus martensii</i> Karsch scorpion venom on the release of noradrenaline from in vitro and in vivo rat preparations. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994 , 72, 855-61	2.4	8
8	Histamine-evoked Ca ²⁺ oscillations in HeLa cells are sensitive to methylxanthines but insensitive to ryanodine. <i>Pflügers Archiv European Journal of Physiology</i> , 1994 , 426, 129-38	4.6	9
7	Effects of three fragments of parathyroid hormone on calcium channel currents in neonatal rat ventricular cells. <i>Regulatory Peptides</i> , 1994 , 54, 445-56		1
6	Cardiovascular effects of <i>Buthus martensii</i> (Karsch) scorpion venom. <i>Toxicon</i> , 1994 , 32, 191-200	2.8	25
5	The changes in contractile status of single vascular smooth muscle cells and ventricular cells induced by bPTH-(1-34). <i>Life Sciences</i> , 1993 , 52, 793-801	6.8	18
4	The vasorelaxant effect of deuterium oxide is secondary to calcium-induced liberation of nitric oxide by endothelial cells. <i>Journal of Hypertension</i> , 1993 , 11, 1021-30	1.9	4

3	Two types of voltage-dependent calcium channel currents and their modulation by parathyroid hormone in neonatal rat ventricular cells. <i>Journal of Cardiovascular Pharmacology</i> , 1991 , 17, 990-8	3.1	14
2	Temperature dependence of L-type calcium channel currents in isolated smooth muscle cells from the rat tail artery. <i>Journal of Thermal Biology</i> , 1991 , 16, 83-87	2.9	5
1	The effects of parathyroid hormone on L-type voltage-dependent calcium channel currents in vascular smooth muscle cells and ventricular myocytes are mediated by a cyclic AMP dependent mechanism. <i>FEBS Letters</i> , 1991 , 282, 331-4	3.8	45