

Andreas Papapetropoulos

List of Publications by Year in descending order

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Version: 2024-02-01

178
papers

17,010
citations

23879

60
h-index

19470

122
g-index

194
all docs

194
docs citations

194
times ranked

18345
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological roles of hydrogen sulfide in mammalian cells, tissues, and organs. <i>Physiological Reviews</i> , 2023, 103, 31-276.	13.1	107
2	Hydrogen Sulfide and the Kidney: Physiological Roles, Contribution to Pathophysiology, and Therapeutic Potential. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 220-243.	2.5	16
3	Orally Bioavailable Enzymatic Inhibitor of CD38, MK-0159 , Protects against Ischemia/Reperfusion Injury in the Murine Heart. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9418-9446.	2.9	4
4	Mapping the Endothelial Cell <i>S</i> -Sulhydrone Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. <i>Circulation</i> , 2021, 143, 935-948.	1.6	70
5	Backbone and side chain NMR assignments of the H-NOX domain from <i>Nostoc</i> sp. in complex with BAY58-2667 (cinaciguat). <i>Biomolecular NMR Assignments</i> , 2021, 15, 53-57.	0.4	2
6	Discovery and Pharmacological Evaluation of STEAP4 as a Novel Target for HER2 Overexpressing Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 608201.	1.3	12
7	Host cystathionine- β lyase derived hydrogen sulfide protects against <i>Pseudomonas aeruginosa</i> sepsis. <i>PLoS Pathogens</i> , 2021, 17, e1009473.	2.1	12
8	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. <i>Free Radical Biology and Medicine</i> , 2021, 166, 18-32.	1.3	14
9	Involvement of 3,5-cyclic inosine monophosphate in cystathionine β -lyase-dependent regulation of the vascular tone. <i>British Journal of Pharmacology</i> , 2021, 178, 3765-3782.	2.7	12
10	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Catalytic receptors. <i>British Journal of Pharmacology</i> , 2021, 178, S264-S312.	2.7	148
11	Replacement of heme by soluble guanylate cyclase (sGC) activators abolishes heme-nitric oxide/oxygen (H-NOX) domain structural plasticity. <i>Current Research in Structural Biology</i> , 2021, 3, 324-336.	1.1	5
12	3-Mercaptopyruvate sulfurtransferase supports endothelial cell angiogenesis and bioenergetics. <i>British Journal of Pharmacology</i> , 2020, 177, 866-883.	2.7	39
13	Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy. <i>Cardiovascular Research</i> , 2020, 116, 576-591.	1.8	32
14	From primordial gas to the medicine cabinet. <i>British Journal of Pharmacology</i> , 2020, 177, 715-719.	2.7	2
15	Shear stress regulates cystathionine β lyase expression to preserve endothelial redox balance and reduce membrane lipid peroxidation. <i>Redox Biology</i> , 2020, 28, 101379.	3.9	37
16	Endothelial-Tumor Cell Interaction in Brain and CNS Malignancies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7371.	1.8	19
17	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020, 176, 113833.	2.0	45
18	Hydrogen sulfide: An endogenous regulator of the immune system. <i>Pharmacological Research</i> , 2020, 161, 105119.	3.1	134

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19	Screening of Heteroaromatic Scaffolds against Cystathionine Beta-Synthase Enables Identification of Substituted Pyrazolo[3,4-c]Pyridines as Potent and Selective Orthosteric Inhibitors. <i>Molecules</i> , 2020, 25, 3739.	1.7	2
20	The role of mitochondrial reactive oxygen species, NO and H ₂ S in ischaemia/reperfusion injury and cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6510-6522.	1.6	58
21	The protective role of the 3-mercaptopyruvate sulfurtransferase (3-MST)-hydrogen sulfide (H ₂ S) pathway against experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 49.	1.6	27
22	Generation and Characterization of a CRISPR/Cas9-Induced 3-mst Deficient Zebrafish. <i>Biomolecules</i> , 2020, 10, 317.	1.8	5
23	Cystathionine β Lyase Sulphydrates the RNA Binding Protein Human Antigen R to Preserve Endothelial Cell Function and Delay Atherogenesis. <i>Circulation</i> , 2019, 139, 101-114.	1.6	103
24	Investigating and re-evaluating the role of glycogen synthase kinase 3 beta kinase as a molecular target for cardioprotection by using novel pharmacological inhibitors. <i>Cardiovascular Research</i> , 2019, 115, 1228-1243.	1.8	25
25	Association study of the CTH 1364 G>T polymorphism with coronary artery disease in the Greek population. <i>Drug Metabolism and Personalized Therapy</i> , 2019, 34, .	0.3	5
26	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. <i>Cardiovascular Research</i> , 2019, 115, 625-636.	1.8	31
27	Nitric oxide synthases (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	0
28	Hydrogen sulphide synthesis (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	1
29	Haem oxygenase (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	0
30	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 75, 53-59.	1.2	37
31	Hydrogen sulfide inhibits Kir2 and Kir3 channels by decreasing sensitivity to the phospholipid phosphatidylinositol 4,5-bisphosphate (PIP ₂). <i>Journal of Biological Chemistry</i> , 2018, 293, 3546-3561.	1.6	15
32	Inventing new therapies without reinventing the wheel: the power of drug repurposing. <i>British Journal of Pharmacology</i> , 2018, 175, 165-167.	2.7	55
33	Mitochondrial DNA damage and subsequent activation of Z-DNA binding protein 1 links oxidative stress to inflammation in epithelial cells. <i>Scientific Reports</i> , 2018, 8, 914.	1.6	100
34	Drug resistance induces the upregulation of H ₂ S-producing enzymes in HCT116 colon cancer cells. <i>Biochemical Pharmacology</i> , 2018, 149, 174-185.	2.0	67
35	A selective and sensitive method for quantification of endogenous polysulfide production in biological samples. <i>Redox Biology</i> , 2018, 18, 295-304.	3.9	58
36	Comparison of the effects of e-cigarette vapor with cigarette smoke on lung function and inflammation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L662-L672.	1.3	138

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37	Reduced adipose tissue H ₂ S in obesity. <i>Pharmacological Research</i> , 2018, 128, 190-199.	3.1	27
38	Reciprocal regulation of eNOS, H ₂ S and CO-synthesizing enzymes in human atheroma: Correlation with plaque stability and effects of simvastatin. <i>Redox Biology</i> , 2017, 12, 70-81.	3.9	30
39	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	3.9	242
40	Vascular biology of hydrogen sulfide. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C537-C549.	2.1	156
41	International Union of Basic and Clinical Pharmacology. CII: Pharmacological Modulation of H ₂ S Levels: H ₂ S Donors and H ₂ S Biosynthesis Inhibitors. <i>Pharmacological Reviews</i> , 2017, 69, 497-564.	7.1	304
42	Hydrogen Sulfide Preserves Endothelial Nitric Oxide Synthase Function by Inhibiting Proline-Rich Kinase 2: Implications for Cardiomyocyte Survival and Cardioprotection. <i>Molecular Pharmacology</i> , 2017, 92, 718-730.	1.0	32
43	Epigenetics-by-Sex Interaction for Coronary Artery Disease Risk Conferred by the Cystathionine β -Lyase Gene Promoter Methylation. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 741-748.	1.0	19
44	Cooperative Interactions Between NO and H ₂ S: Chemistry, Biology, Physiology, Pathophysiology. , 2017, , 57-83.		8
45	Tyrosine phosphorylation of eNOS regulates myocardial survival after an ischaemic insult: role of PYK2. <i>Cardiovascular Research</i> , 2017, 113, 926-937.	1.8	25
46	Cystathionine- β -Synthase Inhibition for Colon Cancer: Enhancement of the Efficacy of Aminooxyacetic Acid via the Prodrug Approach. <i>Molecular Medicine</i> , 2016, 22, 361-379.	1.9	59
47	Regulation of soluble guanylyl cyclase redox state by hydrogen sulfide. <i>Pharmacological Research</i> , 2016, 111, 556-562.	3.1	79
48	Exposure to cigarette smoke abrogates the beneficial effect of ischemic postconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1321-H1332.	1.5	10
49	¹ H, ¹³ C, ¹⁵ N backbone and side-chain resonance assignment of Nostoc sp. C139A variant of the heme- α nitric oxide/oxygen binding (H-NOX) domain. <i>Biomolecular NMR Assignments</i> , 2016, 10, 395-400.	0.4	5
50	Regulation and role of endogenously produced hydrogen sulfide in angiogenesis. <i>Pharmacological Research</i> , 2016, 113, 175-185.	3.1	91
51	Screening of a composite library of clinically used drugs and well-characterized pharmacological compounds for cystathionine β -synthase inhibition identifies benserazide as a drug potentially suitable for repurposing for the experimental therapy of colon cancer. <i>Pharmacological Research</i> , 2016, 113, 18-37.	3.1	62
52	Penicillamine modulates hydrogen sulfide (H ₂ S) pathway through selective inhibition of cystathionine- β -lyase. <i>British Journal of Pharmacology</i> , 2016, 173, 1556-1565.	2.7	32
53	Cardioprotection by H ₂ S Donors: Nitric Oxide-Dependent and -Independent Mechanisms. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 431-440.	1.3	72
54	Synthesis and Pharmacological Evaluation of Novel Adenine- α -Hydrogen Sulfide Slow Release Hybrids Designed as Multitarget Cardioprotective Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1776-1790.	2.9	26

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55	Regulation of Vascular Tone, Angiogenesis and Cellular Bioenergetics by the 3-Mercaptopyruvate Sulfurtransferase/H ₂ S Pathway: Functional Impairment by Hyperglycemia and Restoration by dl- α -Lipoic Acid. <i>Molecular Medicine</i> , 2015, 21, 1-14.	1.9	121
56	ATP-Sensitive Potassium Channel Activation Induces Angiogenesis In Vitro and In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 79-87.	1.3	30
57	Role of cGMP in hydrogen sulfide signaling. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 7-13.	1.2	38
58	Extending the translational potential of targeting NO/cGMP-regulated pathways in the CVS. <i>British Journal of Pharmacology</i> , 2015, 172, 1397-1414.	2.7	29
59	Pharmacology of the "gasotransmitters" NO, CO and H ₂ S: translational opportunities. <i>British Journal of Pharmacology</i> , 2015, 172, 1395-1396.	2.7	35
60	Cardioprotection by H ₂ S engages a cGMP-dependent protein kinase G/phospholamban pathway. <i>Cardiovascular Research</i> , 2015, 106, 432-442.	1.8	72
61	Phosphinodithioate and Phosphoramidodithioate Hydrogen Sulfide Donors. <i>Handbook of Experimental Pharmacology</i> , 2015, 230, 337-363.	0.9	52
62	Guanylyl Cyclase Activation Reverses Resistive Breathing-Induced Lung Injury and Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 762-771.	1.4	20
63	The role of H ₂ S bioavailability in endothelial dysfunction. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 568-578.	4.0	131
64	Role of the cystathionine β -lyase/hydrogen sulfide pathway in human melanoma progression. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 61-72.	1.5	110
65	Hydrogen sulfide and PKG in ischemia-reperfusion injury: sources, signaling, accelerators and brakes. <i>Basic Research in Cardiology</i> , 2015, 110, 510.	2.5	20
66	The role of gasotransmitters NO, H ₂ S and CO in myocardial ischaemia/reperfusion injury and cardioprotection by preconditioning, postconditioning and remote conditioning. <i>British Journal of Pharmacology</i> , 2015, 172, 1587-1606.	2.7	163
67	Pharmacological tools for hydrogen sulphide research: a brief, introductory guide for beginners. <i>British Journal of Pharmacology</i> , 2015, 172, 1633-1637.	2.7	79
68	Modulation of Poly(ADP-Ribose) Polymerase-1 (PARP-1)-Mediated Oxidative Cell Injury by Ring Finger Protein 146 (RNF146) in Cardiac Myocytes. <i>Molecular Medicine</i> , 2014, 20, 313-328.	1.9	29
69	Nitric Oxide and Heat Shock Protein 90 Activate Soluble Guanylate Cyclase by Driving Rapid Change in Its Subunit Interactions and Heme Content. <i>Journal of Biological Chemistry</i> , 2014, 289, 15259-15271.	1.6	62
70	Effect of S-adenosyl-L-methionine (SAM), an allosteric activator of cystathionine- β -synthase (CBS) on colorectal cancer cell proliferation and bioenergetics in vitro. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 41, 146-156.	1.2	94
71	Regulation of mitochondrial bioenergetic function by hydrogen sulfide. Part II. Pathophysiological and therapeutic aspects. <i>British Journal of Pharmacology</i> , 2014, 171, 2123-2146.	2.7	121
72	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. <i>Cardiovascular Research</i> , 2014, 102, 138-147.	1.8	88

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73	PDE5 inhibition against acute renal ischemia reperfusion injury in rats: does vardenafil offer protection?. <i>World Journal of Urology</i> , 2013, 31, 597-602.	1.2	14
74	Oxidative stress suppresses the cellular bioenergetic effect of the 3-mercaptopyruvate sulfurtransferase/hydrogen sulfide pathway. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 401-407.	1.0	70
75	Tumor-derived hydrogen sulfide, produced by cystathionine-Î ² -synthase, stimulates bioenergetics, cell proliferation, and angiogenesis in colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12474-12479.	3.3	601
76	Insights into Soluble Guanylyl Cyclase Activation Derived from Improved Heme-Mimetics. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8948-8952.	2.9	18
77	Hydrogen sulfide-mediated stimulation of mitochondrial electron transport involves inhibition of the mitochondrial phosphodiesterase 2A, elevation of cAMP and activation of protein kinase A. <i>Biochemical Pharmacology</i> , 2013, 86, 1311-1319.	2.0	82
78	Modulation of the release of Ang-2 in experimental endotoxic shock by a species-specific circulating factor. <i>Injury</i> , 2013, 44, 935-940.	0.7	4
79	Intramitochondrial hydrogen sulfide production by 3-mercaptopyruvate sulfurtransferase maintains mitochondrial electron flow and supports cellular bioenergetics. <i>FASEB Journal</i> , 2013, 27, 601-611.	0.2	252
80	Selectivity of commonly used pharmacological inhibitors for cystathionine Î ² synthase (<scp>CBS</scp>) and cystathionine Î ³ lyase (<scp>CSE</scp>). <i>British Journal of Pharmacology</i> , 2013, 169, 922-932.	2.7	340
81	The Role of Soluble Guanylyl Cyclase in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 789-799.	2.5	30
82	Soluble guanylyl cyclase is a target of angiotensin II-induced nitrosative stress in a hypertensive rat model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H597-H604.	1.5	46
83	Nitric oxide regulates cytokine induction in the diaphragm in response to inspiratory resistive breathing. <i>Journal of Applied Physiology</i> , 2012, 113, 1594-1603.	1.2	17
84	Angiopietin-2 Enhances Survival in Experimental Sepsis Induced by Multidrug-Resistant <i>Pseudomonas aeruginosa</i> . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 278-287.	1.3	19
85	Hydrogen sulfide and nitric oxide are mutually dependent in the regulation of angiogenesis and endothelium-dependent vasorelaxation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9161-9166.	3.3	572
86	Short-term statin administration in hypercholesterolaemic rabbits resistant to postconditioning: effects on infarct size, endothelial nitric oxide synthase, and nitro-oxidative stress. <i>Cardiovascular Research</i> , 2012, 94, 501-509.	1.8	55
87	A novel angiopietin-derived peptide displays anti-angiogenic activity and inhibits tumour-induced and retinal neovascularization. <i>British Journal of Pharmacology</i> , 2012, 165, 1891-1903.	2.7	13
88	Thioglycine and l-thiovaline: Biologically active H ₂ S-donors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2675-2678.	1.4	61
89	cGMP-Dependent Protein Kinase Contributes to Hydrogen Sulfide-Stimulated Vasorelaxation. <i>PLoS ONE</i> , 2012, 7, e53319.	1.1	116
90	Mastic Oil Inhibits the Metastatic Phenotype of Mouse Lung Adenocarcinoma Cells. <i>Cancers</i> , 2011, 3, 789-801.	1.7	12

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91	Hydrogen sulphide and angiogenesis: mechanisms and applications. <i>British Journal of Pharmacology</i> , 2011, 164, 853-865.	2.7	186
92	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, 13829-13834.	3.3	254
93	Inhibition of Nitric Oxide- Stimulated Vasorelaxation by Carbon Monoxide-Releasing Molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2570-2576.	1.1	43
94	MAPKs and NF- κ B differentially regulate cytokine expression in the diaphragm in response to resistive breathing: the role of oxidative stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R1152-R1162.	0.9	48
95	Inhibition of endothelial nitric oxide synthase by the lipid phosphatase PTEN. <i>Vascular Pharmacology</i> , 2010, 52, 191-198.	1.0	15
96	PKG-I inhibition attenuates vascular endothelial growth factor-stimulated angiogenesis. <i>Vascular Pharmacology</i> , 2010, 53, 215-222.	1.0	19
97	Synthesis and biological evaluation of oxadiazole derivatives as inhibitors of soluble guanylyl cyclase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1288-1296.	1.4	24
98	The soluble guanylyl cyclase inhibitor NS-2028 reduces vascular endothelial growth factor-induced angiogenesis and permeability. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R824-R832.	0.9	31
99	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1998-2004.	1.1	300
100	Nitric Oxide Stimulates Interleukin-6 Production in Skeletal Myotubes. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 321-327.	0.5	22
101	Antioxidant Supplementation Alters Cytokine Production From Monocytes. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 741-748.	0.5	5
102	ADMA injures the glomerular filtration barrier: role of nitric oxide and superoxide. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F1386-F1395.	1.3	40
103	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, 21972-21977.	3.3	768
104	Angiotensin-2 is increased in septic shock: Evidence for the existence of a circulating factor stimulating its release from human monocytes. <i>Immunology Letters</i> , 2009, 125, 65-71.	1.1	44
105	Tricyclic indole and dihydroindole derivatives as new inhibitors of soluble guanylate cyclase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4810-4813.	1.0	15
106	Protective Effects of Mastic Oil From <i>Pistacia Lentiscus</i> Variation <i>Chia</i> Against Experimental Growth of Lewis Lung Carcinoma. <i>Nutrition and Cancer</i> , 2009, 61, 640-648.	0.9	51
107	The Angiotensin/Tie2 Axis Mediates Malignant Pleural Effusion Formation. <i>Neoplasia</i> , 2009, 11, 298-304.	2.3	21
108	Design and synthesis of nitrate esters of aromatic heterocyclic compounds as pharmacological preconditioning agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 4523-4531.	1.4	11

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109	cGMP-independent anti-tumour actions of the inhibitor of soluble guanylyl cyclase, ODQ, in prostate cancer cell lines. <i>British Journal of Pharmacology</i> , 2008, 155, 804-813.	2.7	16
110	Soluble guanylyl cyclase activation by HMR-1766 (ataciguat) in cells exposed to oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1763-H1771.	1.5	46
111	Protein Kinase C Phosphorylates Soluble Guanylyl Cyclase on Serine 64 and Inhibits Its Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1803-1810.	1.1	37
112	Angiotensin-1 Protects against Airway Inflammation and Hyperreactivity in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1314-1321.	2.5	52
113	The Insertion/Deletion Polymorphism of the Angiotensin Converting Enzyme (ACE) in Parkinson's Disease. <i>The Open Neurology Journal</i> , 2008, 2, 66-70.	0.4	3
114	Inhibition of Poly (ADP-ribose) Polymerase (PARP) by PJ-34 regulates angiogenesis and VEGF-induced MAPK signalling. <i>FASEB Journal</i> , 2008, 22, 746-10.	0.2	0
115	The hydrogen sulfide donor I ₁ stimulates neovascularization and improves wound healing. <i>FASEB Journal</i> , 2008, 22, 912-42.	0.2	6
116	Inhibition of angiogenesis by the poly(ADP-ribose) polymerase inhibitor PJ-34. <i>International Journal of Molecular Medicine</i> , 2008, 22, 113-8.	1.8	45
117	Chaperone-dependent E3 ligase CHIP ubiquitinates and mediates proteasomal degradation of soluble guanylyl cyclase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3080-H3087.	1.5	30
118	Soluble guanylyl cyclase expression is reduced in LPS-induced lung injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1448-R1455.	0.9	14
119	Angiotensin-2 is increased in severe sepsis: Correlation with inflammatory mediators. <i>Critical Care Medicine</i> , 2007, 35, 199-206.	0.4	187
120	cGMP-dependent and -independent angiogenesis-related properties of nitric oxide. <i>Life Sciences</i> , 2007, 81, 1549-1554.	2.0	23
121	Vascular endothelial growth factor: an angiogenic factor reflecting airway inflammation in healthy smokers and in patients with bronchitis type of chronic obstructive pulmonary disease?. <i>Respiratory Research</i> , 2007, 8, 53.	1.4	37
122	The phosphodiesterase 5 inhibitor sildenafil stimulates angiogenesis through a protein kinase G/MAPK pathway. <i>Journal of Cellular Physiology</i> , 2007, 211, 197-204.	2.0	82
123	Regulation of the expression of soluble guanylyl cyclase by reactive oxygen species. <i>British Journal of Pharmacology</i> , 2007, 150, 1084-1091.	2.7	68
124	Anti-angiogenic properties of a sulindac analogue. <i>British Journal of Pharmacology</i> , 2007, 152, 1207-1214.	2.7	17
125	Role of eNOS phosphorylation at Ser-116 in regulation of eNOS activity in endothelial cells. <i>Vascular Pharmacology</i> , 2007, 47, 257-264.	1.0	38
126	A ginseng-derived oestrogen receptor (ER) agonist, Rb1 ginsenoside, attenuates capillary morphogenesis. <i>British Journal of Pharmacology</i> , 2007, 152, 172-174.	2.7	18

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127	Mastic Oil from Pistacia lentiscus var. chia Inhibits Growth and Survival of Human K562 Leukemia Cells and Attenuates Angiogenesis. Nutrition and Cancer, 2006, 55, 86-93.	0.9	77
128	Vascular endothelial growth factor-mediated induction of angiogenesis by human rhinoviruses. Journal of Allergy and Clinical Immunology, 2006, 117, 291-297.	1.5	81
129	Angiopoietin-2 Levels Are Elevated in Exudative Pleural Effusions. Chest, 2006, 129, 1259-1266.	0.4	32
130	Inhaled activated protein C attenuates lung injury induced by aerosolized endotoxin in mice. Vascular Pharmacology, 2006, 45, 134-140.	1.0	67
131	Regulation of Ang2 release by PTEN/PI3-kinase/Akt in lung microvascular endothelial cells. Journal of Cellular Physiology, 2006, 207, 506-511.	2.0	25
132	Automated Angiogenesis Quantification through advanced Image Processing Techniques. , 2006, 2006, 2345-8.		18
133	Soluble guanylyl cyclase expression is reduced in allergic asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L179-L184.	1.3	32
134	Soluble Guanylyl Cyclase Activation Promotes Angiogenesis. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 663-671.	1.3	75
135	Automated Angiogenesis Quantification through advanced Image Processing Techniques. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	1
136	Soluble guanylyl cyclase: more secrets revealed. Cellular Signalling, 2005, 17, 407-413.	1.7	100
137	Angiopoietin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 738-744.	1.3	200
138	Interaction between the 90-kDa Heat Shock Protein and Soluble Guanylyl Cyclase: Physiological Significance and Mapping of the Domains Mediating Binding. Molecular Pharmacology, 2005, 68, 1133-1141.	1.0	50
139	Effects of Modulation of the NO/cGMP Pathway in Tumor Cell Lines Derived from the Upper Airway Tract. Pharmacology, 2004, 72, 167-176.	0.9	2
140	Structural and Functional Characterization of the Dimerization Region of Soluble Guanylyl Cyclase. Journal of Biological Chemistry, 2004, 279, 24935-24943.	1.6	34
141	Vanadate Is a Potent Activator of Endothelial Nitric-Oxide Synthase: Evidence for the Role of the Serine/Threonine Kinase Akt and the 90-kDa Heat Shock Protein. Molecular Pharmacology, 2004, 65, 407-415.	1.0	48
142	Perillyl Alcohol Is an Angiogenesis Inhibitor. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 568-575.	1.3	80
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