Andreas Papapetropoulos

List of Publications by Year
in descending order

178 papers	17,010 citations	20817 60 h-index	14759 127 g-index
194 all docs	194 docs citations	194 times ranked	16743 citing authors

#	Article	IF	Citations
1	Physiological roles of hydrogen sulfide in mammalian cells, tissues, and organs. Physiological Reviews, 2023, 103, 31-276.	28.8	107
2	Hydrogen Sulfide and the Kidney: Physiological Roles, Contribution to Pathophysiology, and Therapeutic Potential. Antioxidants and Redox Signaling, 2022, 36, 220-243.	5.4	16
3	Orally Bioavailable Enzymatic Inhibitor of CD38, MK-0159, Protects against Ischemia/Reperfusion Injury in the Murine Heart. Journal of Medicinal Chemistry, 2022, 65, 9418-9446.	6.4	4
4	Mapping the Endothelial Cell S -Sulfhydrome Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. Circulation, 2021, 143, 935-948.	1.6	70
5	Backbone and side chain NMR assignments of the H-NOX domain from Nostoc sp. in complex with BAY58-2667 (cinaciguat). Biomolecular NMR Assignments, 2021, 15, 53-57.	0.8	2
6	Discovery and Pharmacological Evaluation of STEAP4 as a Novel Target for HER2 Overexpressing Breast Cancer. Frontiers in Oncology, 2021, 11, 608201.	2.8	12
7	Host cystathionine-Î³ lyase derived hydrogen sulfide protects against Pseudomonas aeruginosa sepsis. PLoS Pathogens, 2021, 17, e1009473.	4.7	12
8	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. Free Radical Biology and Medicine, 2021, 166, 18-32.	2.9	14
9	Involvement of 3â€²,5â€²â€cyclic inosine monophosphate in cystathionine Î³â€lyaseâ€dependent regulation of the vascular tone. British Journal of Pharmacology, 2021, 178, 3765-3782.	5.4	12
10	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Catalytic receptors. British Journal of Pharmacology, 2021, 178, S264-S312.	5.4	148
11	Replacement of heme by soluble guanylate cyclase (sGC) activators abolishes heme-nitric oxide/oxygen (H-NOX) domain structural plasticity. Current Research in Structural Biology, 2021, 3, 324-336.	2.2	5
12	3â€Mercaptopyruvate sulfurtransferase supports endothelial cell angiogenesis and bioenergetics. British Journal of Pharmacology, 2020, 177, 866-883.	5.4	39
13	Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy. Cardiovascular Research, 2020, 116, 576-591.	3.8	32
14	From primordial gas to the medicine cabinet. British Journal of Pharmacology, 2020, 177, 715-719.	5.4	2
15	Shear stress regulates cystathionine Î³ lyase expression to preserve endothelial redox balance and reduce membrane lipid peroxidation. Redox Biology, 2020, 28, 101379.	9.0	37
16	Endothelial-Tumor Cell Interaction in Brain and CNS Malignancies. International Journal of Molecular Sciences, 2020, 21, 7371.	4.1	19
17	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. Biochemical Pharmacology, 2020, 176, 113833.	4.4	45
18	Hydrogen sulfide: An endogenous regulator of the immune system. Pharmacological Research, 2020, 161, 105119.	7.1	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. Molecules, 2020, 25, 3739.	3.8	2
20	The role of mitochondrial reactive oxygen species, NO and H₂S in ischaemia/reperfusion injury and cardioprotection. Journal of Cellular and Molecular Medicine, 2020, 24, 6510-6522.	3.6	58
21	The protective role of the 3-mercaptopyruvate sulfurtransferase (3-MST)-hydrogen sulfide (H2S) pathway against experimental osteoarthritis. Arthritis Research and Therapy, 2020, 22, 49.	3.5	27
22	Generation and Characterization of a CRISPR/Cas9â€"Induced 3-mst Deficient Zebrafish. Biomolecules, 2020, 10, 317.	4.0	5
23	Cystathionine Î³ Lyase Sulfhydrates the RNA Binding Protein Human Antigen R to Preserve Endothelial Cell Function and Delay Atherogenesis. Circulation, 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. Cardiovascular Research, 2019, 115, 1228-1243.	3.8	25
25	Association study of the CTH 1364 G>T polymorphism with coronary artery disease in the Greek population. Drug Metabolism and Personalized Therapy, 2019, 34, .	0.6	5
26	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. Cardiovascular Research, 2019, 115, 625-636.	3.8	31
27	Nitric oxide synthases (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	0
28	Hydrogen sulphide synthesis (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	1
29	Haem oxygenase (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	0
30	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. Nitric Oxide - Biology and Chemistry, 2018, 75, 53-59.	2.7	37
31	Hydrogen sulfide inhibits Kir2 and Kir3 channels by decreasing sensitivity to the phospholipid phosphatidylinositol 4,5-bisphosphate (PIP2). Journal of Biological Chemistry, 2018, 293, 3546-3561.	3.4	15
32	Inventing new therapies without reinventing the wheel: the power of drug repurposing. British Journal of Pharmacology, 2018, 175, 165-167.	5.4	55
33	Mitochondrial DNA damage and subsequent activation of Z-DNA binding protein 1 links oxidative stress to inflammation in epithelial cells. Scientific Reports, 2018, 8, 914.	3.3	100
34	Drug resistance induces the upregulation of H2S-producing enzymes in HCT116 colon cancer cells. Biochemical Pharmacology, 2018, 149, 174-185.	4.4	67
35	A selective and sensitive method for quantification of endogenous polysulfide production in biological samples. Redox Biology, 2018, 18, 295-304.	9.0	58
36	Comparison of the effects of e-cigarette vapor with cigarette smoke on lung function and inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L662-L672.	2.9	138

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37	Reduced adipose tissue H 2 S in obesity. Pharmacological Research, 2018, 128, 190-199.	7.1	27
38	Reciprocal regulation of eNOS, H2S and CO-synthesizing enzymes in human atheroma: Correlation with plaque stability and effects of simvastatin. Redox Biology, 2017, 12, 70-81.	9.0	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). Redox Biology, 2017, 13, 94-162.	9.0	242
40	Vascular biology of hydrogen sulfide. American Journal of Physiology - Cell Physiology, 2017, 312, C537-C549.	4.6	156
41	International Union of Basic and Clinical Pharmacology. CII: Pharmacological Modulation of H₂S Levels: H₂S Donors and H₂S Biosynthesis Inhibitors. Pharmacological Reviews, 2017, 69, 497-564.	16.0	304
42	Hydrogen Sulfide Preserves Endothelial Nitric Oxide Synthase Function by Inhibiting Proline-Rich Kinase 2: Implications for Cardiomyocyte Survival and Cardioprotection. Molecular Pharmacology, 2017, 92, 718-730.	2.3	32
43	Epigenetics-by-Sex Interaction for Coronary Artery Disease Risk Conferred by the Cystathionine Î³-Lyase Gene Promoter Methylation. OMICS A Journal of Integrative Biology, 2017, 21, 741-748.	2.0	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. Cardiovascular Research, 2017, 113, 926-937.	3.8	25
46	Cystathionine-Î²-Synthase Inhibition for Colon Cancer: Enhancement of the Efficacy of Aminooxyacetic Acid via the Prodrug Approach. Molecular Medicine, 2016, 22, 361-379.	4.4	59
47	Regulation of soluble guanylyl cyclase redox state by hydrogen sulfide. Pharmacological Research, 2016, 111, 556-562.	7.1	79
48	Exposure to cigarette smoke abrogates the beneficial effect of ischemic postconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1321-H1332.	3.2	10
49	1H, 13C, 15N backbone and side-chain resonance assignment of Nostoc sp. C139A variant of the hemeâ€“nitric oxide/oxygen binding (H-NOX) domain. Biomolecular NMR Assignments, 2016, 10, 395-400.	0.8	5
50	Regulation and role of endogenously produced hydrogen sulfide in angiogenesis. Pharmacological Research, 2016, 113, 175-185.	7.1	91
51	Screening of a composite library of clinically used drugs and well-characterized pharmacological compounds for cystathionine Î²-synthase inhibition identifies benserazide as a drug potentially suitable for repurposing for the experimental therapy of colon cancer. Pharmacological Research, 2016, 113, 18-37.	7.1	62
52	<scp>d</scp>â€Penicillamine modulates hydrogen sulfide (<scp>H₂S</scp>) pathway through selective inhibition of cystathionineâ€Îłâ€lyase. British Journal of Pharmacology, 2016, 173, 1556-1565.	5.4	32
53	Cardioprotection by H2S Donors: Nitric Oxide-Dependent and -Independent Mechanisms. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 431-440.	2.5	72
54	Synthesis and Pharmacological Evaluation of Novel Adenineâ€“Hydrogen Sulfide Slow Release Hybrids Designed as Multitarget Cardioprotective Agents. Journal of Medicinal Chemistry, 2016, 59, 1776-1790.	6.4	26

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55	Regulation of Vascular Tone, Angiogenesis and Cellular Bioenergetics by the 3-Mercaptopyruvate Sulfurtransferase/H2S Pathway: Functional Impairment by Hyperglycemia and Restoration by dl-Î±-Lipoic Acid. Molecular Medicine, 2015, 21, 1-14.	4.4	121
56	ATP-Sensitive Potassium Channel Activation Induces Angiogenesis In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2015, 354, 79-87.	2.5	30
57	Role of cGMP in hydrogen sulfide signaling. Nitric Oxide - Biology and Chemistry, 2015, 46, 7-13.	2.7	38
58	Extending the translational potential of targeting NO/<scp>cGMP</scp>â€regulated pathways in the CVS. British Journal of Pharmacology, 2015, 172, 1397-1414.	5.4	29
59	Pharmacology of the â€˜gasotransmittersâ€™ <scp>NO</scp>, <scp>CO</scp> and <scp>H₂S</scp>: translational opportunities. British Journal of Pharmacology, 2015, 172, 1395-1396.	5.4	35
60	Cardioprotection by H2S engages a cGMP-dependent protein kinase G/phospholamban pathway. Cardiovascular Research, 2015, 106, 432-442.	3.8	72
61	Phosphinodithioate and Phosphoramidodithioate Hydrogen Sulfide Donors. Handbook of Experimental Pharmacology, 2015, 230, 337-363.	1.8	52
62	Guanylyl Cyclase Activation Reverses Resistive Breathingâ€“Induced Lung Injury and Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 762-771.	2.9	20
63	The role of H2S bioavailability in endothelial dysfunction. Trends in Pharmacological Sciences, 2015, 36, 568-578.	8.7	131
64	Role of the cystathionine Î³ lyase/hydrogen sulfide pathway in human melanoma progression. Pigment Cell and Melanoma Research, 2015, 28, 61-72.	3.3	110
65	Hydrogen sulfide and PKG in ischemiaâ€“reperfusion injury: sources, signaling, accelerators and brakes. Basic Research in Cardiology, 2015, 110, 510.	5.9	20
66	The role of gasotransmitters <scp><scp>NO</scp></scp>, <scp><scp>H₂S</scp></scp> and <scp><scp>CO</scp></scp> in myocardial ischaemia/reperfusion injury and cardioprotection by preconditioning, postconditioning and remote conditioning. British Journal of Pharmacology, 2015, 172, 1587-1606.	5.4	163
67	Pharmacological tools for hydrogen sulphide research: a brief, introductory guide for beginners. British Journal of Pharmacology, 2015, 172, 1633-1637.	5.4	79
68	Modulation of Poly(ADP-Ribose) Polymerase-1 (PARP-1)-Mediated Oxidative Cell Injury by Ring Finger Protein 146 (RNF146) in Cardiac Myocytes. Molecular Medicine, 2014, 20, 313-328.	4.4	29
69	Nitric Oxide and Heat Shock Protein 90 Activate Soluble Guanylate Cyclase by Driving Rapid Change in Its Subunit Interactions and Heme Content. Journal of Biological Chemistry, 2014, 289, 15259-15271.	3.4	62
70	Effect of S-adenosyl-l-methionine (SAM), an allosteric activator of cystathionine-Î²-synthase (CBS) on colorectal cancer cell proliferation and bioenergetics in vitro. Nitric Oxide - Biology and Chemistry, 2014, 41, 146-156.	2.7	94
71	Regulation of mitochondrial bioenergetic function by hydrogen sulfide. Part <scp>II</scp>. Pathophysiological and therapeutic aspects. British Journal of Pharmacology, 2014, 171, 2123-2146.	5.4	121
72	Hydrogen sulfide accounts for the peripheral vascular effects of zofenopril independently of ACE inhibition. Cardiovascular Research, 2014, 102, 138-147.	3.8	88

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73	PDE5 inhibition against acute renal ischemia reperfusion injury in rats: does vardenafil offer protection?. World Journal of Urology, 2013, 31, 597-602.	2.2	14
74	Oxidative stress suppresses the cellular bioenergetic effect of the 3-mercaptopyruvate sulfurtransferase/hydrogen sulfide pathway. Biochemical and Biophysical Research Communications, 2013, 433, 401-407.	2.1	70
75	Tumor-derived hydrogen sulfide, produced by cystathionine-Î²-synthase, stimulates bioenergetics, cell proliferation, and angiogenesis in colon cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12474-12479.	7.1	601
76	Insights into Soluble Guanylyl Cyclase Activation Derived from Improved Heme-Mimetics. Journal of Medicinal Chemistry, 2013, 56, 8948-8952.	6.4	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. Biochemical Pharmacology, 2013, 86, 1311-1319.	4.4	82
78	Modulation of the release of Ang-2 in experimental endotoxic shock by a species-specific circulating factor. Injury, 2013, 44, 935-940.	1.7	4
79	Intramitochondrial hydrogen sulfide production by 3â€mercaptopyruvate sulfurtransferase maintains mitochondrial electron flow and supports cellular bioenergetics. FASEB Journal, 2013, 27, 601-611.	0.5	252
80	Selectivity of commonly used pharmacological inhibitors for cystathionine Î² synthase (<scp>CBS</scp>) and cystathionine Î³ lyase (<scp>CSE</scp>). British Journal of Pharmacology, 2013, 169, 922-932.	5.4	340
81	The Role of Soluble Guanylyl Cyclase in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 789-799.	5.6	30
82	Soluble guanylyl cyclase is a target of angiotensin II-induced nitrosative stress in a hypertensive rat model. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H597-H604.	3.2	46
83	Nitric oxide regulates cytokine induction in the diaphragm in response to inspiratory resistive breathing. Journal of Applied Physiology, 2012, 113, 1594-1603.	2.5	17
84	Angiopoietin-2 Enhances Survival in Experimental Sepsis Induced by Multidrug-ResistantPseudomonas aeruginosa. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 278-287.	2.5	19
85	Hydrogen sulfide and nitric oxide are mutually dependent in the regulation of angiogenesis and endothelium-dependent vasorelaxation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9161-9166.	7.1	572
86	Short-term statin administration in hypercholesterolaemic rabbits resistant to postconditioning: effects on infarct size, endothelial nitric oxide synthase, and nitro-oxidative stress. Cardiovascular Research, 2012, 94, 501-509.	3.8	55
87	A novel angiopoietinâ€derived peptide displays antiâ€angiogenic activity and inhibits tumourâ€induced and retinal neovascularization. British Journal of Pharmacology, 2012, 165, 1891-1903.	5.4	13
88	Thioglycine and l-thiovaline: Biologically active H2S-donors. Bioorganic and Medicinal Chemistry, 2012, 20, 2675-2678.	3.0	61
89	cGMP-Dependent Protein Kinase Contributes to Hydrogen Sulfide-Stimulated Vasorelaxation. PLoS ONE, 2012, 7, e53319.	2.5	116
90	Mastic Oil Inhibits the Metastatic Phenotype of Mouse Lung Adenocarcinoma Cells. Cancers, 2011, 3, 789-801.	3.7	12

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91	Hydrogen sulphide and angiogenesis: mechanisms and applications. British Journal of Pharmacology, 2011, 164, 853-865.	5.4	186
92	Hydrogen sulfide replacement therapy protects the vascular endothelium in hyperglycemia by preserving mitochondrial function. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13829-13834.	7.1	254
93	Inhibition of Nitric Oxideâ€"Stimulated Vasorelaxation by Carbon Monoxide-Releasing Molecules. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2570-2576.	2.4	43
94	MAPKs and NF-Îº B differentially regulate cytokine expression in the diaphragm in response to resistive breathing: the role of oxidative stress. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1152-R1162.	1.8	48
95	Inhibition of endothelial nitric oxide synthase by the lipid phosphatase PTEN. Vascular Pharmacology, 2010, 52, 191-198.	2.1	15
96	PKG-I inhibition attenuates vascular endothelial growth factor-stimulated angiogenesis. Vascular Pharmacology, 2010, 53, 215-222.	2.1	19
97	Synthesis and biological evaluation of oxadiazole derivatives as inhibitors of soluble guanylyl cyclase. Bioorganic and Medicinal Chemistry, 2010, 18, 1288-1296.	3.0	24
98	The soluble guanylyl cyclase inhibitor NS-2028 reduces vascular endothelial growth factor-induced angiogenesis and permeability. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R824-R832.	1.8	31
99	Hydrogen Sulfide Is an Endogenous Inhibitor of Phosphodiesterase Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1998-2004.	2.4	300
100	Nitric Oxide Stimulates Interleukin-6 Production in Skeletal Myotubes. Journal of Interferon and Cytokine Research, 2010, 30, 321-327.	1.2	22
101	Antioxidant Supplementation Alters Cytokine Production From Monocytes. Journal of Interferon and Cytokine Research, 2009, 29, 741-748.	1.2	5
102	ADMA injures the glomerular filtration barrier: role of nitric oxide and superoxide. American Journal of Physiology - Renal Physiology, 2009, 296, F1386-F1395.	2.7	40
103	Hydrogen sulfide is an endogenous stimulator of angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21972-21977.	7.1	768
104	Angiopoietin-2 is increased in septic shock: Evidence for the existence of a circulating factor stimulating its release from human monocytes. Immunology Letters, 2009, 125, 65-71.	2.5	44
105	Tricyclic indole and dihydroindole derivatives as new inhibitors of soluble guanylate cyclase. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4810-4813.	2.2	15
106	Protective Effects of Mastic Oil FromPistacia LentiscusVariationChiaAgainst Experimental Growth of Lewis Lung Carcinoma. Nutrition and Cancer, 2009, 61, 640-648.	2.0	51
107	The Angiopoietin/Tie2 Axis Mediates Malignant Pleural Effusion Formation. Neoplasia, 2009, 11, 298-304.	5.3	21
108	Design and synthesis of nitrate esters of aromatic heterocyclic compounds as pharmacological preconditioning agents. Bioorganic and Medicinal Chemistry, 2008, 16, 4523-4531.	3.0	11

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109	cGMPâ€independent antiâ€tumour actions of the inhibitor of soluble guanylyl cyclase, ODQ, in prostate cancer cell lines. British Journal of Pharmacology, 2008, 155, 804-813.	5.4	16
110	Soluble guanylyl cyclase activation by HMR-1766 (ataciguat) in cells exposed to oxidative stress. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1763-H1771.	3.2	46
111	Protein Kinase G Phosphorylates Soluble Guanylyl Cyclase on Serine 64 and Inhibits Its Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1803-1810.	2.4	37
112	Angiopoietin-1 Protects against Airway Inflammation and Hyperreactivity in Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1314-1321.	5.6	52
113	The Insertion/Deletion Polymorphism of the Angiotensin Converting Enzyme (ACE) in Parkinson's Disease. The Open Neurology Journal, 2008, 2, 66-70.	0.4	3
114	Inhibition of Poly (ADPâ€ribose) Polymerase (PARP) by PJâ€34 regulates angiogenesis and VEGFâ€induced MAPKâ€signalling. FASEB Journal, 2008, 22, 746.10.	0.5	0
115	The hydrogen sulfide donor IKâ€1001 stimulates neovascularization and improves wound healing. FASEB Journal, 2008, 22, 912.42.	0.5	6
116	Inhibition of angiogenesis by the poly(ADP-ribose) polymerase inhibitor PJ-34. International Journal of Molecular Medicine, 2008, 22, 113-8.	4.0	45
117	Chaperone-dependent E3 ligase CHIP ubiquitinates and mediates proteasomal degradation of soluble guanylyl cyclase. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3080-H3087.	3.2	30
118	Soluble guanylyl cyclase expression is reduced in LPS-induced lung injury. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1448-R1455.	1.8	14
119	Angiopoietin-2 is increased in severe sepsis: Correlation with inflammatory mediators. Critical Care Medicine, 2007, 35, 199-206.	0.9	187
120	cGMP-dependent and -independent angiogenesis-related properties of nitric oxide. Life Sciences, 2007, 81, 1549-1554.	4.3	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?. Respiratory Research, 2007, 8, 53.	3.6	37
122	The phosphodiesterase 5 inhibitor sildenafil stimulates angiogenesis through a protein kinase G/MAPK pathway. Journal of Cellular Physiology, 2007, 211, 197-204.	4.1	82
123	Regulation of the expression of soluble guanylyl cyclase by reactive oxygen species. British Journal of Pharmacology, 2007, 150, 1084-1091.	5.4	68
124	Antiâ€angiogenic properties of a sulindac analogue. British Journal of Pharmacology, 2007, 152, 1207-1214.	5.4	17
125	Role of eNOS phosphorylation at Ser-116 in regulation of eNOS activity in endothelial cells. Vascular Pharmacology, 2007, 47, 257-264.	2.1	38
126	A ginsengâ€derived oestrogen receptor Î² (ERÎ²) agonist, Rb1 ginsenoside, attenuates capillary morphogenesis. British Journal of Pharmacology, 2007, 152, 172-174.	5.4	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.	2.0	77
128	Vascular endothelial growth factorâ€“mediated induction of angiogenesis by human rhinoviruses. Journal of Allergy and Clinical Immunology, 2006, 117, 291-297.	2.9	81
129	Angiopoietin-2 Levels Are Elevated in Exudative Pleural Effusions. Chest, 2006, 129, 1259-1266.	0.8	32
130	Inhaled activated protein C attenuates lung injury induced by aerosolized endotoxin in mice. Vascular Pharmacology, 2006, 45, 134-140.	2.1	67
131	Regulation of Ang2 release by PTEN/PI3-kinase/Akt in lung microvascular endothelial cells. Journal of Cellular Physiology, 2006, 207, 506-511.	4.1	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.	2.9	32
134	Soluble Guanylyl Cyclase Activation Promotes Angiogenesis. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 663-671.	2.5	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.	3.6	100
137	Angiopoietin-2 Causes Inflammation in Vivo by Promoting Vascular Leakage. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 738-744.	2.5	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.	2.3	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.	2.2	2
140	Structural and Functional Characterization of the Dimerization Region of Soluble Guanylyl Cyclase. Journal of Biological Chemistry, 2004, 279, 24935-24943.	3.4	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.	2.3	48
142	Perillyl Alcohol Is an Angiogenesis Inhibitor. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 568-575.	2.5	80
143	Angiopoietinâ€1 inhibits endothelial permeability, neutrophil adherence and ILâ€8 production. British Journal of Pharmacology, 2003, 139, 329-336.	5.4	140
144	Angiopoietins in angiogenesis and beyond. Expert Opinion on Investigational Drugs, 2003, 12, 933-941.	4.1	98

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145	Production of Interleukin-6 by Skeletal Myotubes. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 587-593.	2.9	159
146	Luteolin Reduces Lipopolysaccharide-induced Lethal Toxicity and Expression of Proinflammatory Molecules in Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 818-823.	5.6	140
147	Inhibition of LPS-stimulated pathways in macrophages by the flavonoid luteolin. British Journal of Pharmacology, 2002, 136, 1058-1064.	5.4	158
148	Regulation of the nitric oxide synthase-nitric oxide- cGMP pathway in rat mesenteric endothelial cells. Journal of Applied Physiology, 2001, 91, 2553-2560.	2.5	10
149	Reactive oxygen species stimulate VEGF production from C₂C₁₂skeletal myotubes through a PI3K/Akt pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L585-L592.	2.9	62
150	Molecular aspects of soluble guanylyl cyclase regulation. General Pharmacology, 2000, 34, 147-157.	0.7	59
151	Quantification of eNOS mRNA in the canine cardiac vasculature by competitive PCR. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H658-H665.	3.2	14
152	Angiopoietin-1 Inhibits Endothelial Cell Apoptosis via the Akt/Survivin Pathway. Journal of Biological Chemistry, 2000, 275, 9102-9105.	3.4	552
153	Molecular control of nitric oxide synthases in the cardiovascular system. Cardiovascular Research, 1999, 43, 509-520.	3.8	164
154	Trafficking of Endothelial Nitric-oxide Synthase in Living Cells. Journal of Biological Chemistry, 1999, 274, 22524-22531.	3.4	104
155	Regulation of endothelium-derived nitric oxide production by the protein kinase Akt. Nature, 1999, 399, 597-601.	27.8	2,384
156	Impaired endothelial nitric oxide synthase activity associated with enhanced caveolin binding in experimental cirrhosis in the rat. Gastroenterology, 1999, 117, 1222-1228.	1.3	307
157	Nitric Oxide Synthase Biology: Insights Gained from â€˜Knockoutâ€™ Mice. , 1999, , 96-110.		0
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