Christopher G Sobey

List of Publications by Year
in descending order

237 papers	15,019 citations	18482 62 h-index	22832 112 g-index
242 all docs	242 docs citations	242 times ranked	19766 citing authors

#	Article	IF	Citations
1	Apoptotic Mechanisms After Cerebral Ischemia. Stroke, 2009, 40, e331-9.	2.0	1,036
2	Combating oxidative stress in vascular disease: NADPH oxidases as therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 453-471.	46.4	763
3	Goals and practicalities of immunoblotting and immunohistochemistry: A guide for submission to the British Journal of Pharmacology. British Journal of Pharmacology, 2018, 175, 407-411.	5.4	519
4	Pathophysiology, treatment, and animal and cellular models of human ischemic stroke. Molecular Neurodegeneration, 2011, 6, 11.	10.8	431
5	Roles of Inflammation, Oxidative Stress, and Vascular Dysfunction in Hypertension. BioMed Research International, 2014, 2014, 1-11.	1.9	419
6	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Introduction and Other Protein Targets. British Journal of Pharmacology, 2019, 176, S1-S20.	5.4	295
7	Immune mechanisms of hypertension. Nature Reviews Immunology, 2019, 19, 517-532.	22.7	281
8	Pathogenesis of acute stroke and the role of inflammasomes. Ageing Research Reviews, 2013, 12, 941-966.	10.9	275
9	Direct evidence of a role for Nox2 in superoxide production, reduced nitric oxide bioavailability, and early atherosclerotic plaque formation in ApoE^{âˆ’/âˆ’}mice. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H24-H32.	3.2	259
10	Endothelial NADPH oxidases: which NOX to target in vascular disease?. Trends in Endocrinology and Metabolism, 2014, 25, 452-463.	7.1	255
11	Evidence that NF-ÎºB and MAPK Signaling Promotes NLRP Inflammasome Activation in Neurons Following Ischemic Stroke. Molecular Neurobiology, 2018, 55, 1082-1096.	4.0	245
12	Potassium Channel Function in Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 28-38.	2.4	222
13	NADPH oxidases in the vasculature: Molecular features, roles in disease and pharmacological inhibition. , 2008, 120, 254-291.		221
14	NADPH Oxidase Activity and Function Are Profoundly Greater in Cerebral Versus Systemic Arteries. Circulation Research, 2005, 97, 1055-1062.	4.5	198
15	Targeting Rho and Rho-kinase in the treatment of cardiovascular disease. Trends in Pharmacological Sciences, 2006, 27, 97-104.	8.7	188
16	Obligatory Role for B Cells in the Development of Angiotensin IIâ€"Dependent Hypertension. Hypertension, 2015, 66, 1023-1033.	2.7	185
17	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Introduction and Other Protein Targets. British Journal of Pharmacology, 2021, 178, S1-S26.	5.4	183
18	Immune Cell Infiltration in Malignant Middle Cerebral Artery Infarction: Comparison with Transient Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 450-459.	4.3	180

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19	A practical guide for transparent reporting of research on natural products in the <i>British Journal of Pharmacology</i>: Reproducibility of natural product research. British Journal of Pharmacology, 2020, 177, 2169-2178.	5.4	177
20	Importance of T Lymphocytes in Brain Injury, Immunodeficiency, and Recovery after Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 598-611.	4.3	166
21	Pharmacological inhibition of the NLRP3 inflammasome reduces blood pressure, renal damage, and dysfunction in salt-sensitive hypertension. Cardiovascular Research, 2019, 115, 776-787.	3.8	165
22	Oxidative stress and endothelial dysfunction in cerebrovascular disease. Frontiers in Bioscience - Landmark, 2011, 16, 1733.	3.0	160
23	Multiphoton imaging reveals a new leukocyte recruitment paradigm in the glomerulus. Nature Medicine, 2013, 19, 107-112.	30.7	154
24	SUBARACHNOID HAEMORRHAGE: WHAT HAPPENS TO THE CEREBRAL ARTERIES?. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 867-876.	1.9	149
25	Mechanisms Contributing to Cerebral Infarct Size after Stroke: Gender, Reperfusion, T Lymphocytes, and Nox2-Derived Superoxide. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1306-1317.	4.3	144
26	Mechanisms of Bradykinin-Induced Cerebral Vasodilatation in Rats. Stroke, 1997, 28, 2290-2295.	2.0	144
27	Increased NADPH-Oxidase Activity and Nox4 Expression During Chronic Hypertension Is Associated With Enhanced Cerebral Vasodilatation to NADPH In Vivo. Stroke, 2004, 35, 584-589.	2.0	143
28	Effect of Gender on NADPH-Oxidase Activity, Expression, and Function in the Cerebral Circulation. Stroke, 2007, 38, 2142-2149.	2.0	133
29	Role of Potassium Channels in Regulation of Cerebral Vascular Tone. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 1047-1063.	4.3	129
30	Evidence that NLRC4 inflammasome mediates apoptotic and pyroptotic microglial death following ischemic stroke. Brain, Behavior, and Immunity, 2019, 75, 34-47.	4.1	129
31	Evidence That Macrophages in Atherosclerotic Lesions Contain Angiotensin II. Circulation, 1998, 98, 800-807.	1.6	127
32	Bacteriophages in Natural and Artificial Environments. Pathogens, 2019, 8, 100.	2.8	124
33	Role of CCR2 in Inflammatory Conditions of the Central Nervous System. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1425-1429.	4.3	121
34	Evidence That Ly6C ^{hi} Monocytes Are Protective in Acute Ischemic Stroke by Promoting M2 Macrophage Polarization. Stroke, 2015, 46, 1929-1937.	2.0	121
35	Risk of Major Cardiovascular Events in People with Down Syndrome. PLoS ONE, 2015, 10, e0137093.	2.5	113
36	Evidence That Rho-Kinase Activity Contributes to Cerebral Vascular Tone In Vivo and Is Enhanced During Chronic Hypertension. Circulation Research, 2001, 88, 774-779.	4.5	112

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37	Endothelial Cell Mineralocorticoid Receptors Regulate Deoxycorticosterone/Salt-Mediated Cardiac Remodeling and Vascular Reactivity But Not Blood Pressure. Hypertension, 2014, 63, 1033-1040.	2.7	111
38	Endosomal NOX2 oxidase exacerbates virus pathogenicity and is a target for antiviral therapy. Nature Communications, 2017, 8, 69.	12.8	111
39	M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H906-H917.	3.2	109
40	Endothelium-dependent relaxation by G protein-coupled receptor 30 agonists in rat carotid arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1055-H1061.	3.2	108
41	EFFECT OF GENDER AND SEX HORMONES ON VASCULAR OXIDATIVE STRESS. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1037-1043.	1.9	107
42	Novel isoforms of NADPH-oxidase in cerebral vascular control. , 2006, 111, 928-948.		106
43	Reversal of Vascular Macrophage Accumulation and Hypertension by a CCR2 Antagonist in Deoxycorticosterone/Salt-Treated Mice. Hypertension, 2012, 60, 1207-1212.	2.7	103
44	NADPH oxidase isoform selective regulation of endothelial cell proliferation and survival. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 193-204.	3.0	95
45	Nox isoforms in vascular pathophysiology: insights from transgenic and knockout mouse models. Redox Report, 2010, 15, 50-63.	4.5	92
46	Effects of a Novel Inhibitor of Guanylyl Cyclase on Dilator Responses of Mouse Cerebral Arterioles. Stroke, 1997, 28, 837-843.	2.0	89
47	Sex-Dependent Effects of G Proteinâ€“Coupled Estrogen Receptor Activity on Outcome After Ischemic Stroke. Stroke, 2014, 45, 835-841.	2.0	88
48	NADPH Oxidases as Regulators of Tumor Angiogenesis: Current and Emerging Concepts. Antioxidants and Redox Signaling, 2012, 16, 1229-1247.	5.4	86
49	Notch signaling and neuronal death in stroke. Progress in Neurobiology, 2018, 165-167, 103-116.	5.7	85
50	Isoflavones, Equol and Cardiovascular Disease: Pharmacological and Therapeutic Insights. Current Medicinal Chemistry, 2007, 14, 2824-2830.	2.4	79
51	Gender Influences Cerebral Vascular Responses to Angiotensin II Through Nox2-Derived Reactive Oxygen Species. Stroke, 2009, 40, 1091-1097.	2.0	79
52	Evidence for Selective Effects of Chronic Hypertension on Cerebral Artery Vasodilatation to Protease-Activated Receptor-2 Activation. Stroke, 1999, 30, 1933-1941.	2.0	77
53	Evidence that Î³-Secretase-Mediated Notch Signaling Induces Neuronal Cell Death via the Nuclear Factor-ÎºB-Bcl-2-Interacting Mediator of Cell Death Pathway in Ischemic Stroke. Molecular Pharmacology, 2011, 80, 23-31.	2.3	77
54	The opposing roles of NO and oxidative stress in cardiovascular disease. Pharmacological Research, 2017, 116, 57-69.	7.1	76

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55	Evidence that collaboration between HIF-1Î± and Notch-1 promotes neuronal cell death in ischemic stroke. Neurobiology of Disease, 2014, 62, 286-295.	4.4	75
56	Role of Nox isoforms in angiotensin II-induced oxidative stress and endothelial dysfunction in brain. Journal of Applied Physiology, 2012, 113, 184-191.	2.5	74
57	Targeting the Immune System for Ischemic Stroke. Trends in Pharmacological Sciences, 2021, 42, 96-105.	8.7	72
58	Pathophysiology of blood brain barrier dysfunction during chronic cerebral hypoperfusion in vascular cognitive impairment. Theranostics, 2022, 12, 1639-1658.	10.0	72
59	Evidence That Estrogen Suppresses Rho-Kinase Function in the Cerebral Circulation In Vivo. Stroke, 2004, 35, 2200-2205.	2.0	71
60	AIM2 inflammasome mediates hallmark neuropathological alterations and cognitive impairment in a mouse model of vascular dementia. Molecular Psychiatry, 2021, 26, 4544-4560.	7.9	71
61	Nox2 Oxidase Activity Accounts for the Oxidative Stress and Vasomotor Dysfunction in Mouse Cerebral Arteries following Ischemic Stroke. PLoS ONE, 2011, 6, e28393.	2.5	71
62	Nitroxyl (HNO) as a Vasoprotective Signaling Molecule. Antioxidants and Redox Signaling, 2011, 14, 1675-1686.	5.4	70
63	Importance of NOX1 for angiotensin II-induced cerebrovascular superoxide production and cortical infarct volume following ischemic stroke. Brain Research, 2009, 1286, 215-220.	2.2	67
64	Augmented Superoxide Production By Nox2-Containing NADPH Oxidase Causes Cerebral Artery Dysfunction During Hypercholesterolemia. Stroke, 2010, 41, 784-789.	2.0	67
65	Chemokine-related gene expression in the brain following ischemic stroke: No role for CXCR2 in outcome. Brain Research, 2011, 1372, 169-179.	2.2	67
66	Vasorelaxant and antioxidant activity of the isoflavone metabolite equol in carotid and cerebral arteries. Brain Research, 2007, 1141, 99-107.	2.2	65
67	Post-stroke inflammation and the potential efficacy of novel stem cell therapies: focus on amnion epithelial cells. Frontiers in Cellular Neuroscience, 2013, 6, 66.	3.7	65
68	Flow-Induced Cerebral Vasodilatation in Vivo Involves Activation of Phosphatidylinositol-3 Kinase, NADPH-Oxidase, and Nitric Oxide Synthase. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 836-845.	4.3	63
69	NADPH-oxidase activity is elevated in penumbral and non-ischemic cerebral arteries following stroke. Brain Research, 2006, 1111, 111-116.	2.2	63
70	NADPH oxidase activity is higher in cerebral versus systemic arteries of four animal species: role of Nox2. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H220-H225.	3.2	63
71	MouseMove: an open source program for semi-automated analysis of movement and cognitive testing in rodents. Scientific Reports, 2015, 5, 16171.	3.3	61
72	Activin and NADPH-oxidase in preeclampsia: insights from inÂvitro and murine studies. American Journal of Obstetrics and Gynecology, 2015, 212, 86.e1-86.e12.	1.3	60

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73	Vitamin D3 Supplementation Reduces Subsequent Brain Injury and Inflammation Associated with Ischemic Stroke. NeuroMolecular Medicine, 2018, 20, 147-159.	3.4	60
74	Role of inwardly rectifying K+ channels in K+-induced cerebral vasodilatation in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H2704-H2712.	3.2	59
75	Treatment with an interleukin-1 receptor antagonist mitigates neuroinflammation and brain damage after polytrauma. Brain, Behavior, and Immunity, 2017, 66, 359-371.	4.1	59
76	Recent Evidence for an Involvement of Rho-Kinase in Cerebral Vascular Disease. Stroke, 2006, 37, 2174-2180.	2.0	58
77	<scp>P</scp>in1 promotes neuronal death in stroke by stabilizing <scp>N</scp>otch intracellular domain. Annals of Neurology, 2015, 77, 504-516.	5.3	58
78	Aldosterone-induced oxidative stress and inflammation in the brain are mediated by the endothelial cell mineralocorticoid receptor. Brain Research, 2016, 1637, 146-153.	2.2	58
79	Vascular dysfunction in cerebrovascular disease: mechanisms and therapeutic intervention. Clinical Science, 2010, 119, 1-17.	4.3	57
80	Vascular cognitive impairment and Alzheimerâ€™s disease: role of cerebral hypoperfusion and oxidative stress. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 953-959.	3.0	55
81	Vitamin D Deficiency and the Risk of Cerebrovascular Disease. Antioxidants, 2020, 9, 327.	5.1	55
82	Angiotensin II Type 2 Receptor Stimulation Initiated After Stroke Causes Neuroprotection in Conscious Rats. Hypertension, 2012, 60, 1531-1537.	2.7	54
83	PI3KÎ´ inhibition reduces TNF secretion and neuroinflammation in a mouse cerebral stroke model. Nature Communications, 2014, 5, 3450.	12.8	54
84	Acute or Delayed Systemic Administration of Human Amnion Epithelial Cells Improves Outcomes in Experimental Stroke. Stroke, 2018, 49, 700-709.	2.0	53
85	Arachidonate dilates basilar artery by lipoxygenase-dependent mechanism and activation of K⁺channels. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R246-R253.	1.8	51
86	Reactive Oxygen Species in the Cerebral Circulation: Are They All Bad?. Antioxidants and Redox Signaling, 2006, 8, 1113-1120.	5.4	51
87	Stroke Increases G Protein-Coupled Estrogen Receptor Expression in the Brain of Male but Not Female Mice. NeuroSignals, 2013, 21, 229-239.	0.9	51
88	Inhibitory effect of 4-aminopyridine on responses of the basilar artery to nitric oxide. British Journal of Pharmacology, 1999, 126, 1437-1443.	5.4	50
89	Effect of Short-Term Phytoestrogen Treatment in Male Rats on Nitric Oxide-Mediated Responses of Carotid and Cerebral Arteries: Comparison with 17Î²-Estradiol. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 135-140.	2.5	50
90	Activation of Protease-Activated Receptor-2 (PAR-2) Elicits Nitric Oxideâ€"Dependent Dilatation of the Basilar Artery In Vivo. Stroke, 1998, 29, 1439-1444.	2.0	49

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91	Cerebral vascular effects of reactive oxygen species: Recent evidence for a role of NADPH-oxidase. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 855-859.	1.9	49
92	Cell-Based Therapies for Stroke: Are We There Yet?. Frontiers in Neurology, 2019, 10, 656.	2.4	49
93	Pressor response to angiotensin II is enhanced in aged mice and associated with inflammation, vasoconstriction and oxidative stress. Aging, 2017, 9, 1595-1606.	3.1	49
94	Nox1 Oxidase Suppresses Influenza A Virus-Induced Lung Inflammation and Oxidative Stress. PLoS ONE, 2013, 8, e60792.	2.5	47
95	Evidence That the EphA2 Receptor Exacerbates Ischemic Brain Injury. PLoS ONE, 2013, 8, e53528.	2.5	46
96	Potassium channels mediate dilatation of cerebral arterioles in response to arachidonate. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1606-H1612.	3.2	43
97	Cerebrovascular Dysfunction After Subarachnoid Haemorrhage: Novel Mechanisms And Directions For Therapy. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 926-929.	1.9	43
98	The Vascular Consequences of Metabolic Syndrome: Rodent Models, Endothelial Dysfunction, and Current Therapies. Frontiers in Pharmacology, 2020, 11, 148.	3.5	43
99	The role of inflammasomes in vascular cognitive impairment. Molecular Neurodegeneration, 2022, 17, 4.	10.8	43
100	Contribution Of Nitric Oxide, Cyclic Gmp And K+ Channels To Acetylcholine-Induced Dilatation Of Rat Conduit And Resistance Arteries. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 34-40.	1.9	41
101	Effect of a Broad-Specificity Chemokine-Binding Protein on Brain Leukocyte Infiltration and Infarct Development. Stroke, 2015, 46, 537-544.	2.0	41
102	Updating the guidelines for data transparency in the British Journal of Pharmacology â€“ data sharing and the use of scatter plots instead of bar charts. British Journal of Pharmacology, 2017, 174, 2801-2804.	5.4	41
103	Evidence that nitric oxide inhibits vascular inflammation and superoxide production via a p47^{phox}â€dependent mechanism in mice. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 429-434.	1.9	40
104	Intravenous immunoglobulin protects neurons against amyloid betaâ€peptide toxicity and ischemic stroke by attenuating multiple cell death pathways. Journal of Neurochemistry, 2012, 122, 321-332.	3.9	40
105	Segmental Differences in the Roles of Rho-Kinase and Protein Kinase C in Mediating Vasoconstriction. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 791-796.	2.5	39
106	Evidence that neuronal Notch-1 promotes JNK/c-Jun activation and cell death following ischemic stress. Brain Research, 2014, 1586, 193-202.	2.2	39
107	IL-33 modulates inflammatory brain injury but exacerbates systemic immunosuppression following ischemic stroke. JCI Insight, 2018, 3, .	5.0	39
108	Anakinra reduces blood pressure and renal fibrosis in one kidney/DOCA/salt-induced hypertension. Pharmacological Research, 2017, 116, 77-86.	7.1	38

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109	Inwardly Rectifying Potassium Channels in the Regulation of Vascular Tone. Current Drug Targets, 2003, 4, 281-289.	2.1	38
110	Advanced atherosclerosis is associated with inflammation, vascular dysfunction and oxidative stress, but not hypertension. Pharmacological Research, 2017, 116, 70-76.	7.1	37
111	Interplay between Notch and p53 promotes neuronal cell death in ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1781-1795.	4.3	37
112	Selective Effects of Subarachnoid Hemorrhage on Cerebral Vascular Responses to 4-Aminopyridine in Rats. Stroke, 2000, 31, 2460-2465.	2.0	36
113	Myocardial ischaemia: What happens to the coronary arteries?. Trends in Pharmacological Sciences, 1993, 14, 448-453.	8.7	35
114	Reactive Oxygen Species in the Cerebral Circulation. Drugs, 2004, 64, 2143-2157.	10.9	35
115	Danger signals in stroke. Ageing Research Reviews, 2015, 24, 77-82.	10.9	35
116	Aged rats have an altered immune response and worse outcomes after traumatic brain injury. Brain, Behavior, and Immunity, 2019, 80, 536-550.	4.1	35
117	Brain immune cell composition and functional outcome after cerebral ischemia: comparison of two mouse strains. Frontiers in Cellular Neuroscience, 2014, 8, 365.	3.7	34
118	Chronic aldosterone administration causes Nox2-mediated increases in reactive oxygen species production and endothelial dysfunction in the cerebral circulation. Journal of Hypertension, 2014, 32, 1815-1821.	0.5	34
119	Transcriptome analysis reveals intermittent fasting-induced genetic changes in ischemic stroke. Human Molecular Genetics, 2018, 27, 1497-1513.	2.9	34
120	Opposing Roles of Endothelial and Smooth Muscle Phosphatidylinositol 3-Kinase in Vasoconstriction: Effects of Rho-Kinase and Hypertension. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 1248-1253.	2.5	33
121	The need to incorporate aged animals into the preclinical modeling of neurological conditions. Neuroscience and Biobehavioral Reviews, 2020, 109, 114-128.	6.1	33
122	Antibodies in the Pathogenesis of Hypertension. BioMed Research International, 2014, 2014, 1-9.	1.9	31
123	Role of soluble guanylate cyclase in dilator responses of the cerebral microcirculation. Brain Research, 1999, 821, 368-373.	2.2	30
124	Vasorelaxant and antiaggregatory actions of the nitroxyl donor isopropylamine NONOate are maintained in hypercholesterolemia. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1405-H1414.	3.2	30
125	Epigenetic regulation of inflammation in stroke. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641877181.	3.5	30
126	Neuroprotective effect of an angiotensin receptor type 2 agonist following cerebral ischemia in vitro and in vivo. Experimental & Translational Stroke Medicine, 2012, 4, 16.	3.2	29

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127	Impaired cerebral vasodilator responses to NO and PDE V inhibition after subarachnoid hemorrhage. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1718-H1724.	3.2	28
128	Ghrelin-Related Peptides Exert Protective Effects in the Cerebral Circulation of Male Mice Through a Nonclassical Ghrelin Receptor(s). Endocrinology, 2015, 156, 280-290.	2.8	28
129	Evidence for a detrimental role of TLR8 in ischemic stroke. Experimental Neurology, 2013, 250, 341-347.	4.1	27
130	Phase 1 Trial of Amnion Cell Therapy for Ischemic Stroke. Frontiers in Neurology, 2018, 9, 198.	2.4	27
131	Behavioral, axonal, and proteomic alterations following repeated mild traumatic brain injury: Novel insights using a clinically relevant rat model. Neurobiology of Disease, 2021, 148, 105151.	4.4	27
132	Bradykinin B2 receptor antagonism: a new direction for acute stroke therapy?. British Journal of Pharmacology, 2003, 139, 1369-1371.	5.4	26
133	Evidence That Expression of Inducible Nitric Oxide Synthase in Response to Endotoxin Is Augmented in Atherosclerotic Rabbits. Circulation Research, 1995, 77, 536-543.	4.5	26
134	Effect of a Selective Mas Receptor Agonist in Cerebral Ischemia In Vitro and In Vivo. PLoS ONE, 2015, 10, e0142087.	2.5	26
135	The anti-platelet effects of apocynin in mice are not mediated by inhibition of NADPH oxidase activity. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 377-384.	3.0	25
136	Mild Closed-Head Injury in Conscious Rats Causes Transient Neurobehavioral and Glial Disturbances: A Novel Experimental Model of Concussion. Journal of Neurotrauma, 2019, 36, 2260-2271.	3.4	25
137	Impaired endotheliumâ€dependent relaxation of dog coronary arteries after myocardial ischaemia and reperfusion: prevention by amlodipine, propranolol and allopurinol. British Journal of Pharmacology, 1992, 105, 557-562.	5.4	24
138	Inhibitory Effects of Protein Kinase C on Inwardly Rectifying K + - and ATP-Sensitive K + Channel-Mediated Responses of the Basilar Artery. Stroke, 2002, 33, 1692-1697.	2.0	24
139	Nitroxyl (HNO) suppresses vascular Nox2 oxidase activity. Free Radical Biology and Medicine, 2013, 60, 264-271.	2.9	24
140	Emerging roles of the Î³-secretase-notch axis in inflammation. , 2015, 147, 80-90.		24
141	IL-37 increases in patients after ischemic stroke and protects from inflammatory brain injury, motor impairment and lung infection in mice. Scientific Reports, 2019, 9, 6922.	3.3	24
142	Vascular expression, activity and function of indoleamine 2,3-dioxygenase-1 following cerebral ischaemiaâ€"reperfusion in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 471-481.	3.0	23
143	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. Hypertension, 2021, 78, 1296-1309.	2.7	22
144	Reduced renal function may explain the higher prevalence of hyperuricemia in older people. Scientific Reports, 2021, 11, 1302.	3.3	22

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145	POTASSIUM CHANNELS AND THE CEREBRAL CIRCULATION. Clinical and Experimental Pharmacology and Physiology, 1996, 23, 1091-1095.	1.9	21
146	Chronic mevastatin modulates receptor-dependent vascular contraction in eNOS-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R342-R348.	1.8	21
147	NADPH-Induced Contractions of Mouse Aorta Do Not Involve NADPH Oxidase: A Role for P2X Receptors. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 644-650.	2.5	21
148	Brain infarct volume after permanent focal ischemia is not dependent on Nox2 expression. Brain Research, 2012, 1483, 105-111.	2.2	21
149	NOX2 oxidase expressed in endosomes promotes cell proliferation and prostate tumour development. Oncotarget, 2018, 9, 35378-35393.	1.8	21
150	Evidence of CCR2-independent transmigration of Ly6C hi monocytes into the brain after permanent cerebral ischemia in mice. Brain Research, 2016, 1637, 118-127.	2.2	20
151	Amnion epithelial cells â€" a novel therapy for ischemic stroke?. Neural Regeneration Research, 2018, 13, 1346.	3.0	20
152	The IL-18/IL-18R1 signalling axis: Diagnostic and therapeutic potential in hypertension and chronic kidney disease. , 2022, 239, 108191.		20
153	Neuronal NO Mediates Cerebral Vasodilator Responses to K + in Hypertensive Rats. Hypertension, 2002, 39, 880-885.	2.7	19
154	Influence of Gender on K + -Induced Cerebral Vasodilatation. Stroke, 2004, 35, 747-752.	2.0	19
155	Self-assembling injectable peptide hydrogels for emerging treatment of ischemic stroke. Journal of Materials Chemistry B, 2019, 7, 3927-3943.	5.8	19
156	Hyperuricemia is independently associated with hypertension in men under 60 years in a general Chinese population. Journal of Human Hypertension, 2021, 35, 1020-1028.	2.2	19
157	Effect of Subarachnoid Hemorrhage on Cerebral Vasodilatation in Response to Activation of ATP-Sensitive K + Channels in Chronically Hypertensive Rats. Stroke, 1997, 28, 392-397.	2.0	19
158	Ischemic stroke and infection: A brief update on mechanisms and potential therapies. Biochemical Pharmacology, 2021, 193, 114768.	4.4	18
159	Intravenous immunoglobulin (IVIg) provides protection against endothelial cell dysfunction and death in ischemic stroke. Experimental & Translational Stroke Medicine, 2014, 6, 7.	3.2	17
160	Genome-Wide Transcriptome Analysis Reveals Intermittent Fasting-Induced Metabolic Rewiring in the Liver. Dose-Response, 2019, 17, 155932581987678.	1.6	16
161	Aldosterone-induced hypertension is sex-dependent, mediated by T cells and sensitive to GPER activation. Cardiovascular Research, 2021, 117, 960-970.	3.8	16
162	Allopurinol and amlodipine improve coronary vasodilatation after myocardial ischaemia and reperfusion in anaesthetized dogs. British Journal of Pharmacology, 1993, 108, 342-347.	5.4	15

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163	NOX2Î²: A Novel Splice Variant of NOX2 That Regulates NADPH Oxidase Activity in Macrophages. PLoS ONE, 2012, 7, e48326.	2.5	15
164	Effect of Short-term Regression of Atherosclerosis on Reactivity of Carotid and Retinal Arteries. Stroke, 1996, 27, 927-933.	2.0	15
165	A flow cytometric method for the analysis of macrophages in the vascular wall. Journal of Immunological Methods, 2013, 396, 33-43.	1.4	14
166	Stroke Severity, and Not Cerebral Infarct Location, Increases the Risk of Infection. Translational Stroke Research, 2020, 11, 387-401.	4.2	14
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