# 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 | Adjustment for body mass index changes inverse associations of HDL-cholesterol with blood pressure and hypertension to positive associations. Journal of Human Hypertension, 2022, 36, 570-579. | 2.2 | 8 |
| 2 | Cerebral Vascular Biology in Health and Disease. , 2022, , 3-10.e4. | | 0 |
| 3 | Pathophysiology of blood brain barrier dysfunction during chronic cerebral hypoperfusion in vascular cognitive impairment. Theranostics, 2022, 12, 1639-1658. | 10.0 | 72 |
| 4 | The role of inflammasomes in vascular cognitive impairment. Molecular Neurodegeneration, 2022, 17, 4. | 10.8 | 43 |
| 5 | Bim Deletion Reduces Functional Deficits Following Ischemic Stroke in Association with Modulation of Apoptosis and Inflammation. NeuroMolecular Medicine, 2022, , 1. | 3.4 | 3 |
| 6 | How good are our models of cardiovascular disease?. British Journal of Pharmacology, 2022, 179, 745-747. | 5.4 | 1 |
| 7 | Integrative epigenomic and transcriptomic analyses reveal metabolic switching by intermittent fasting in brain. GeroScience, 2022, 44, 2171-2194. | 4.6 | 10 |
| 8 | The IL-18/IL-18R1 signalling axis: Diagnostic and therapeutic potential in hypertension and chronic kidney disease. , 2022, 239, 108191. | | 20 |
| 9 | 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 |
| 10 | 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 |
| 11 | Aldosterone-induced hypertension is sex-dependent, mediated by T cells and sensitive to GPER activation. Cardiovascular Research, 2021, 117, 960-970. | 3.8 | 16 |
| 12 | Targeting the Immune System for Ischemic Stroke. Trends in Pharmacological Sciences, 2021, 42, 96-105. | 8.7 | 72 |
| 13 | 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 |
| 14 | Hippocampal transcriptome profiling reveals common disease pathways in chronic hypoperfusion and aging. Aging, 2021, 13, 14651-14674. | 3.1 | 5 |
| 15 | G proteinâ€coupled estrogen receptor 1: a novel target to treat cardiovascular disease in a sexâ€specific manner?. British Journal of Pharmacology, 2021, 178, 3849-3863. | 5.4 | 7 |
| 16 | Notch receptors in GtoPdb v.2021.2. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, . | 0.2 | 0 |
| 17 | Editorial policy regarding the citation of preprints in the British Journal of Pharmacology (BJP). British Journal of Pharmacology, 2021, 178, 3605-3610. | 5.4 | 2 |
| 18 | THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Introduction and Other Protein Targets. British Journal of Pharmacology, 2021, 178, S1-S26. | 5.4 | 183 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Ischemic stroke and infection: A brief update on mechanisms and potential therapies. Biochemical Pharmacology, 2021, 193, 114768. | 4.4 | 18 |
| 21 | Reduced renal function may explain the higher prevalence of hyperuricemia in older people. Scientific Reports, 2021, 11, 1302. | 3.3 | 22 |
| 22 | Large-Scale Multivariate Analysis to Interrogate an Animal Model of Stroke: Novel Insights Into Poststroke Pathology. Stroke, 2021, 52, 3661-3669. | 2.0 | 0 |
| 23 | microRNA-367-3p regulation of GPRC5A is suppressed in ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1300-1315. | 4.3 | 12 |
| 24 | Stroke Severity, and Not Cerebral Infarct Location, Increases the Risk of Infection. Translational Stroke Research, 2020, 11, 387-401. | 4.2 | 14 |
| 25 | The need to incorporate aged animals into the preclinical modeling of neurological conditions. Neuroscience and Biobehavioral Reviews, 2020, 109, 114-128. | 6.1 | 33 |
| 26 | Editorial: Stem Cells as Targeted Drug Delivery Vehicles. Frontiers in Pharmacology, 2020, 11, 614730. | 3.5 | 3 |
| 27 | Estrogen: reducing the pressure by arginine vasopressin. Cardiovascular Research, 2020, 117, 2143-2144. | 3.8 | 1 |
| 28 | Systemic treatment with human amnion epithelial cells after experimental traumatic brain injury. Brain, Behavior, & Immunity - Health, 2020, 5, 100072. | 2.5 | 3 |
| 29 | The Vascular Consequences of Metabolic Syndrome: Rodent Models, Endothelial Dysfunction, and Current Therapies. Frontiers in Pharmacology, 2020, 11, 148. | 3.5 | 43 |
| 30 | A practical guide for transparent reporting of research on natural products in the British Journal of Pharmacology: Reproducibility of natural product research. British Journal of Pharmacology, 2020, 177, 2169-2178. | 5.4 | 177 |
| 31 | Vitamin D Deficiency and the Risk of Cerebrovascular Disease. Antioxidants, 2020, 9, 327. | 5.1 | 55 |
| 32 | Bacteriophages in Natural and Artificial Environments. Pathogens, 2019, 8, 100. | 2.8 | 124 |
| 33 | Cell-Based Therapies for Stroke: Are We There Yet?. Frontiers in Neurology, 2019, 10, 656. | 2.4 | 49 |
| 34 | Genome-Wide Transcriptome Analysis Reveals Intermittent Fasting-Induced Metabolic Rewiring in the Liver. Dose-Response, 2019, 17, 155932581987678. | 1.6 | 16 |
| 35 | THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Introduction and Other Protein Targets. British Journal of Pharmacology, 2019, 176, S1-S20. | 5.4 | 295 |
| 36 | Self-assembling injectable peptide hydrogels for emerging treatment of ischemic stroke. Journal of Materials Chemistry B, 2019, 7, 3927-3943. | 5.8 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Immunity and hypertension: New targets to lighten the pressure. British Journal of Pharmacology, 2019, 176, 1813-1817. | 5.4 | 2 |
| 38 | 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 |
| 39 | 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 |
| 40 | Immune mechanisms of hypertension. Nature Reviews Immunology, 2019, 19, 517-532. | 22.7 | 281 |
| 41 | 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 |
| 42 | The BJP expects authors to share data. British Journal of Pharmacology, 2019, 176, 4595-4598. | 5.4 | 2 |
| 43 | Evidence that NLRC4 inflammasome mediates apoptotic and pyroptotic microglial death following ischemic stroke. Brain, Behavior, and Immunity, 2019, 75, 34-47. | 4.1 | 129 |
| 44 | 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 |
| 45 | Renal Microvascular Rarefaction Accompanies Interstitial Fibrosis and Tubular Damage in One Kidneyâ€Deoxycorticosterone Acetateâ€Salt (1K/DOCA/salt)â€Dependent Hypertension. FASEB Journal, 2019, 33, lb533. | 0.5 | 0 |
| 46 | Differential Effects of BAFF Neutralization and BAFF Receptor Inhibition on Angiotensin Iiâ€Induced Hypertension in Mice. FASEB Journal, 2019, 33, 819.15. | 0.5 | 0 |
| 47 | Notch receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, . | 0.2 | 0 |
| 48 | Dietary Restriction and Epigenetics: Part I. Conditioning Medicine, 2019, 2, 284-299. | 1.3 | 9 |
| 49 | Epigenetic Regulation by Dietary Restriction: Part II. Conditioning Medicine, 2019, 2, 300-310. | 1.3 | 4 |
| 50 | Vitamin D3 Supplementation Reduces Subsequent Brain Injury and Inflammation Associated with Ischemic Stroke. NeuroMolecular Medicine, 2018, 20, 147-159. | 3.4 | 60 |
| 51 | Transcriptome analysis reveals intermittent fasting-induced genetic changes in ischemic stroke. Human Molecular Genetics, 2018, 27, 1497-1513. | 2.9 | 34 |
| 52 | 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 |
| 53 | Acute or Delayed Systemic Administration of Human Amnion Epithelial Cells Improves Outcomes in Experimental Stroke. Stroke, 2018, 49, 700-709. | 2.0 | 53 |
| 54 | Notch signaling and neuronal death in stroke. Progress in Neurobiology, 2018, 165-167, 103-116. | 5.7 | 85 |

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|---|---|---|---|
| 55 | Evidence that NF-Î²B and MAPK Signaling Promotes NLRP Inflammasome Activation in Neurons Following Ischemic Stroke. Molecular Neurobiology, 2018, 55, 1082-1096. | 4.0 | 245 |
| 56 | 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 |
| 57 | Diet-induced vitamin D deficiency has no effect on acute post-stroke outcomes in young male mice. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1968-1978. | 4.3 | 8 |
| 58 | Local Injection of Endothelin-1 in the Early Neonatal Rat Brain Models Ischemic Damage Associated with Motor Impairment and Diffuse Loss in Brain Volume. Neuroscience, 2018, 393, 110-122. | 2.3 | 3 |
| 59 | Epigenetic regulation of inflammation in stroke. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641877181. | 3.5 | 30 |
| 60 | Phase 1 Trial of Amnion Cell Therapy for Ischemic Stroke. Frontiers in Neurology, 2018, 9, 198. | 2.4 | 27 |
| 61 | IL-33 modulates inflammatory brain injury but exacerbates systemic immunosuppression following ischemic stroke. JCI Insight, 2018, 3, . | 5.0 | 39 |
| 62 | NOX2 oxidase expressed in endosomes promotes cell proliferation and prostate tumour development. Oncotarget, 2018, 9, 35378-35393. | 1.8 | 21 |
| 63 | Amnion epithelial cells â€“ a novel therapy for ischemic stroke?. Neural Regeneration Research, 2018, 13, 1346. | 3.0 | 20 |
| 64 | G protein-coupled estrogen receptors: novel therapeutic targets in aldosterone-induced hypertension?. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-54. | 0.0 | 0 |
| 65 | A Crucial Role for Interleukinâ€18/ILâ€18R Signalling Axis in the Development of Renal Inflammation and Elevated Blood Pressure in 1 Kidney/DOCA/Saltâ€Induced Hypertension. FASEB Journal, 2018, 32, 718.15. | 0.5 | 0 |
| 66 | Aldosteroneâ€Induced Hypertension is T Lymphocyteâ€Dependent and Attenuated by Activation of the G Proteinâ€Coupled Estrogen Receptor 1. FASEB Journal, 2018, 32, 718.14. | 0.5 | 0 |
| 67 | Vasoactive actions of nitroxyl (HNO) are preserved in resistance arteries in diabetes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 397-408. | 3.0 | 13 |
| 68 | Advanced atherosclerosis is associated with inflammation, vascular dysfunction and oxidative stress, but not hypertension. Pharmacological Research, 2017, 116, 70-76. | 7.1 | 37 |
| 69 | Role of Oxidative Stress in Hypertension. Oxidative Stress in Applied Basic Research and Clinical Practice, 2017, , 59-78. | 0.4 | 1 |
| 70 | Anakinra reduces blood pressure and renal fibrosis in one kidney/DOCA/salt-induced hypertension. Pharmacological Research, 2017, 116, 77-86. | 7.1 | 38 |
| 71 | The opposing roles of NO and oxidative stress in cardiovascular disease. Pharmacological Research, 2017, 116, 57-69. | 7.1 | 76 |
| 72 | Diagnosing and Treating Hypertensive Disorders of Pregnancy?. Hypertension, 2017, 70, 884-886. | 2.7 | 2 |

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|---|---|---|---|
| 73 | 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 |
| 74 | 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 |
| 75 | Endosomal NOX2 oxidase exacerbates virus pathogenicity and is a target for antiviral therapy. Nature Communications, 2017, 8, 69. | 12.8 | 111 |
| 76 | LDL receptor blockade reduces mortality in a mouse model of ischaemic stroke without improving tissue-type plasminogen activator-induced brain haemorrhage: towards pre-clinical simulation of symptomatic ICH. Fluids and Barriers of the CNS, 2017, 14, 33. | 5.0 | 12 |
| 77 | 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 |
| 78 | Ghrelinâ€related peptides do not modulate vasodilator nitric oxide production or superoxide levels in mouse systemic arteries. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 468-475. | 1.9 | 3 |
| 79 | 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 |
| 80 | 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 |
| 81 | Vascular Biology and Atherosclerosis of Cerebral Vessels. , 2016, , 3-12. | | 2 |
| 82 | Cell-specific mineralocorticoid receptors: future therapeutic targets for stroke?. Neural Regeneration Research, 2016, 11, 1230. | 3.0 | 3 |
| 83 | MouseMove: an open source program for semi-automated analysis of movement and cognitive testing in rodents. Scientific Reports, 2015, 5, 16171. | 3.3 | 61 |
| 84 | Risk of Major Cardiovascular Events in People with Down Syndrome. PLoS ONE, 2015, 10, e0137093. | 2.5 | 113 |
| 85 | Effect of a Broad-Specificity Chemokine-Binding Protein on Brain Leukocyte Infiltration and Infarct Development. Stroke, 2015, 46, 537-544. | 2.0 | 41 |
| 86 | Emerging roles of the Î³-secretase-notch axis in inflammation. , 2015, 147, 80-90. | | 24 |
| 87 | <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 |
| 88 | Danger signals in stroke. Ageing Research Reviews, 2015, 24, 77-82. | 10.9 | 35 |
| 89 | Evidence That Ly6C <sup>hi</sup> Monocytes Are Protective in Acute Ischemic Stroke by Promoting M2 Macrophage Polarization. Stroke, 2015, 46, 1929-1937. | 2.0 | 121 |
| 90 | 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 |

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|---|---|---|---|
| 91 | Obligatory Role for B Cells in the Development of Angiotensin IIâ€“Dependent Hypertension. Hypertension, 2015, 66, 1023-1033. | 2.7 | 185 |
| 92 | 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 |
| 93 | 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 |
| 94 | Effect of a Selective Mas Receptor Agonist in Cerebral Ischemia In Vitro and In Vivo. PLoS ONE, 2015, 10, e0142087. | 2.5 | 26 |
| 95 | Immune Mechanisms in Vascular Disease and Stroke. BioMed Research International, 2014, 2014, 1-2. | 1.9 | 1 |
| 96 | Roles of Inflammation, Oxidative Stress, and Vascular Dysfunction in Hypertension. BioMed Research International, 2014, 2014, 1-11. | 1.9 | 419 |
| 97 | 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 |
| 98 | Antibodies in the Pathogenesis of Hypertension. BioMed Research International, 2014, 2014, 1-9. | 1.9 | 31 |
| 99 | Sex-Dependent Effects of G Proteinâ€“Coupled Estrogen Receptor Activity on Outcome After Ischemic Stroke. Stroke, 2014, 45, 835-841. | 2.0 | 88 |
| 100 | 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 |
| 101 | Angiotensin (1â€“7) as a Therapy to Prevent Rupture of Intracranial Aneurysms?. Hypertension, 2014, 64, 222-223. | 2.7 | 1 |
| 102 | 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 |
| 103 | Endothelial NADPH oxidases: which NOX to target in vascular disease?. Trends in Endocrinology and Metabolism, 2014, 25, 452-463. | 7.1 | 255 |
| 104 | Intravenous immunoglobulin (IVIg) provides protection against endothelial cell dysfunction and death in ischemic stroke. Experimental & Translational Stroke Medicine, 2014, 6, 7. | 3.2 | 17 |
| 105 | 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 |
| 106 | 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 |
| 107 | PI3KÎ´ inhibition reduces TNF secretion and neuroinflammation in a mouse cerebral stroke model. Nature Communications, 2014, 5, 3450. | 12.8 | 54 |
| 108 | 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 |

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|---|---|---|---|
| 109 | 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 |
| 110 | Potential Efficacy of Amnion Epithelial Cells to Treat Post-stroke Inflammation. , 2014, , 219-229. | | 0 |
| 111 | Reactive Oxygen Species and Cerebrovascular Diseases. , 2014, , 1895-1924. | | 0 |
| 112 | Accumulation of serum lipids by vascular smooth muscle cells involves a macropinocytosis-like uptake pathway and is associated with the downregulation of the ATP-binding cassette transporter A1. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 1081-1093. | 3.0 | 13 |
| 113 | Multiphoton imaging reveals a new leukocyte recruitment paradigm in the glomerulus. Nature Medicine, 2013, 19, 107-112. | 30.7 | 154 |
| 114 | Evidence for a detrimental role of TLR8 in ischemic stroke. Experimental Neurology, 2013, 250, 341-347. | 4.1 | 27 |
| 115 | Pathogenesis of acute stroke and the role of inflammasomes. Ageing Research Reviews, 2013, 12, 941-966. | 10.9 | 275 |
| 116 | Nitroxyl (HNO) suppresses vascular Nox2 oxidase activity. Free Radical Biology and Medicine, 2013, 60, 264-271. | 2.9 | 24 |
| 117 | A flow cytometric method for the analysis of macrophages in the vascular wall. Journal of Immunological Methods, 2013, 396, 33-43. | 1.4 | 14 |
| 118 | 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 |
| 119 | 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 |
| 120 | CEACAM1. Circulation Research, 2013, 113, 952-953. | 4.5 | 2 |
| 121 | Calsenilin Contributes to Neuronal Cell Death in Ischemic Stroke. Brain Pathology, 2013, 23, 402-412. | 4.1 | 9 |
| 122 | Evidence That the EphA2 Receptor Exacerbates Ischemic Brain Injury. PLoS ONE, 2013, 8, e53528. | 2.5 | 46 |
| 123 | Nox1 Oxidase Suppresses Influenza A Virus-Induced Lung Inflammation and Oxidative Stress. PLoS ONE, 2013, 8, e60792. | 2.5 | 47 |
| 124 | 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 |
| 125 | Angiotensin II Type 2 Receptor Stimulation Initiated After Stroke Causes Neuroprotection in Conscious Rats. Hypertension, 2012, 60, 1531-1537. | 2.7 | 54 |
| 126 | Reversal of Vascular Macrophage Accumulation and Hypertension by a CCR2 Antagonist in Deoxycorticosterone/Salt-Treated Mice. Hypertension, 2012, 60, 1207-1212. | 2.7 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | 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 |
| 128 | NADPH Oxidases as Regulators of Tumor Angiogenesis: Current and Emerging Concepts. Antioxidants and Redox Signaling, 2012, 16, 1229-1247. | 5.4 | 86 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | Aldosterone and the mineralocorticoid receptor in the cerebral circulation and stroke. Experimental & Translational Stroke Medicine, 2012, 4, 21. | 3.2 | 13 |
| 133 | Brain infarct volume after permanent focal ischemia is not dependent on Nox2 expression. Brain Research, 2012, 1483, 105-111. | 2.2 | 21 |
| 134 | Over-Expression of DSCR1 Protects against Post-Ischemic Neuronal Injury. PLoS ONE, 2012, 7, e47841. | 2.5 | 10 |
| 135 | NOX2Î²: A Novel Splice Variant of NOX2 That Regulates NADPH Oxidase Activity in Macrophages. PLoS ONE, 2012, 7, e48326. | 2.5 | 15 |
| 136 | <scp>Chlamydia pneumoniae</scp> induces a proâ€inflammatory phenotype in murine vascular smooth muscle cells independently of elevating reactive oxygen species. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 218-226. | 1.9 | 6 |
| 137 | Nitroxyl (HNO) as a Vasoprotective Signaling Molecule. Antioxidants and Redox Signaling, 2011, 14, 1675-1686. | 5.4 | 70 |
| 138 | Vascular Biology and Atherosclerosis of Cerebral Arteries. , 2011, , 3-15. | | 0 |
| 139 | Oxidative stress and endothelial dysfunction in cerebrovascular disease. Frontiers in Bioscience - Landmark, 2011, 16, 1733. | 3.0 | 160 |
| 140 | Combating oxidative stress in vascular disease: NADPH oxidases as therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 453-471. | 46.4 | 763 |
| 141 | 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 |
| 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 | Pathophysiology, treatment, and animal and cellular models of human ischemic stroke. Molecular Neurodegeneration, 2011, 6, 11. | 10.8 | 431 |
| 144 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | 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 |
| 146 | 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 |
| 147 | Reduced cerebrovascular remodeling and functional impairment in spontaneously hypertensive rats following combined treatment with suboptimal doses of telmisartan and ramipril: is less really more?. Journal of Hypertension, 2010, 28, 1384-1389. | 0.5 | 3 |
| 148 | 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 |
| 149 | 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 |
| 150 | Evidence that nitric oxide inhibits vascular inflammation and superoxide production via a p47<sup>phox</sup>â€dependent mechanism in mice. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 429-434. | 1.9 | 40 |
| 151 | Nox isoforms in vascular pathophysiology: insights from transgenic and knockout mouse models. Redox Report, 2010, 15, 50-63. | 4.5 | 92 |
| 152 | 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 |
| 153 | Direct evidence of a role for Nox2 in superoxide production, reduced nitric oxide bioavailability, and early atherosclerotic plaque formation in ApoE<sup>â^'/â^'</sup>mice. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H24-H32. | 3.2 | 259 |
| 154 | Augmented Superoxide Production By Nox2-Containing NADPH Oxidase Causes Cerebral Artery Dysfunction During Hypercholesterolemia. Stroke, 2010, 41, 784-789. | 2.0 | 67 |
| 155 | Vascular dysfunction in cerebrovascular disease: mechanisms and therapeutic intervention. Clinical Science, 2010, 119, 1-17. | 4.3 | 57 |
| 156 | Oxidative stress and endothelial dysfunction. , 2010, , 37-64. | | 3 |
| 157 | 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 |
| 158 | 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 |
| 159 | NADPH oxidase isoform selective regulation of endothelial cell proliferation and survival. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 193-204. | 3.0 | 95 |
| 160 | Apoptotic Mechanisms After Cerebral Ischemia. Stroke, 2009, 40, e331-9. | 2.0 | 1,036 |
| 161 | Gender Influences Cerebral Vascular Responses to Angiotensin II Through Nox2-Derived Reactive Oxygen Species. Stroke, 2009, 40, 1091-1097. | 2.0 | 79 |
| 162 | C.pneumoniae infection increases NADPH oxidase activity in vascular smooth muscle cells. FASEB Journal, 2009, 23, LB388. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Excessive Superoxide Production And Endothelial Dysfunction In Cerebral Arteries Of Atherosclerotic Mice Occur In The Absence Of Lesions And Are Due To The Activity Of Nox2â€Containing NADPH Oxidase. FASEB Journal, 2009, 23, 574.4. | 0.5 | 0 |
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