

Chris McCabe

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,119
citations

411340

20
h-index

466096

32
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41
all docs

41
docs citations

41
times ranked

1885
citing authors

#	ARTICLE	IF	CITATIONS
1	Change in CSF Dynamics Responsible for ICP Elevation After Ischemic Stroke in Rats: a New Mechanism for Unexplained END?. <i>Translational Stroke Research</i> , 2020, 11, 310-318.	2.3	11
2	Impact of stroke co-morbidities on cortical collateral flow following ischaemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 978-990.	2.4	25
3	UK consensus on pre-clinical vascular cognitive impairment functional outcomes assessment: Questionnaire and workshop proceedings. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1402-1414.	2.4	4
4	Assessing the effects of Ang-(1-7) therapy following transient middle cerebral artery occlusion. <i>Scientific Reports</i> , 2019, 9, 3154.	1.6	11
5	Altered Extracellular Vesicle MicroRNA Expression in Ischemic Stroke and Small Vessel Disease. <i>Translational Stroke Research</i> , 2019, 10, 495-508.	2.3	34
6	Preclinical Validation of the Therapeutic Potential of Glasgow Oxygen Level Dependent (GOLD) Technology: a Theranostic for Acute Stroke. <i>Translational Stroke Research</i> , 2019, 10, 583-595.	2.3	12
7	Animal models of ischaemic stroke and characterisation of the ischaemic penumbra. <i>Neuropharmacology</i> , 2018, 134, 169-177.	2.0	67
8	Variability of functional outcome measures used in animal models of stroke and vascular cognitive impairment – a review of contemporary studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1872-1884.	2.4	11
9	The IMPROVE Guidelines (Ischaemia Models: Procedural Refinements Of in Vivo Experiments). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3488-3517.	2.4	128
10	Chronic photoperiod disruption does not increase vulnerability to focal cerebral ischemia in young normotensive rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3580-3588.	2.4	2
11	Imaging the ischaemic penumbra with T_2^* weighted MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 281-282.	2.4	1
12	Therapeutic potential of the renin angiotensin system in ischaemic stroke. <i>Experimental & Translational Stroke Medicine</i> , 2016, 8, 8.	3.2	44
13	The influence of gender on “tissue at risk” in acute stroke: A diffusion-weighted magnetic resonance imaging study in a rat model of focal cerebral ischaemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 381-386.	2.4	14
14	Detection of Ischemic Penumbra Using Combined Perfusion and T_2^* Oxygen Challenge Imaging. <i>International Journal of Stroke</i> , 2015, 10, 42-50.	2.9	16
15	Intracranial Pressure Elevation after Ischemic Stroke in Rats: Cerebral Edema is Not the Only Cause, and Short-Duration Mild Hypothermia is a Highly Effective Preventive Therapy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 592-600.	2.4	42
16	Sodium-23 Magnetic Resonance Imaging Has Potential for Improving Penumbra Detection but Not for Estimating Stroke Onset Time. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 103-110.	2.4	22
17	Hyperglycemia Accelerates Apparent Diffusion Coefficient-Defined Lesion Growth after Focal Cerebral Ischemia in Rats with and Without Features of Metabolic Syndrome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1556-1563.	2.4	15
18	Combined Antiapoptotic and Antioxidant Approach to Acute Neuroprotection for Stroke in Hypertensive Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1215-1224.	2.4	20

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19	An MRI-Histological Study of White Matter in Stroke-Free SHRSP. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 760-763.	2.4	27
20	Noninvasive MRI Measurement of CBF: Evaluating An Arterial Spin Labelling Sequence with ^{99m} Tc-HMPAO CBF Autoradiography in a Rat Stroke Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 973-977.	2.4	19
21	Penumbra Detection using PWI/DWI Mismatch MRI in a Rat Stroke Model with and without Comorbidity: Comparison of Methods. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1765-1777.	2.4	51
22	Positive impact of pre-stroke surgery on survival following transient focal ischemia in hypertensive rats. <i>Journal of Neuroscience Methods</i> , 2012, 211, 305-308.	1.3	9
23	Influence of 100% and 40% Oxygen on Penumbral Blood Flow, Oxygen Level, and T ² -Weighted MRI in a Rat Stroke Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1799-1806.	2.4	25
24	Stroke Penumbra Defined by an MRI-Based Oxygen Challenge Technique: 1. Validation using [¹⁴ C]2-Deoxyglucose Autoradiography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1778-1787.	2.4	28
25	Stroke Penumbra Defined by an MRI-Based Oxygen Challenge Technique: 2. Validation based on the Consequences of Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1788-1798.	2.4	26
26	Melarsoprol Cyclodextrin Inclusion Complexes as Promising Oral Candidates for the Treatment of Human African Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1308.	1.3	51
27	Magnetic Resonance Imaging to Assess Blood-Brain Barrier Damage in Murine Trypanosomiasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 344-350.	0.6	32
28	Response to Letter by Yao. <i>Stroke</i> , 2010, 41, .	1.0	0
29	T ² -weighted magnetic resonance imaging with hyperoxia in acute ischemic stroke. <i>Annals of Neurology</i> , 2010, 68, 37-47.	2.8	36
30	Differences in the Evolution of the Ischemic Penumbra in Stroke-Prone Spontaneously Hypertensive and Wistar-Kyoto Rats. <i>Stroke</i> , 2009, 40, 3864-3868.	1.0	76
31	In ovo non-invasive quantification of the myocardial function and mass of chick embryos using magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2009, 22, 745-752.	1.6	16
32	Potential use of Oxygen as a Metabolic Biosensor in Combination with T ² -Weighted MRI to Define the Ischemic Penumbra. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1742-1753.	2.4	70
33	GADD34 Gene Restores Virulence in Viral Vector Used in Experimental Stroke Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 747-751.	2.4	5
34	Noninvasive Self-Gated Magnetic Resonance Cardiac Imaging of Developing Chick Embryos In Ovo. <i>Circulation</i> , 2008, 117, e346-7.	1.6	23
35	Effects of Magnesium Treatment in a Model of Internal Capsule Lesion in Spontaneously Hypertensive Rats. <i>Stroke</i> , 2008, 39, 448-454.	1.0	45
36	Identification of the growth arrest and DNA damage protein GADD34 in the normal human heart and demonstration of alterations in expression following myocardial ischaemia. <i>International Journal of Cardiology</i> , 2006, 107, 126-129.	0.8	8

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37	Electrophysiological and haemodynamic effects of endothelin ETA and ETB receptors in normal and ischaemic working rabbit hearts. <i>British Journal of Pharmacology</i> , 2005, 146, 118-128.	2.7	4
38	Endothelin and the Ischaemic Heart. <i>Current Vascular Pharmacology</i> , 2005, 3, 333-341.	0.8	29
39	The consequences of herpes simplex virus (HSV) vector delivery of GADD34 on focal ischaemia in the mouse. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S496-S496.	2.4	0