

John Sharkey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

3,406
citations

27
h-index

48
g-index

48
ext. papers

3,581
ext. citations

6.3
avg, IF

4.65
L-index

#	Paper	IF	Citations
48	Immunophilins mediate the neuroprotective effects of FK506 in focal cerebral ischaemia. <i>Nature</i> , 1994 , 371, 336-9	50.4	422
47	Biguanide metformin acts on tau phosphorylation via mTOR/protein phosphatase 2A (PP2A) signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 21830-5	11.5	289
46	Nicotine improves sustained attention in mice: evidence for involvement of the alpha7 nicotinic acetylcholine receptor. <i>Neuropsychopharmacology</i> , 2004 , 29, 891-900	8.7	192
45	Neuroprotective actions of FK506 in experimental stroke: in vivo evidence against an antiexcitotoxic mechanism. <i>Journal of Neuroscience</i> , 1997 , 17, 6939-46	6.6	190
44	Perivascular microapplication of endothelin-1: a new model of focal cerebral ischaemia in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 865-71	7.3	190
43	Impaired attention is central to the cognitive deficits observed in alpha 7 deficient mice. <i>European Neuropsychopharmacology</i> , 2007 , 17, 145-55	1.2	189
42	The role of the purinergic P2X7 receptor in inflammation. <i>Journal of Inflammation</i> , 2007 , 4, 5	6.7	181
41	Cocaine binding at sigma receptors. <i>European Journal of Pharmacology</i> , 1988 , 149, 171-4	5.3	170
40	Developmental loss and resistance to MPTP toxicity of dopaminergic neurones in substantia nigra pars compacta of gamma-synuclein, alpha-synuclein and double alpha/gamma-synuclein null mutant mice. <i>Journal of Neurochemistry</i> , 2004 , 89, 1126-36	6	115
39	Advances in small molecules promoting neurotrophic function 2007 , 115, 292-306		114
38	Acquired QT interval prolongation and HERG: implications for drug discovery and development. <i>European Journal of Pharmacology</i> , 2004 , 500, 129-42	5.3	109
37	[3H]dofetilide binding to HERG transfected membranes: a potential high throughput preclinical screen. <i>European Journal of Pharmacology</i> , 2001 , 430, 147-8	5.3	104
36	Neuroanatomic specificity and time course of alterations in rat brain serotonergic pathways induced by MDMA (3,4-methylenedioxyamphetamine): assessment using quantitative autoradiography. <i>Synapse</i> , 1991 , 8, 249-60	2.4	92
35	An exceptionally potent inducer of cytoprotective enzymes: elucidation of the structural features that determine inducer potency and reactivity with Keap1. <i>Journal of Biological Chemistry</i> , 2010 , 285, 33747-55	5.4	90
34	Characterisation of an experimental model of stroke produced by intracerebral microinjection of endothelin-1 adjacent to the rat middle cerebral artery. <i>Journal of Neuroscience Methods</i> , 1995 , 60, 125-31		83
33	A systematic comparison of intracellular cyclic AMP and calcium signalling highlights complexities in human VPAC/PAC receptor pharmacology. <i>Neuropharmacology</i> , 2006 , 51, 1086-98	5.5	70
32	Tacrolimus (FK506) ameliorates skilled motor deficits produced by middle cerebral artery occlusion in rats. <i>Stroke</i> , 1996 , 27, 2282-6	6.7	60

31	The temporal expression, cellular localization, and inhibition of the chemokines MIP-2 and MCP-1 after traumatic brain injury in the rat. <i>Journal of Neurotrauma</i> , 2009 , 26, 507-25	5.4	55
30	The odour span task: a novel paradigm for assessing working memory in mice. <i>Neuropharmacology</i> , 2007 , 52, 634-45	5.5	51
29	Alterations in hippocampal function following repeated exposure to the amphetamine derivative methylenedioxymethamphetamine ("Ecstasy"). <i>Psychopharmacology</i> , 1991 , 105, 113-8	4.7	51
28	Apoptosis induced by staurosporine alters chaperone and endoplasmic reticulum proteins: Identification by quantitative proteomics. <i>Proteomics</i> , 2007 , 7, 3085-96	4.8	49
27	Progressive impairment in olfactory working memory in a mouse model of Mild Cognitive Impairment. <i>Neurobiology of Aging</i> , 2009 , 30, 1430-43	5.6	48
26	Endothelin-1 induced middle cerebral artery occlusion: pathological consequences and neuroprotective effects of MK801. <i>Journal of the Autonomic Nervous System</i> , 1994 , 49 Suppl, S177-85		43
25	Vasomotor responses of cerebral arterioles in situ to putative dopamine receptor agonists. <i>British Journal of Pharmacology</i> , 1985 , 85, 403-10	8.6	39
24	Acute cocaine administration: effects on local cerebral blood flow and metabolic demand in the rat. <i>Brain Research</i> , 1991 , 548, 310-4	3.7	34
23	Glycyrrhetic acid, an inhibitor of 11 beta-hydroxysteroid dehydrogenase, alters local cerebral glucose utilization in vivo. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991 , 39, 777-9	5.1	28
22	Cerebrovascular and functional consequences of 5-HT _{1A} receptor activation. <i>Brain Research</i> , 1991 , 555, 159-63	3.7	28
21	Evidence for a possible role for serotonergic systems in the control of cerebral blood flow. <i>Brain Research</i> , 1990 , 537, 307-10	3.7	25
20	Acute cocaine alters cerebrovascular autoregulation in the rat neocortex. <i>Brain Research Bulletin</i> , 1993 , 31, 581-5	3.9	23
19	Apoptosis is not an invariable component of in vitro models of cortical cerebral ischaemia. <i>Cell Research</i> , 2004 , 14, 241-50	24.7	22
18	Alterations in local cerebral glucose utilization following central administration of corticotropin-releasing factor in rats. <i>Synapse</i> , 1989 , 4, 80-7	2.4	22
17	Differential profile of Nix upregulation and translocation during hypoxia/ischaemia in vivo versus in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 1356-65	7.3	20
16	Serum IL-8 and MCP-1 concentration do not identify patients with enlarging contusions after traumatic brain injury. <i>Journal of Trauma</i> , 2009 , 66, 1591-7; discussion 1598		19
15	Molecular mechanisms of neurite growth with AMPA receptor potentiation. <i>Neuropharmacology</i> , 2007 , 52, 590-7	5.5	19
14	VIP and PACAP receptor pharmacology: a comparison of intracellular signaling pathways. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1070, 239-42	6.5	18

13	Calcineurin Inhibitors as Neuroprotectants. <i>CNS Drugs</i> , 2000 , 13, 1-13	6.7	18
12	Characterisation of the Bax-nucleophosmin interaction: the importance of the Bax C-terminus. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008 , 13, 394-403	5.4	17
11	A rat model of endothelin-3-induced middle cerebral artery occlusion with controlled reperfusion. <i>Brain Research</i> , 1999 , 843, 105-11	3.7	17
10	Assessment of sensorimotor neglect after occlusion of the middle cerebral artery in the rat.. <i>Behavioral Neuroscience</i> , 1997 , 111, 1133-1145	2.1	15
9	Detection of adenosine receptor antagonists in rat brain using a modified radioreceptor assay. <i>Journal of Neuroscience Methods</i> , 1997 , 77, 135-42	3	15
8	Simple and choice reaction-time performance following occlusion of the anterior cerebral arteries in the rat. <i>Experimental Brain Research</i> , 1998 , 123, 269-81	2.3	15
7	Enhanced cerebrovascular responsiveness to hypercapnia following depletion of central serotonergic terminals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995 , 15, 706-13	7.3	14
6	Dopamine transporter: solubilization from dog caudate nucleus. <i>Synapse</i> , 1989 , 3, 372-5	2.4	14
5	Increased expression of macrophage receptor with collagenous structure (MARCO) in mouse cortex following middle cerebral artery occlusion. <i>Neuroscience Letters</i> , 2005 , 383, 58-62	3.3	10
4	[125]I-spectramide: a novel benzamide displaying potent and selective effects at the D2 dopamine receptor. <i>Life Sciences</i> , 1989 , 45, 1821-9	6.8	8
3	Cerebrovascular permeability in intracerebral implants of foetal basal forebrain cell suspensions. <i>Restorative Neurology and Neuroscience</i> , 1991 , 3, 35-40	2.8	5
2	Cerebrovascular responsiveness to hypercapnia in intracerebral tissue transplants. <i>Brain Research</i> , 1991 , 542, 147-50	3.7	3
1	Inflammatory Responses to Cerebral Ischemia 1997 , 235-263		1