

# John Sharkey

## List of Publications by Year in Descending Order

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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	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> , <b>2010</b> , 285, 33747-55	5.4	90
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> , <b>2010</b> , 107, 21830-5	11.5	289
46	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> , <b>2009</b> , 26, 507-25	5.4	55
45	Progressive impairment in olfactory working memory in a mouse model of Mild Cognitive Impairment. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 1430-43	5.6	48
44	Serum IL-8 and MCP-1 concentration do not identify patients with enlarging contusions after traumatic brain injury. <i>Journal of Trauma</i> , <b>2009</b> , 66, 1591-7; discussion 1598		19
43	Characterisation of the Bax-nucleophosmin interaction: the importance of the Bax C-terminus. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2008</b> , 13, 394-403	5.4	17
42	The role of the purinergic P2X7 receptor in inflammation. <i>Journal of Inflammation</i> , <b>2007</b> , 4, 5	6.7	181
41	Apoptosis induced by staurosporine alters chaperone and endoplasmic reticulum proteins: Identification by quantitative proteomics. <i>Proteomics</i> , <b>2007</b> , 7, 3085-96	4.8	49
40	Advances in small molecules promoting neurotrophic function <b>2007</b> , 115, 292-306		114
39	Molecular mechanisms of neurite growth with AMPA receptor potentiation. <i>Neuropharmacology</i> , <b>2007</b> , 52, 590-7	5.5	19
38	The odour span task: a novel paradigm for assessing working memory in mice. <i>Neuropharmacology</i> , <b>2007</b> , 52, 634-45	5.5	51
37	Impaired attention is central to the cognitive deficits observed in alpha 7 deficient mice. <i>European Neuropsychopharmacology</i> , <b>2007</b> , 17, 145-55	1.2	189
36	A systematic comparison of intracellular cyclic AMP and calcium signalling highlights complexities in human VPAC/PAC receptor pharmacology. <i>Neuropharmacology</i> , <b>2006</b> , 51, 1086-98	5.5	70
35	VIP and PACAP receptor pharmacology: a comparison of intracellular signaling pathways. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1070, 239-42	6.5	18
34	Increased expression of macrophage receptor with collagenous structure (MARCO) in mouse cortex following middle cerebral artery occlusion. <i>Neuroscience Letters</i> , <b>2005</b> , 383, 58-62	3.3	10
33	Differential profile of Nix upregulation and translocation during hypoxia/ischaemia in vivo versus in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2005</b> , 25, 1356-65	7.3	20
32	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> , <b>2004</b> , 89, 1126-36	6	115

31	Apoptosis is not an invariable component of in vitro models of cortical cerebral ischaemia. <i>Cell Research</i> , <b>2004</b> , 14, 241-50	24.7	22
30	Acquired QT interval prolongation and HERG: implications for drug discovery and development. <i>European Journal of Pharmacology</i> , <b>2004</b> , 500, 129-42	5.3	109
29	Nicotine improves sustained attention in mice: evidence for involvement of the alpha7 nicotinic acetylcholine receptor. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 891-900	8.7	192
28	[3H]dofetilide binding to HERG transfected membranes: a potential high throughput preclinical screen. <i>European Journal of Pharmacology</i> , <b>2001</b> , 430, 147-8	5.3	104
27	Calcineurin Inhibitors as Neuroprotectants. <i>CNS Drugs</i> , <b>2000</b> , 13, 1-13	6.7	18
26	A rat model of endothelin-3-induced middle cerebral artery occlusion with controlled reperfusion. <i>Brain Research</i> , <b>1999</b> , 843, 105-11	3.7	17
25	Simple and choice reaction-time performance following occlusion of the anterior cerebral arteries in the rat. <i>Experimental Brain Research</i> , <b>1998</b> , 123, 269-81	2.3	15
24	Assessment of sensorimotor neglect after occlusion of the middle cerebral artery in the rat.. <i>Behavioral Neuroscience</i> , <b>1997</b> , 111, 1133-1145	2.1	15
23	Neuroprotective actions of FK506 in experimental stroke: in vivo evidence against an antiexcitotoxic mechanism. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 6939-46	6.6	190
22	Detection of adenosine receptor antagonists in rat brain using a modified radioreceptor assay. <i>Journal of Neuroscience Methods</i> , <b>1997</b> , 77, 135-42	3	15
21	Inflammatory Responses to Cerebral Ischemia <b>1997</b> , 235-263		1
20	Tacrolimus (FK506) ameliorates skilled motor deficits produced by middle cerebral artery occlusion in rats. <i>Stroke</i> , <b>1996</b> , 27, 2282-6	6.7	60
19	Enhanced cerebrovascular responsiveness to hypercapnia following depletion of central serotonergic terminals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1995</b> , 15, 706-13	7.3	14
18	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> , <b>1995</b> , 60, 125-31	3.1	83
17	Immunophilins mediate the neuroprotective effects of FK506 in focal cerebral ischaemia. <i>Nature</i> , <b>1994</b> , 371, 336-9	50.4	422
16	Endothelin-1 induced middle cerebral artery occlusion: pathological consequences and neuroprotective effects of MK801. <i>Journal of the Autonomic Nervous System</i> , <b>1994</b> , 49 Suppl, S177-85		43
15	Acute cocaine alters cerebrovascular autoregulation in the rat neocortex. <i>Brain Research Bulletin</i> , <b>1993</b> , 31, 581-5	3.9	23
14	Perivascular microapplication of endothelin-1: a new model of focal cerebral ischaemia in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1993</b> , 13, 865-71	7.3	190

13	Cerebrovascular permeability in intracerebral implants of foetal basal forebrain cell suspensions. <i>Restorative Neurology and Neuroscience</i> , <b>1991</b> , 3, 35-40	2.8	5
12	Alterations in hippocampal function following repeated exposure to the amphetamine derivative methylenedioxymethamphetamine ("Ecstasy"). <i>Psychopharmacology</i> , <b>1991</b> , 105, 113-8	4.7	51
11	Neuroanatomic specificity and time course of alterations in rat brain serotonergic pathways induced by MDMA (3,4-methylenedioxymethamphetamine): assessment using quantitative autoradiography. <i>Synapse</i> , <b>1991</b> , 8, 249-60	2.4	92
10	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> , <b>1991</b> , 39, 777-9	5.1	28
9	Cerebrovascular and functional consequences of 5-HT <sub>1A</sub> receptor activation. <i>Brain Research</i> , <b>1991</b> , 555, 159-63	3.7	28
8	Cerebrovascular responsiveness to hypercapnia in intracerebral tissue transplants. <i>Brain Research</i> , <b>1991</b> , 542, 147-50	3.7	3
7	Acute cocaine administration: effects on local cerebral blood flow and metabolic demand in the rat. <i>Brain Research</i> , <b>1991</b> , 548, 310-4	3.7	34
6	Evidence for a possible role for serotonergic systems in the control of cerebral blood flow. <i>Brain Research</i> , <b>1990</b> , 537, 307-10	3.7	25
5	Dopamine transporter: solubilization from dog caudate nucleus. <i>Synapse</i> , <b>1989</b> , 3, 372-5	2.4	14
4	Alterations in local cerebral glucose utilization following central administration of corticotropin-releasing factor in rats. <i>Synapse</i> , <b>1989</b> , 4, 80-7	2.4	22
3	[125]I-spectramide: a novel benzamide displaying potent and selective effects at the D <sub>2</sub> dopamine receptor. <i>Life Sciences</i> , <b>1989</b> , 45, 1821-9	6.8	8
2	Cocaine binding at sigma receptors. <i>European Journal of Pharmacology</i> , <b>1988</b> , 149, 171-4	5.3	170
1	Vasomotor responses of cerebral arterioles in situ to putative dopamine receptor agonists. <i>British Journal of Pharmacology</i> , <b>1985</b> , 85, 403-10	8.6	39