

Atticus H Hainsworth

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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.

94 papers	2,581 citations	28 h-index	48 g-index
102 ext. papers	3,006 ext. citations	5.2 avg, IF	4.93 L-index

#	Paper	IF	Citations
94	Do in vivo experimental models reflect human cerebral small vessel disease? A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 1877-91	7.3	188
93	Experimental models of vascular dementia and vascular cognitive impairment: a systematic review. <i>Journal of Neurochemistry</i> , 2010 , 115, 814-28	6	180
92	GABA potentiation: a logical pharmacological approach for the treatment of acute ischaemic stroke. <i>Neuropharmacology</i> , 2000 , 39, 1483-94	5.5	170
91	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 107-117	6	129
90	Subthalamic stimulation activates internal pallidus: evidence from cGMP microdialysis in PD patients. <i>Annals of Neurology</i> , 2005 , 57, 448-52	9.4	104
89	Neuropathologic evidence of endothelial changes in cerebral small vessel disease. <i>Neurology</i> , 2012 , 78, 167-74	6.5	77
88	Homocysteine, hyperhomocysteinemia and vascular contributions to cognitive impairment and dementia (VCID). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1008-17	6.9	75
87	Post-mortem assessment in vascular dementia: advances and aspirations. <i>BMC Medicine</i> , 2016 , 14, 129	11.4	73
86	Evidence HDAC9 genetic variant associated with ischemic stroke increases risk via promoting carotid atherosclerosis. <i>Stroke</i> , 2013 , 44, 1220-5	6.7	73
85	Lamotrigine derivatives and riluzole inhibit INa,P in cortical neurons. <i>NeuroReport</i> , 2002 , 13, 1167-70	1.7	67
84	Is pharmacological neuroprotection dependent on reduced glutamate release?. <i>Stroke</i> , 2000 , 31, 766-72; discussion 773	6.7	63
83	Identification and electrophysiology of isolated pars compacta neurons from guinea-pig substantia nigra. <i>Neuroscience</i> , 1991 , 43, 81-93	3.9	63
82	Blood-brain barrier dysfunction and cerebral small vessel disease (arteriolosclerosis) in brains of older people. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 1026-1033	3.1	62
81	CSF biomarkers, impairment of cerebral hemodynamics and degree of cognitive decline in Alzheimer's and mixed dementia. <i>Journal of the Neurological Sciences</i> , 2009 , 283, 109-15	3.2	62
80	Endothelial cells and human cerebral small vessel disease. <i>Brain Pathology</i> , 2015 , 25, 44-50	6	59
79	Translational models for vascular cognitive impairment: a review including larger species. <i>BMC Medicine</i> , 2017 , 15, 16	11.4	52
78	Neuropathology of White Matter Lesions, Blood-Brain Barrier Dysfunction, and Dementia. <i>Stroke</i> , 2017 , 48, 2799-2804	6.7	51

77	Tolbutamide reverses membrane hyperpolarisation induced by activation of D2 receptors and GABAB receptors in isolated substantia nigra neurones. <i>Pflugers Archiv European Journal of Physiology</i> , 1990 , 416, 473-5	4.6	51
76	Correlation between changes in CSF dopamine turnover and development of dyskinesia in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2009 , 15, 383-9	3.6	44
75	Actions of sipatrigine, 202W92 and lamotrigine on R-type and T-type Ca ²⁺ channel currents. <i>European Journal of Pharmacology</i> , 2003 , 467, 77-80	5.3	39
74	Small-Vessel Disease in the Heart and Brain: Current Knowledge, Unmet Therapeutic Need, and Future Directions. <i>Journal of the American Heart Association</i> , 2019 , 8, e011104	6	37
73	The cell survival kinase SGK1 and its targets FOXO3a and NDRG1 in aged human brain. <i>Neuropathology and Applied Neurobiology</i> , 2013 , 39, 623-33	5.2	33
72	Deep brain stimulation in Parkinson's disease patients: biochemical evidence. <i>Journal of Neural Transmission Supplementum</i> , 2006 , 401-8		32
71	Vascular Contributions to Cognitive Impairment and Dementia: Topical Review of Animal Models. <i>Stroke</i> , 2016 , 47, 1953-9	6.7	31
70	Activation of recombinant human TRPV1 receptors expressed in SH-SY5Y human neuroblastoma cells increases [Ca ²⁺] _i , initiates neurotransmitter release and promotes delayed cell death. <i>Journal of Neurochemistry</i> , 2007 , 102, 801-11	6	31
69	Pharmacology of capsaicin-, anandamide-, and N-arachidonoyl-dopamine-evoked cell death in a homogeneous transient receptor potential vanilloid subtype 1 receptor population. <i>British Journal of Anaesthesia</i> , 2010 , 104, 596-602	5.4	30
68	On the regulation of ischaemia-induced glutamate efflux from rat cortex by GABA; in vitro studies with GABA, clomethiazole and pentobarbitone. <i>British Journal of Pharmacology</i> , 2000 , 130, 1124-30	8.6	30
67	Supercritical carbon dioxide foaming of elastomer/heterocyclic methacrylate blends as scaffolds for tissue engineering. <i>Journal of Materials Chemistry</i> , 2005 , 15, 4881		28
66	Pre-clinical models of human cerebral small vessel disease: utility for clinical application. <i>Journal of the Neurological Sciences</i> , 2012 , 322, 237-40	3.2	27
65	Pharmacology of ischemia-induced glutamate efflux from rat cerebral cortex in vitro. <i>Brain Research</i> , 2003 , 964, 1-8	3.7	27
64	Homovanillic acid in CSF of mild stage Parkinson's disease patients correlates with motor impairment. <i>Neurochemistry International</i> , 2017 , 105, 58-63	4.4	24
63	Spontaneous sleep modulates the firing pattern of parkinsonian subthalamic nucleus. <i>Experimental Brain Research</i> , 2006 , 168, 277-80	2.3	23
62	Inhibition of recombinant low-voltage-activated Ca ²⁺ channels by the neuroprotective agent BW619C89 (Sipatrigine). <i>Neuropharmacology</i> , 2000 , 39, 1247-53	5.5	23
61	Effects of double-layer polarization on ion transport. <i>Biophysical Journal</i> , 1987 , 51, 27-36	2.9	23
60	Phosphodiesterase 5 inhibition as a therapeutic target for ischemic stroke: A systematic review of preclinical studies. <i>Cellular Signalling</i> , 2017 , 38, 39-48	4.9	22

59	Sipatrigine (BW 619C89) is a Neuroprotective Agent and a Sodium Channel and Calcium Channel Inhibitor. <i>CNS Neuroscience & Therapeutics</i> , 2006 , 6, 111-134		22
58	Clearance of interstitial fluid (ISF) and CSF (CLIC) group-part of Vascular Professional Interest Area (PIA): Cerebrovascular disease and the failure of elimination of Amyloid- β from the brain and retina with age and Alzheimer's disease-Opportunities for Therapy. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12053	5.2	22
57	An MRI-histological study of white matter in stroke-free SHRSP. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 760-3	7.3	20
56	Cyclic nucleotide phosphodiesterases (PDEs) and endothelial function in ischaemic stroke. A review. <i>Cellular Signalling</i> , 2019 , 61, 108-119	4.9	18
55	Neuroprotective actions in vivo and electrophysiological actions in vitro of 202W92. <i>Brain Research</i> , 2001 , 919, 259-68	3.7	18
54	Effects of extracellular pH on the interaction of sipatrigine and lamotrigine with high-voltage-activated (HVA) calcium channels in dissociated neurones of rat cortex. <i>Neuropharmacology</i> , 2001 , 40, 784-91	5.5	18
53	On the inhibition of voltage activated calcium currents in rat cortical neurones by the neuroprotective agent 619C89. <i>British Journal of Pharmacology</i> , 1998 , 125, 1058-64	8.6	16
52	Post-trial follow-up methodology in large randomised controlled trials: a systematic review. <i>Trials</i> , 2018 , 19, 298	2.8	15
51	Catecholamine-Based Treatment in AD Patients: Expectations and Delusions. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 67	5.3	15
50	Inhibition of human N-type voltage-gated Ca ²⁺ channels by the neuroprotective agent BW619C89. <i>Neuropharmacology</i> , 1997 , 36, 1795-8	5.5	15
49	The nitron disodium 2,4-sulphophenyl-N-tert-butyl nitron is without cytoprotective effect on sodium nitroprusside-induced cell death in N1E-115 neuroblastoma cells in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 24-8	7.3	15
48	Origins of open-channel noise in the large potassium channel of sarcoplasmic reticulum. <i>Journal of General Physiology</i> , 1994 , 104, 857-83	3.4	15
47	Expression of cellular FLICE inhibitory proteins (cFLIP) in normal and traumatic murine and human cerebral cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 1030-40	7.3	14
46	Super-resolution imaging of subcortical white matter using stochastic optical reconstruction microscopy (STORM) and super-resolution optical fluctuation imaging (SOFI). <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 417-426	5.2	13
45	Perfusion by Arterial Spin labelling following Single dose Tadalafil In Small vessel disease (PASTIS): study protocol for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 229	2.8	13
44	Neuroprotective efficacy of AR-A008055, a clomethiazole analogue, in a global model of acute ischaemic stroke and its effect on ischaemia-induced glutamate and GABA efflux in vitro. <i>Neuropharmacology</i> , 2001 , 41, 159-66	5.5	13
43	Rapid neuroinflammatory changes in human acute intracerebral hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1465-1479	5.3	12
42	Death-associated protein kinase (DAPK1) in cerebral cortex of late-onset Alzheimer's disease patients and aged controls. <i>Neuropathology and Applied Neurobiology</i> , 2010 , 36, 17-24	5.2	11

41	Electrophysiological actions of gamma-aminobutyric acid and clomethiazole on recombinant GABA(A) receptors. <i>European Journal of Pharmacology</i> , 2002 , 452, 255-62	5.3	11
40	Hypotonicity-induced anion fluxes in cells expressing the multidrug-resistance-associated protein, MRP. <i>Pflugers Archiv European Journal of Physiology</i> , 1996 , 432, 234-40	4.6	11
39	Electrophysiology of sipatrigine: a lamotrigine derivative exhibiting neuroprotective effects. <i>Experimental Neurology</i> , 2000 , 162, 171-9	5.7	10
38	The interaction of AR-A008055 and its enantiomers with the GABA(A) receptor complex and their sedative, muscle relaxant and anticonvulsant activity. <i>Neuropharmacology</i> , 2001 , 41, 167-74	5.5	10
37	Association of White Matter Hyperintensities and Cardiovascular Disease: The Importance of Microcirculatory Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010460	3.9	10
36	Lesional and perilesional tissue characterization by automated image processing in a novel gyrencephalic animal model of peracute intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2521-2535	7.3	10
35	The effect of phosphodiesterase-5 inhibitors on cerebral blood flow in humans: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 189-203	7.3	9
34	Acute effects of interleukin-1 beta on noradrenaline release from the human neuroblastoma cell line SH-SY5Y. <i>Neuroscience Letters</i> , 1998 , 251, 89-92	3.3	9
33	Age-dependent expression of VEGFR2 in deep brain arteries in small vessel disease, CADASIL, and healthy brains. <i>Neurobiology of Aging</i> , 2016 , 42, 110-5	5.6	9
32	Gramicidin-mediated currents at very low permeant ion concentrations. <i>Biophysical Journal</i> , 1987 , 52, 109-13	2.9	8
31	Nociceptin/orphanin FQ inhibits ischaemia-induced glutamate efflux from rat cerebrocortical slices. <i>NeuroReport</i> , 2000 , 11, 3689-92	1.7	7
30	Cell Senescence and Cerebral Small Vessel Disease in the Brains of People Aged 80 Years and Older. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 1066-1072	3.1	5
29	Innate Immune Anti-Inflammatory Response in Human Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2021 , 52, 3613-3623	6.7	4
28	Induction of the cell survival kinase Sgk1: A possible novel mechanism for Ephenyl-N-tert-butyl nitron in experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1111-1121	7.3	4
27	Actions of the sodium channel inhibitor 202W92 on rat midbrain dopaminergic neurons. <i>Synapse</i> , 2003 , 48, 123-30	2.4	3
26	Test-retest reliability of arterial spin labelling for cerebral blood flow in older adults with small vessel disease.. <i>Translational Stroke Research</i> , 2022 , 1	7.8	3
25	Strokectomy for malignant middle cerebral artery infarction: experience and meta-analysis of current evidence. <i>Journal of Neurology</i> , 2020 , 1	5.5	3
24	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021 , 103, 78-97	5.6	3

23	Dementia risk reduction: why haven't the pharmacological risk reduction trials worked? An in-depth exploration of seven established risk factors.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021 , 7, e12202	6	2
22	The cGMP-Degrading Enzyme Phosphodiesterase-5 (PDE5) in Cerebral Small Arteries of Older People. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 191-194	3.1	2
21	Cerebral amyloid angiopathy distribution in older people: A cautionary note. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021 , 7, e12145	6	2
20	Experimental animal models of cerebral small vessel disease42-51		1
19	P4-259: PHOSPHODIESTERASE 5 (PDE5) AS A POTENTIAL THERAPEUTIC TARGET IN SMALL ARTERIES OF AGED HUMAN BRAINS 2014 , 10, P880-P880		1
18	Transgene delivery to endothelial cultures derived from porcine carotid artery ex vivo. <i>Translational Stroke Research</i> , 2013 , 4, 507-14	7.8	1
17	Whole-cell patch-clamp recording of voltage-sensitive Ca ²⁺ channel currents in single cells: heterologous expression systems and neurones. <i>Methods in Molecular Biology</i> , 2013 , 937, 123-48	1.4	1
16	Whole-cell patch clamp recording of voltage-sensitive Ca ²⁺ channel currents: heterologous expression systems and dissociated brain neurons. <i>Methods in Molecular Biology</i> , 2005 , 312, 161-79	1.4	1
15	An introduction to therapeutic approaches to vascular cognitive impairment.. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021 , 2, 100033	0	1
14	The epidemiology is promising, but the trial evidence is weak. Why pharmacological dementia risk reduction trials haven't lived up to expectations, and where do we go from here?. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	1
13	Whole-cell patch clamp recording of voltage-sensitive Ca ²⁺ channel currents heterologous expression systems and dissociated brain neurons. <i>Methods in Molecular Biology</i> , 2006 , 312, 161-79	1.4	1
12	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 ^O	7.3	
11	Vascular cognitive impairment and dementia: An early career researcher perspective.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022 , 14, e12310	5.2	0
10	P112 Management and outcome of subarachnoid haemorrhage (SAH) in older people: a centre series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, e51.3-e50	5.5	
9	WM1-4 Decompressive craniectomy versus strokectomy for malignant middle cerebral artery (MCA) infarction. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, e1.2-e1	5.5	
8	P117 Predictive factors of outcome in poor grade subarachnoid haemorrhage (SAH). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, e52.3-e52	5.5	
7	[P4129]: A VASCULOCENTRIC PATTERN OF AXONAL DAMAGE AND NEUROFILAMENT PHOSPHORYLATION IN SUBCORTICAL WHITE MATTER OF OLDER PEOPLE 2017 , 13, P1305-P1306		
6	Glutamate receptor-mediated inhibition of L-glutamate efflux from cerebral cortex in vitro. <i>Brain Research</i> , 2006 , 1114, 36-40	3.7	

- 5 P2-071: Super Resolution Microscopy of Intact Brain White Matter **2016**, 12, P635-P635
- 4 F3-01-03: Blood-Brain Barrier Dysfunction, Small Vessel Disease and Dementia: Studies in Human Brain Tissue **2016**, 12, P270-P270
- 3 WP1-23 Vascular collagen 4A1 in subcortical white matter of older people and primates. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, e7.3-e8 5.5
- 2 Experimental models in VCID: What are we aiming for?. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e051363 1.3
- 1 Endothelial dysfunction and cerebral small-vessel disease in brains of older people.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e052981 1.2