

Paul Bentley

List of Publications by Year in descending order

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78
papers

3,497
citations

186265

28
h-index

144013

57
g-index

79
all docs

79
docs citations

79
times ranked

5513
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Robust Decomposition of High-Density Surface EMG Signals. IEEE Transactions on Biomedical Engineering, 2021, 68, 526-534.	4.2	52
2	Quantification of Motor Function Post-Stroke Using Novel Combination of Wearable Inertial and Mechanomyographic Sensors. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1158-1167.	4.9	12
3	Delivering telemedicine consultations for patients with transient ischaemic attack during the COVID-19 pandemic in a comprehensive tertiary stroke centre in the United Kingdom. European Journal of Neurology, 2021, 28, 3456-3460.	3.3	8
4	Impact of National Lockdown on the Hyperacute Stroke Care and Rapid Transient Ischaemic Attack Outpatient Service in a Comprehensive Tertiary Stroke Centre During the COVID-19 Pandemic. Frontiers in Neurology, 2021, 12, 627493.	2.4	23
5	SARS-CoV-2 antibody seroprevalence in NHS healthcare workers in a large double-sited UK hospital. Clinical Medicine, 2021, 21, e290-e294.	1.9	4
6	Extent of white matter lesion is associated with early hemorrhagic transformation in acute ischemic stroke related to atrial fibrillation. Brain and Behavior, 2021, 11, e2250.	2.2	5
7	Self-Directed Exergaming for Stroke Upper Limb Impairment Increases Exercise Dose Compared to Standard Care. Neurorehabilitation and Neural Repair, 2021, 35, 974-985.	2.9	13
8	Impact of COVID-19 Pandemic on a Regional Stroke Thrombectomy Service in the United Kingdom. Cerebrovascular Diseases, 2021, 50, 178-184.	1.7	17
9	Reward sensitivity predicts dopaminergic response in spatial neglect. Cortex, 2020, 122, 213-224.	2.4	7
10	Distinguishing early from late seizures after cerebral venous thrombosis. Neurology, 2020, 95, 513-514.	1.1	3
11	Accuracy and Acceptability of Wearable Motion Tracking for Inpatient Monitoring Using Smartwatches. Sensors, 2020, 20, 7313.	3.8	14
12	Magnetic Resonance Imaging for Acute Minor Neurological Symptoms. JAMA Neurology, 2020, 77, 775.	9.0	0
13	COVID-19 outcomes in UK centre within highest health and wealth band: a prospective cohort study. BMJ Open, 2020, 10, e042090.	1.9	14
14	A Rare Presentation of Orthostatic Tremor as Abdominal Tremor. Tremor and Other Hyperkinetic Movements, 2020, 8, 603.	2.0	1
15	Spatial Semantic-Preserving Latent Space Learning for Accelerated DWI Diagnostic Report Generation. Lecture Notes in Computer Science, 2020, , 333-342.	1.3	2
16	Prothrombin Complex Concentrates are Superior to Fresh Frozen Plasma for Emergency Reversal of Vitamin K Antagonists: A Meta-Analysis in 2606 Subjects. Drugs, 2019, 79, 1557-1565.	10.9	10
17	Self-supervised learning for medical image analysis using image context restoration. Medical Image Analysis, 2019, 58, 101539.	11.6	315
18	Influences of genetic variants on stroke recovery: a meta-analysis of the 31,895 cases. Neurological Sciences, 2019, 40, 2437-2445.	1.9	12

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19	optimizing self-exercise scheduling in motor stroke using Challenge Point Framework theory. , 2019, 2019, 435-440.		5
20	Myographic Information Enables Hand Function Classification in Automated Fugl-Meyer Assessment. , 2019, , .		3
21	Intelligent Image Synthesis to Attack a Segmentation CNN Using Adversarial Learning. Lecture Notes in Computer Science, 2019, , 90-99.	1.3	12
22	Motor dexterity and strength depend upon integrity of the attention-control system. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E536-E545.	7.1	65
23	Rapid Automated Quantification of Cerebral Leukoaraiosis on CT Images: A Multicenter Validation Study. Radiology, 2018, 288, 573-581.	7.3	25
24	DRINet for Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2018, 37, 2453-2462.	8.9	198
25	A Rare Presentation of Orthostatic Tremor as Abdominal Tremor. Tremor and Other Hyperkinetic Movements, 2018, 8, 603.	2.0	2
26	Elasticity improves handgrip performance and user experience during visuomotor control. Royal Society Open Science, 2017, 4, 160961.	2.4	15
27	Fully automatic acute ischemic lesion segmentation in DWI using convolutional neural networks. NeuroImage: Clinical, 2017, 15, 633-643.	2.7	221
28	Collaborative Gaming to Enhance Patient Performance During Virtual Therapy. Biosystems and Biorobotics, 2017, , 375-379.	0.3	2
29	ISLES 2015 - A public evaluation benchmark for ischemic stroke lesion segmentation from multispectral MRI. Medical Image Analysis, 2017, 35, 250-269.	11.6	360
30	Balancing the playing field: collaborative gaming for physical training. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 116.	4.6	47
31	Candidate-gene analysis of white matter hyperintensities on neuroimaging. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 260-266.	1.9	19
32	Quantifying the risk of heart disease following acute ischaemic stroke: a meta-analysis of over 50â€¦000 participants. BMJ Open, 2016, 6, e009535.	1.9	64
33	Estimating Weight of Patients With Acute Stroke When Dosing for Thrombolysis. Stroke, 2016, 47, 228-231.	2.0	15
34	Democratizing Neurorehabilitation: How Accessible are Low-Cost Mobile-Gaming Technologies for Self-Rehabilitation of Arm Disability in Stroke?. PLoS ONE, 2016, 11, e0163413.	2.5	31
35	Coiling-associated delayed cerebral hypersensitivity: Is nickel the link?. Neurology, 2015, 85, 204-204.	1.1	1
36	Coiling-associated delayed cerebral hypersensitivity: Is nickel the link?. Neurology, 2015, 84, 97-99.	1.1	23

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37	Identification of Cerebral Small Vessel Disease Using Multiple Instance Learning. Lecture Notes in Computer Science, 2015, , 523-530.	1.3	12
38	Comparison of flexible and rigid hand-grip control during a feed-forward visual tracking task. , 2015, , .		5
39	Recommendations From the International Stroke Genetics Consortium, Part 1. Stroke, 2015, 46, 279-284.	2.0	22
40	Knowledge of blood pressure in a UK general public population. Journal of Human Hypertension, 2014, 28, 500-503.	2.2	11
41	Lesion locations influencing baseline severity and early recovery in ischaemic stroke. European Journal of Neurology, 2014, 21, 1226-1232.	3.3	14
42	Thalamic Control of Human Attention Driven by Memory and Learning. Current Biology, 2014, 24, 993-999.	3.9	101
43	The role of the right inferior frontal gyrus in the pathogenesis of post-stroke psychosis. Journal of Neurology, 2014, 261, 600-603.	3.6	35
44	Intra-Arterial Immunoselected CD34+ Stem Cells for Acute Ischemic Stroke. Stem Cells Translational Medicine, 2014, 3, 1322-1330.	3.3	131
45	Prediction of stroke thrombolysis outcome using CT brain machine learning. NeuroImage: Clinical, 2014, 4, 635-640.	2.7	131
46	The First Indian-Origin Family with Genetically Proven Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL). Journal of Stroke and Cerebrovascular Diseases, 2013, 22, 28-31.	1.6	5
47	Stroke Genetics Network (SiGN) Study. Stroke, 2013, 44, 2694-2702.	2.0	62
48	Triple dissociation of attention networks in stroke according to lesion location. Neurology, 2013, 81, 812-820.	1.1	50
49	Detailed Analysis of Gene Polymorphisms Associated with Ischemic Stroke in South Asians. PLoS ONE, 2013, 8, e57305.	2.5	39
50	Up-Down Asymmetry of Saccadic Contrapulsion in Lateral Medullary Syndrome. Journal of Neuro-Ophthalmology, 2012, 32, 224-226.	0.8	8
51	Evaluation of the clinical utility of a carotid bruit. QJM - Monthly Journal of the Association of Physicians, 2012, 105, 1171-1177.	0.5	23
52	Silent brain infarction in the presence of systemic vascular disease. JRSM Cardiovascular Disease, 2012, 1, 1-9.	0.7	2
53	Awareness of Stroke Symptomatology and Cardiovascular Risk Factors Amongst Stroke Survivors. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 358-362.	1.6	29
54	Neurological disorders " epilepsy, Parkinson's disease and multiple sclerosis. , 2012, , 349-370.		1

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55	Intravenous immunoglobulin increases plasma viscosity without parallel rise in blood pressure. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2012, 37, 286-290.	1.5	19
56	Towards the identification of blood biomarkers for acute stroke in humans: a comprehensive systematic review. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 230-240.	2.4	95
57	Cholinergic modulation of cognition: Insights from human pharmacological functional neuroimaging. <i>Progress in Neurobiology</i> , 2011, 94, 360-388.	5.7	155
58	CADASIL with cord involvement associated with a novel and atypical NOTCH3 mutation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 855-860.	1.9	30
59	Stem Cell Tracking in Human Trials: A Meta-Regression. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 1031-1040.	5.6	39
60	Bio-Repository of DNA in stroke (BRAINS): A study protocol. <i>BMC Medical Genetics</i> , 2011, 12, 34.	2.1	11
61	Genes Associated With Adult Cerebral Venous Thrombosis. <i>Stroke</i> , 2011, 42, 913-918.	2.0	69
62	Down but Not Out. <i>Circulation Research</i> , 2010, 106, 1019-1021.	4.5	7
63	Causal Relationship of Susceptibility Genes to Ischemic Stroke: Comparison to Ischemic Heart Disease and Biochemical Determinants. <i>PLoS ONE</i> , 2010, 5, e9136.	2.5	70
64	Modulation of fusiform cortex activity by cholinesterase inhibition predicts effects on subsequent memory. <i>Brain</i> , 2009, 132, 2356-2371.	7.6	38
65	Cholinesterase inhibition modulates visual and attentional brain responses in Alzheimer's disease and health. <i>Brain</i> , 2008, 131, 409-424.	7.6	104
66	Cultural diversity training for UK healthcare professionals: a comprehensive nationwide cross-sectional survey. <i>Clinical Medicine</i> , 2008, 8, 493-497.	1.9	30
67	Vasculitic Presentation of Staphylococcal Meningitis. <i>Archives of Neurology</i> , 2007, 64, 1788.	4.5	12
68	PROTHROMBOTIC STATES AND RELATED CONDITIONS. , 2007, , 609-620.		0
69	Pharmacological treatment of ischemic stroke. , 2005, 108, 334-352.		8
70	Of rats and men: superwarfarin toxicity. <i>Lancet, The</i> , 2005, 365, 552-554.	13.7	17
71	Selective rotation of egocentric spatial representation following right putaminal hemorrhage. <i>Neuropsychologia</i> , 2004, 42, 1827-1837.	1.6	9
72	Effects of Cholinergic Enhancement on Visual Stimulation, Spatial Attention, and Spatial Working Memory. <i>Neuron</i> , 2004, 41, 969-982.	8.1	181

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73	Cholinergic enhancement modulates neural correlates of selective attention and emotional processing. <i>NeuroImage</i> , 2003, 20, 58-70.	4.2	155
74	Effects of Attention and Emotion on Repetition Priming and Their Modulation by Cholinergic Enhancement. <i>Journal of Neurophysiology</i> , 2003, 90, 1171-1181.	1.8	80
75	An episodic eruption. <i>Postgraduate Medical Journal</i> , 2002, 78, 249-249.	1.8	0
76	Painful third nerve palsy in MS. <i>Neurology</i> , 2002, 58, 1532-1532.	1.1	16
77	Effects of cholinergic enhancement on conditioning-related responses in human auditory cortex. <i>European Journal of Neuroscience</i> , 2002, 16, 2199-2206.	2.6	42
78	Lesson of the week: Degenerative cervical disc disease causing cord compression in adults under 50. <i>BMJ: British Medical Journal</i> , 2001, 322, 414-415.	2.3	4