

Einar Wilder-Smith

List of Publications by Year in descending order

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131
papers

4,042
citations

126858

33
h-index

133188

59
g-index

133
all docs

133
docs citations

133
times ranked

4333
citing authors

#	ARTICLE	IF	CITATIONS
1	Guillain-Barré and Miller Fisher syndromes—new diagnostic classification. <i>Nature Reviews Neurology</i> , 2014, 10, 537-544.	4.9	436
2	Can SVM be used for automatic EEG detection of drowsiness during car driving?. <i>Safety Science</i> , 2009, 47, 115-124.	2.6	294
3	Headaches and the N95 face-mask amongst healthcare providers. <i>Acta Neurologica Scandinavica</i> , 2006, 113, 199-202.	1.0	213
4	EEG-based mental fatigue measurement using multi-class support vector machines with confidence estimate. <i>Clinical Neurophysiology</i> , 2008, 119, 1524-1533.	0.7	142
5	Automatic EEG Artifact Removal: A Weighted Support Vector Machine Approach With Error Correction. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 336-344.	2.5	130
6	Randomized Double-Blind Trial of Combined Modality Treatment With or Without Amifostine in Unresectable Stage III Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2003, 21, 1767-1774.	0.8	122
7	A Feature Selection Method for Multilevel Mental Fatigue EEG Classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 1231-1237.	2.5	117
8	Small fiber neuropathy: Getting bigger!. <i>Muscle and Nerve</i> , 2016, 53, 671-682.	1.0	109
9	Frequency-domain EEG source analysis for acute tonic cold pain perception. <i>Clinical Neurophysiology</i> , 2012, 123, 2042-2049.	0.7	96
10	Early Diagnosis of Neuropathy in Leprosy—Comparing Diagnostic Tests in a Large Prospective Study (the INFIR Cohort Study). <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e212.	1.3	83
11	Nerve damage in leprosy and its management. <i>Nature Clinical Practice Neurology</i> , 2008, 4, 656-663.	2.7	73
12	Combined Doppler and B-mode sonography in carpal tunnel syndrome. <i>Journal of the Neurological Sciences</i> , 2011, 308, 16-20.	0.3	70
13	The INFIR Cohort Study: investigating prediction, detection and pathogenesis of neuropathy and reactions in leprosy. Methods and baseline results of a cohort of multibacillary leprosy patients in north India. <i>Leprosy Review</i> , 2005, 76, 14-34.	0.1	68
14	Indications for neuromuscular ultrasound: Expert opinion and review of the literature. <i>Clinical Neurophysiology</i> , 2018, 129, 2658-2679.	0.7	65
15	Sonography versus nerve conduction studies in patients referred with a clinical diagnosis of carpal tunnel syndrome. <i>Journal of Clinical Ultrasound</i> , 2009, 37, 389-393.	0.4	64
16	High dose of simvastatin induces hyperlocomotive and anxiolytic-like activities: The association with the up-regulation of NMDA receptor binding in the rat brain. <i>Experimental Neurology</i> , 2009, 216, 132-138.	2.0	64
17	Diagnosing carpal tunnel syndrome—clinical criteria and ancillary tests. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 366-374.	2.7	63
18	Effect of pain perception on the heartbeat evoked potential. <i>Clinical Neurophysiology</i> , 2011, 122, 1838-1845.	0.7	63

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19	Acute transverse myelitis following dengue virus infection. <i>Journal of Clinical Virology</i> , 2006, 35, 310-312.	1.6	57
20	Feature selection via sensitivity analysis of SVM probabilistic outputs. <i>Machine Learning</i> , 2007, 70, 1-20.	3.4	56
21	Spinocerebellar ataxia type 3 presenting as an L-DOPA responsive dystonia phenotype in a Chinese family. <i>Journal of the Neurological Sciences</i> , 2003, 213, 25-28.	0.3	54
22	Electroencephalographic changes and seizures in familial hemiplegic migraine patients with the CACNA1A gene S218L mutation. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 891-894.	0.8	54
23	Untreated neuroborreliosis: Bannwarth's syndrome evolving into acute schizophrenia-like psychosis. <i>Journal of Neurology</i> , 1992, 239, 129-131.	1.8	53
24	Water immersion wrinkling. <i>Clinical Autonomic Research</i> , 2004, 14, 125-131.	1.4	52
25	Water-immersion wrinkling is due to vasoconstriction. <i>Muscle and Nerve</i> , 2003, 27, 307-311.	1.0	51
26	Frequency of provocative factors in epileptic patients admitted for seizures: A prospective study in Singapore. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005, 14, 464-469.	0.9	48
27	Epidermal transient receptor potential vanilloid 1 in idiopathic small nerve fibre disease, diabetic neuropathy and healthy human subjects. <i>Histopathology</i> , 2007, 51, 674-680.	1.6	47
28	Water immersion and EMLA cause similar digit skin wrinkling and vasoconstriction. <i>Microvascular Research</i> , 2003, 66, 68-72.	1.1	42
29	Skin wrinkling for diagnosing small fibre neuropathy: comparison with epidermal nerve density and sympathetic skin response. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 835-837.	0.9	42
30	The INFIR Cohort Study: assessment of sensory and motor neuropathy in leprosy at baseline. <i>Leprosy Review</i> , 2005, 76, 277-95.	0.1	38
31	Predicting Neuropathy and Reactions in Leprosy at Diagnosis and Before Incident Events—Results from the INFIR Cohort Study. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e500.	1.3	37
32	Does measuring the median nerve at the carpal tunnel outlet improve ultrasound CTS diagnosis?. <i>Journal of the Neurological Sciences</i> , 2014, 339, 47-51.	0.3	37
33	Imaging of the peripheral nervous system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 115, 137-153.	1.0	35
34	Acute painful autoimmune neuropathy: A variant of Guillain-Barré syndrome. <i>Muscle and Nerve</i> , 2018, 57, 320-324.	1.0	32
35	Vasomotor dysfunction in carpal tunnel syndrome. <i>Muscle and Nerve</i> , 2003, 28, 582-586.	1.0	31
36	High-resolution ultrasonography in the assessment of meralgia paresthetica. <i>Muscle and Nerve</i> , 2012, 45, 434-435.	1.0	31

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37	Stimulated skin wrinkling as an indicator of limb sympathetic function. <i>Clinical Neurophysiology</i> , 2015, 126, 10-16.	0.7	29
38	Motor Abnormalities and Basal Ganglia in Schizophrenia: Evidence from Structural Magnetic Resonance Imaging. <i>Brain Topography</i> , 2015, 28, 135-152.	0.8	28
39	Paraneoplastic progressive supranuclear palsy syndrome in a patient with B-cell lymphoma. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 187-191.	1.1	27
40	High resolution ultrasonography in the diagnosis of ulnar nerve lesions with particular reference to post-traumatic lesions and sites outside the elbow. <i>Clinical Neurophysiology</i> , 2011, 122, 188-193.	0.7	27
41	Effects of high dose of simvastatin on levels of dopamine and its reuptake in prefrontal cortex and striatum among SD rats. <i>Neuroscience Letters</i> , 2006, 408, 189-193.	1.0	26
42	Early electroencephalography in patients with Emergency Room diagnoses of suspected new-onset seizures: Diagnostic yield and impact on clinical decision-making. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 31, 22-26.	0.9	26
43	Stimulated skin wrinkling for predicting intraepidermal nerve fibre density. <i>Clinical Neurophysiology</i> , 2009, 120, 953-958.	0.7	25
44	EMLA-Induced Skin Wrinkling for the Detection of Diabetic Neuropathy. <i>Frontiers in Neurology</i> , 2013, 4, 126.	1.1	25
45	Skin and muscle vasomotor reflexes in detecting autonomic dysfunction in leprosy. <i>Muscle and Nerve</i> , 2000, 23, 1105-1112.	1.0	24
46	Acute ophthalmoplegia with pupillary areflexia associated with anti-GQ1b antibody. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 658-660.	0.8	24
47	Two randomized controlled clinical trials to study the effectiveness of prednisolone treatment in preventing and restoring clinical nerve function loss in leprosy: the TENLEP study protocols. <i>BMC Neurology</i> , 2012, 12, 159.	0.8	23
48	Role of combined B-mode and Doppler sonography in evaluating neurolymphomatosis. <i>Neurology</i> , 2015, 85, 752-755.	1.5	23
49	Electrodiagnosis of reversible conduction failure in Guillain-Barré syndrome. <i>Muscle and Nerve</i> , 2017, 56, 919-924.	1.0	23
50	Guidelines for neuromuscular ultrasound training. <i>Muscle and Nerve</i> , 2019, 60, 361-366.	1.0	23
51	Carpal tunnel syndrome caused by gouty tophus of the flexor tendons of the fingers: Sonographic features. <i>Journal of Clinical Ultrasound</i> , 2011, 39, 463-465.	0.4	21
52	Nerve ultrasound in electrophysiologically verified tarsal tunnel syndrome. <i>Muscle and Nerve</i> , 2016, 53, 906-912.	1.0	21
53	Peripheral autonomic nerve dysfunction in asymptomatic leprosy contacts. <i>Journal of the Neurological Sciences</i> , 1997, 150, 33-38.	0.3	19
54	Can studies of the second lumbrical interossei and its premotor potential reduce the number of tests for carpal tunnel syndrome?. <i>Muscle and Nerve</i> , 2007, 36, 491-496.	1.0	18

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55	Spinal Cord Injury Pain Instrument and pain<scp>DETECT</scp> questionnaire: Convergent construct validity in individuals with Spinal Cord Injury. <i>European Journal of Pain</i> , 2017, 21, 1642-1656.	1.4	18
56	Safety and tolerability of cryocompression as a method of enhanced limb hypothermia to reduce taxane-induced peripheral neuropathy. <i>Supportive Care in Cancer</i> , 2020, 28, 3691-3699.	1.0	17
57	Self-Administered Hand Symptom Diagram for Carpal Tunnel Syndrome Diagnosis. <i>Journal of Hand Surgery</i> , 2004, 29, 571-574.	0.9	16
58	Bickerstaffâ€™s brainstem encephalitis: can it recur?. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 277-279.	0.8	16
59	Sensory distribution indicates severity of median nerve damage in carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2008, 119, 1619-1625.	0.7	16
60	Generalised convulsive status epilepticus in Singapore: Clinical outcomes and potential prognostic markers. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 202-205.	0.9	16
61	Sonography as an Aid to Neurophysiological Studies in Diagnosing Tarsal Tunnel Syndrome. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 500-501.	0.7	16
62	Generalised myoclonus evolving into epilepsy partialis continua due to a cingulate gyrus lesion: case report and review of the literature. <i>Parkinsonism and Related Disorders</i> , 2004, 10, 447-449.	1.1	15
63	Effect of transdermal botulinum toxin on sweat secretion in subjects with idiopathic palmar hyperhidrosis. <i>British Journal of Dermatology</i> , 2009, 160, 721-722.	1.4	15
64	Preventive hypothermia as a neuroprotective strategy for paclitaxel-induced peripheral neuropathy. <i>Pain</i> , 2019, 160, 1505-1521.	2.0	15
65	Seeing the Light: Brainstem Glioma Causing Visual Auras and Migraine. <i>Cephalalgia</i> , 2005, 25, 154-156.	1.8	14
66	Combination of ultrasound and nerve conduction studies in the diagnosis of tarsal tunnel syndrome. <i>Neurology India</i> , 2011, 59, 296.	0.2	14
67	Characteristic EEG differences between voluntary recumbent sleep onset in bed and involuntary sleep onset in a driving simulator. <i>Clinical Neurophysiology</i> , 2007, 118, 1315-1323.	0.7	13
68	Diagnostic Utility of Ultrasound in Posterior Interosseous Nerve Syndrome. <i>Archives of Neurology</i> , 2009, 66, 902-3.	4.9	13
69	New Onset Refractory Status Epilepticus (NORSE). <i>Journal of the Neurological Sciences</i> , 2009, 284, 220.	0.3	13
70	Vascular parkinsonism in moyamoya: Microvascular biopsy and imaging correlates. <i>Annals of Neurology</i> , 2003, 54, 836-840.	2.8	12
71	Topical botulinum toxin to treat hyperhidrosis? No sweat!. <i>Medical Hypotheses</i> , 2006, 67, 27-32.	0.8	12
72	The median palmar cutaneous nerve in normal subjects and CTS. <i>Clinical Neurophysiology</i> , 2007, 118, 776-780.	0.7	12

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73	Anorexia nervosa and schizophrenia in a male Chinese. <i>International Journal of Eating Disorders</i> , 1995, 18, 103-106.	2.1	11
74	Comparison of a simple method for quantitation of intraepidermal nerve fibres with a standard image analysis method using hypothenar skin. <i>Journal of Neurology</i> , 2006, 253, 1011-1015.	1.8	11
75	Deep Peroneal Nerve Entrapment by a Spiral Fibular Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e113.	1.4	11
76	Provocation tests in doppler ultrasonography for carpal tunnel syndrome. <i>Muscle and Nerve</i> , 2013, 47, 116-117.	1.0	11
77	Meningopolyradiculitis (Bannwarth syndrome) as primary manifestation of a centrocytic-centroblastic lymphoma. <i>Journal of Neurology</i> , 1989, 236, 168-169.	1.8	10
78	Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) in a Chinese family: clinical, radiological and skin biopsy features. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 304-307.	0.8	10
79	Melkerrson-Rosenthal syndrome with cardiac involvement. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 309-311.	0.8	10
80	Imaging of temperature dependent hemodynamics in the rat sciatic nerve by functional photoacoustic microscopy. <i>BioMedical Engineering OnLine</i> , 2013, 12, 120.	1.3	10
81	Stiff person syndrome masquerading as panic attacks. <i>Lancet, The</i> , 2014, 383, 668.	6.3	10
82	Heart rate changes during partial seizures: A study amongst Singaporean patients. <i>BMC Neurology</i> , 2001, 1, 5.	0.8	9
83	Reflex vasoconstrictor responses of the healthy human fingertip skin. Normal range, repeatability, and influencing factors. <i>Microvascular Research</i> , 2005, 69, 101-105.	1.1	9
84	Supraorbital nerve conduction study in normal subjects. <i>Muscle and Nerve</i> , 2012, 45, 603-604.	1.0	9
85	Aquagenic wrinkling of the palms is due to vasoconstriction of palmar skin vasculature. <i>Medical Hypotheses</i> , 2013, 81, 963-965.	0.8	9
86	Novel Autoantibodies in Idiopathic Small Fiber Neuropathy. <i>Annals of Neurology</i> , 2022, 91, 66-77.	2.8	9
87	Medial thenar recording in normal subjects and carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2007, 118, 757-761.	0.7	8
88	Color and Power Doppler US for Diagnosing Carpal Tunnel Syndrome and Determining Its Severity. <i>Radiology</i> , 2012, 262, 1043-1044.	3.6	8
89	Quantitative assessment of peripheral nerve ultrasound echogenicity. A step forward. <i>Clinical Neurophysiology</i> , 2012, 123, 1267-1268.	0.7	8
90	Dissociative paraplegia after epidural anesthesia: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 56.	0.4	8

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91	Evaluation of radial nerve continuity early after humeral shaft fracture fixation using high-resolution nerve ultrasonography: a pilot study of feasibility. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1033-1039.	1.2	8
92	Complex partial status epilepticus associated with adult H1N1 infection. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1728-1730.	0.8	7
93	Automatic identification and removal of artifacts in EEG using a probabilistic multi-class SVM approach with error correction. <i>Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics</i> , 2008, , .	0.0	6
94	Carpal tunnel syndrome-median nerve enlargement restricted to the distal carpal tunnel. <i>Muscle and Nerve</i> , 2012, 46, 455-457.	1.0	6
95	Neuromuscular ultrasound competency assessment: Consensus-based survey. <i>Muscle and Nerve</i> , 2021, 63, 651-656.	1.0	6
96	Spontaneous thoracic extradural haematoma presenting as the Brown-Sequard syndrome. <i>Journal of Neurology</i> , 2005, 252, 731-733.	1.8	5
97	Relationship of inspiratory flow rate and volume on digit tip skin and ulnar artery vasoconstrictor responses in healthy adults. <i>Microvascular Research</i> , 2005, 69, 95-100.	1.1	5
98	Symptoms Associated with Electrophysiologically Verified Carpal Tunnel Syndrome in Asian Patients. <i>Journal of Hand Surgery</i> , 2006, 31, 326-330.	0.9	5
99	Hemorrhagic leukoencephalopathy following acute carbon monoxide poisoning. <i>European Journal of Neurology</i> , 2008, 15, e49-e50.	1.7	5
100	Skin receptors and intradermal nerves do not generate the sensory double peak. <i>Muscle and Nerve</i> , 2015, 52, 103-106.	1.0	5
101	Clinical Reasoning: Burning hands and feet. <i>Neurology</i> , 2015, 84, e146-52.	1.5	5
102	Radial nerve torsion. <i>Neurology</i> , 2016, 86, 1559-1560.	1.5	5
103	Predicting treatment response in chronic, acquired demyelinating neuropathies. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 1545-1553.	1.4	4
104	The writing on the wall. <i>Lancet</i> , The, 2008, 372, 344.	6.3	4
105	A static handgrip method for distal quantitative sweat measurements. <i>Neuroscience Letters</i> , 2007, 421, 229-233.	1.0	3
106	Trapezius motor evoked potential in evaluations of corticospinal tract lesions. <i>European Journal of Neurology</i> , 2009, 16, 540-543.	1.7	3
107	The added value of preoperative ultrasonography of the ulnar nerve: An observational study. <i>Muscle and Nerve</i> , 2010, 42, 613-614.	1.0	3
108	Combination of high resolution and color Doppler ultrasound in diagnosis of carpal tunnel syndrome. <i>Acta Radiologica</i> , 2011, 52, 789-789.	0.5	3

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109	Pool Players' Headache. <i>Cephalalgia</i> , 2005, 25, 312-313.	1.8	2
110	Steroid responsive small nerve fibre neuropathy: comment on article by Dabby et al.. <i>Journal of the Peripheral Nervous System</i> , 2006, 11, 172-172.	1.4	2
111	Novel multi-class feature selection methods using sensitivity analysis of posterior probabilities. <i>Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics</i> , 2008, , .	0.0	2
112	Traumatic upper limb weakness in a man with type 1 neurofibromatosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 883-884.	0.9	2
113	Serial electrophysiological studies in a Guillain-Barré subtype with bilateral facial neuropathy. <i>Clinical Neurophysiology</i> , 2016, 127, 1694-1699.	0.7	2
114	Teaching Video Neurolmages: Hourglass-like fascicular constriction in Parsonage-Turner syndrome. <i>Neurology</i> , 2019, 92, e2399-e2400.	1.5	2
115	Effect of hand position on digit and ulnar artery vasoconstrictor reflexes. <i>Clinical Autonomic Research</i> , 2005, 15, 302-304.	1.4	1
116	A Novel Methodology to Probe Endothelial Differential Gene Expression Profile Reveals Novel Genes. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2007, 14, 303-314.	1.7	1
117	Clinical Reasoning: A 54-year-old woman with hand dysesthesia. <i>Neurology</i> , 2009, 73, e68-72.	1.5	1
118	Modeling of membrane potential dynamics induced by electromagnetic stimulation. , 2013, , .		1
119	Normal nerve conduction with an abnormal ultrasound: A separate group of CTS?. <i>Clinical Neurophysiology</i> , 2015, 126, 424-425.	0.7	1
120	Reader Response: Intravenous Immunoglobulin Therapy in Patients With Painful Idiopathic Small Fiber Neuropathy. <i>Neurology</i> , 2021, 97, 794-794.	1.5	1
121	Headache characteristics in episodic ataxia. <i>European Journal of Neurology</i> , 2006, 13, e8-e8.	1.7	0
122	Localised hypertrophic mononeuropathy (LHM) as a complication of peripheral nerve decompression surgery. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 921-923.	0.6	0
123	High-resolution ultrasonography in the detection of postoperative recurrence of ulnar neuropathy. <i>Muscle and Nerve</i> , 2011, 43, 451-452.	1.0	0
124	More of A MAN with serial nerve conduction studies?. <i>Acta Neurologica Scandinavica</i> , 2012, 125, e20-e22.	1.0	0
125	Nerve Blood Flow. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 187-188.	0.8	0
126	Clinical Reasoning: A 27-year-old man with hand numbness. <i>Neurology</i> , 2014, 82, e80-4.	1.5	0

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127	Letter corresponding to the article "Insights into antibody-associated encephalitis"™ by Dr Merwick et al.. Journal of the Neurological Sciences, 2014, 341, 172.	0.3	0
128	Stumbling towards a diagnosis. Practical Neurology, 2015, 15, 236-239.	0.5	0
129	Nonadherence to treatment causing acute hospitalizations in people with epilepsy. Epilepsia, 2015, 56, 320-320.	2.6	0
130	Clinical Reasoning: Temporal profile of inflammatory neuropathies. Neurology, 2016, 87, e182-e188.	1.5	0
131	Variability of the palmar cutaneous branch median nerve sensory nerve action potential with carpal tunnel syndrome. Neurology India, 2007, 55, 422.	0.2	0