Mark R Baker

List of Publications by Year
in descending order

72 papers	3,745 citations	257101 24 h-index	138251 58 g-index
73 all docs	73 docs citations	73 times ranked	6387 citing authors

#	Article	IF	Citations
1	Neurological and neuropsychiatric complications of COVID-19 in 153 patients: a UK-wide surveillance study. Lancet Psychiatry,the, 2020, 7, 875-882.	3.7	1,005
2	Multi-system neurological disease is common in patients with OPA1 mutations. Brain, 2010, 133, 771-786.	3.7	385
3	A proposal for new diagnostic criteria for ALS. Clinical Neurophysiology, 2020, 131, 1975-1978.	0.7	268
4	Contributions of descending and ascending pathways to corticomuscular coherence in humans. Journal of Physiology, 2011, 589, 3789-3800.	1.3	192
5	Cholinergic dysfunction contributes to gait disturbance in early Parkinson's disease. Brain, 2012, 135, 2779-2788.	3.7	187
6	TDP-43 proteinopathies: a new wave of neurodegenerative diseases. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 86-95.	0.9	174
7	Mutations in the SPG7 gene cause chronic progressive external ophthalmoplegia through disordered mitochondrial DNA maintenance. Brain, 2014, 137, 1323-1336.	3.7	151
8	The effect of diazepam on motor cortical oscillations and corticomuscular coherence studied in man. Journal of Physiology, 2003, 546, 931-942.	1.3	146
9	Neurological manifestations of SARS-CoV-2 infection in hospitalised children and adolescents in the UK: a prospective national cohort study. The Lancet Child and Adolescent Health, 2021, 5, 631-641.	2.7	114
10	Beta-band intermuscular coherence: a novel biomarker of upper motor neuron dysfunction in motor neuron disease. Brain, 2012, 135, 2849-2864.	3.7	110
11	Short latency afferent inhibition: A biomarker for mild cognitive impairment in Parkinson's disease?. Movement Disorders, 2013, 28, 1285-1288.	2.2	56
12	The Relationship Between Enhanced Reticulospinal Outflow and Upper Limb Function in Chronic Stroke Patients. Neurorehabilitation and Neural Repair, 2019, 33, 375-383.	1.4	53
13	Corticospinal activation confounds cerebellar effects of posterior fossa stimuli. Clinical Neurophysiology, 2009, 120, 2109-2113.	0.7	51
14	Botulinum Toxin: An Update on Pharmacology and Newer Products in Development. Toxins, 2021, 13, 58.	1.5	51
15	Stiff Person Syndrome. Frontiers of Neurology and Neuroscience, 2009, 26, 147-165.	3.0	47
16	Muscle responses to transcranial stimulation in man depend on background oscillatory activity. Journal of Physiology, 2007, 583, 567-579.	1.3	46
17	Electroencephalographic markers in dementia. Acta Neurologica Scandinavica, 2017, 135, 388-393.	1.0	42
18	Neurophysiological biomarkers for Lewy body dementias. Clinical Neurophysiology, 2016, 127, 349-359.	0.7	40

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19	Intermuscular Coherence in Normal Adults: Variability and Changes with Age. PLoS ONE, 2016, 11, e0149029.	1.1	35
20	The effect of carbamazepine on human corticomuscular coherence. NeuroImage, 2004, 22, 333-340.	2.1	33
21	ALSâ€"dying forward, backward or outward?. Nature Reviews Neurology, 2014, 10, 660-660.	4.9	33
22	Noninvasive vagus nerve stimulation improves gait and reduces freezing of gait in Parkinson's disease. Movement Disorders, 2019, 34, 917-918.	2.2	33
23	Spectrum, risk factors and outcomes of neurological and psychiatric complications of COVID-19: a UK-wide cross-sectional surveillance study. Brain Communications, 2021, 3, fcab168.	1.5	33
24	Activation of cerebellar climbing fibres to rat cerebellar posterior lobe from motor cortical output pathways. Journal of Physiology, 2001, 536, 825-839.	1.3	27
25	Degraded EEG decoding of wrist movements in absence of kinaesthetic feedback. Human Brain Mapping, 2015, 36, 643-654.	1.9	26
26	Noninvasive vagus nerve stimulation to target gait impairment in Parkinson's disease. Movement Disorders, 2019, 34, 918-919.	2.2	26
27	Forecasting stroke-like episodes and outcomes in mitochondrial disease. Brain, 2022, 145, 542-554.	3.7	25
28	Slow orthostatic tremor in multiple sclerosis. Movement Disorders, 2009, 24, 1550-1553.	2.2	24
29	The Role of EEG in the Diagnosis, Prognosis and Clinical Correlations of Dementia with Lewy Bodiesâ€"A Systematic Review. Diagnostics, 2020, 10, 616.	1.3	24
30	Non-invasive vagus nerve stimulation improves clinical and molecular biomarkers of Parkinsonâ€™s disease in patients with freezing of gait. Npj Parkinson's Disease, 2021, 7, 46.	2.5	22
31	Subclinical multisystem neurologic disease in â€œpureâ€•OPA1 autosomal dominant optic atrophy. Neurology, 2011, 77, 1309-1312.	1.5	18
32	Harlequin's Darker Side. New England Journal of Medicine, 2007, 357, e22.	13.9	17
33	Enhanced reticulospinal output in patients with (REEP1) hereditary spastic paraplegia type 31. Journal of Neurology, 2013, 260, 3182-3184.	1.8	17
34	A multiple regression model of normal central and peripheral motor conduction times. Muscle and Nerve, 2015, 51, 706-712.	1.0	17
35	Beta-Adrenergic Modulation of Tremor and Corticomuscular Coherence in Humans. PLoS ONE, 2012, 7, e49088.	1.1	17
36	The adjunctive application of transcranial direct current stimulation in the management of de novo refractory epilepsia partialis continua in adolescentâ€onset <scp>POLG</scp>â€related mitochondrial disease. Epilepsia Open, 2018, 3, 103-108.	1.3	16

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37	Millsâ€™ syndrome revisited. Journal of Neurology, 2019, 266, 667-679.	1.8	15
38	Noninvasive vagus nerve stimulation in Parkinsonâ€™s disease: current status and future prospects. Expert Review of Medical Devices, 2021, 18, 971-984.	1.4	15
39	Slow orthostatic tremor can persist when walking backward. Movement Disorders, 2010, 25, 795-797.	2.2	14
40	Non-uniform olivocerebellar conduction time in the vermis of the rat cerebellum. Journal of Physiology, 2006, 570, 501-506.	1.3	13
41	Neurostructural and Neurophysiological Correlates of Multiple Sclerosis Physical Fatigue: Systematic Review and Meta-Analysis of Cross-Sectional Studies. Neuropsychology Review, 2021, , 1.	2.5	12
42	Acute mutism: a useful lesson. Emergency Medicine Journal, 2011, 28, 82-83.	0.4	11
43	Abnormal Blink Reflex and Intermuscular Coherence in Writer's Cramp. Frontiers in Neurology, 2018, 9, 517.	1.1	11
44	A Novel Wearable Device for Motor Recovery of Hand Function in Chronic Stroke Survivors. Neurorehabilitation and Neural Repair, 2020, 34, 600-608.	1.4	11
45	The man who could not walk backward: An unusual presentation of neuroferritinopathy. Movement Disorders, 2011, 26, 362-364.	2.2	8
46	Slowed Movement Stopping in Parkinsonâ€™s Disease and Focal Dystonia is Improved by Standard Treatment. Scientific Reports, 2019, 9, 19504.	1.6	8
47	Common toxidromes in movement disorder neurology. Postgraduate Medical Journal, 2017, 93, 326-332.	0.9	6
48	Pathergy test. Practical Neurology, 2011, 11, 301-302.	0.5	5
49	Stop Signal Reaction Time measured with a portable device validates optimum STN-DBS programming. Brain Stimulation, 2020, 13, 1609-1611.	0.7	5
50	Multifocal demyelinating motor neuropathy and hamartoma syndrome associated with a de novo PTEN mutation. Neurology, 2018, 90, e1842-e1848.	1.5	4
51	Exploring Bottom-Up Visual Processing and Visual Hallucinations in Parkinson's Disease With Dementia. Frontiers in Neurology, 2020, 11, 579113.	1.1	4
52	The AMPA receptor antagonist perampanel suppresses epileptic activity in human focal cortical dysplasia. Epilepsia Open, 2021, , .	1.3	4
53	Drug-induced disorders of the nervous system. Clinical Medicine, 2007, 7, 170-176.	0.8	3
54	Comparing Stop Signal Reaction Times in Alzheimerâ€™s and Parkinsonâ€™s Disease. Canadian Journal of Neurological Sciences, 2021, , 1-10.	0.3	3

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55	Blood films in the investigation of chorea. Practical Neurology, 2012, 12, 268-268.	0.5	2
56	Electrodiagnostic applications of somatosensory evoked high-frequency EEG oscillations: Technical considerations. Brain Research Bulletin, 2018, 137, 351-355.	1.4	2
57	Amyotrophic lateral sclerosis â€“ Time for beta testing?. Clinical Neurophysiology, 2018, 129, 1455-1456.	0.7	2
58	Excitability in amyotrophic lateral sclerosis: What goes up must come down. Clinical Neurophysiology, 2020, 131, 2617-2620.	0.7	2
59	Effects of Diazepam on Reaction Times to Stop and Go. Frontiers in Human Neuroscience, 2020, 14, 567177.	1.0	2
60	Clinical Reasoning: A 25-year-old woman with recurrent episodes of collapse and loss of consciousness. Neurology, 2020, 94, 994-999.	1.5	2
61	Twitchy about fasciculation. Practical Neurology, 2020, 20, 260-261.	0.5	2
62	Low-dose clozapine-induced agranulocytosis in patients with movement disordersâ€”Retrospective study from India. Annals of Indian Academy of Neurology, 2021, 24, 831.	0.2	2
63	The phenomenon of Lhermitte. Practical Neurology, 2021, 21, 246-248.	0.5	2
64	Electrodiagnostic findings in facial onset sensory motor neuronopathy (FOSMN). Clinical Neurophysiology, 2022, 140, 228-238.	0.7	2
65	Serotonin syndrome. Drug and Therapeutics Bulletin, 2022, 60, 88-91.	0.3	2
66	Late-onset cluster seizures and intellectual disability associated with a novel truncation variant in SMC1A. Epilepsy and Behavior Reports, 2022, 19, 100556.	0.5	2
67	Clinical Reasoning: A 39-year-old man with abdominal cramps. Neurology, 2013, 81, e5-9.	1.5	1
68	Minimum Electromyographic Burst Duration in Healthy Controls: Implications for Electrodiagnosis in Movement Disorders. Movement Disorders Clinical Practice, 2020, 7, 827-833.	0.8	1
69	Sensory Ganglionopathy. New England Journal of Medicine, 2021, 384, 192-194.	13.9	1
70	Clinical Reasoning: A 71-year-old woman with subacute progressive distal weakness and paresthesia after vaccination. Neurology, 2017, 88, e168-e173.	1.5	0
71	PLP1 mutations and central demyelination. Neurology: Clinical Practice, 2017, 7, 451-454.	0.8	0
72	Rehabilitating Romberg. Advances in Clinical Neuroscience & Rehabilitation: ACNR, 2022, 21, 15-17.	0.1	0