

Antonio CurrÃ

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,983
citations

236833

25
h-index

175177

52
g-index

92
all docs

92
docs citations

92
times ranked

3311
citing authors

#	ARTICLE	IF	CITATIONS
1	The clinical diagnostic utility of transcranial magnetic stimulation: Report of an IFCN committee. <i>Clinical Neurophysiology</i> , 2008, 119, 504-532.	0.7	547
2	Pathophysiology of Spasticity: Implications for Neurorehabilitation. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	206
3	Pathophysiology of chorea and bradykinesia in Huntington's disease. <i>Movement Disorders</i> , 1999, 14, 398-403.	2.2	182
4	Botulinum Toxin A Treatment for Primary Hemifacial Spasm. <i>Archives of Neurology</i> , 2002, 59, 418.	4.9	159
5	Central effects of botulinum toxin type A: Evidence and supposition. <i>Movement Disorders</i> , 2004, 19, S60-S64.	2.2	133
6	Impairment of individual finger movements in Parkinson's disease. <i>Movement Disorders</i> , 2003, 18, 560-565.	2.2	111
7	Abnormal cortical responses to somatosensory stimulation in medication-overuse headache. <i>BMC Neurology</i> , 2010, 10, 126.	0.8	99
8	Pathophysiology of tics and Tourette syndrome. <i>Journal of Neurology</i> , 2003, 250, 781-787.	1.8	90
9	Botulinum toxin changes intrafusal feedback in dystonia: A study with the tonic vibration reflex. <i>Movement Disorders</i> , 2006, 21, 777-782.	2.2	90
10	Balance Dysfunction in Parkinson's Disease. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	90
11	Do the unintended actions of botulinum toxin at distant sites have clinical implications?. <i>Neurology</i> , 2009, 72, 1095-1099.	1.5	73
12	Performance of sequential arm movements with and without advance knowledge of motor pathways in Parkinson's disease. <i>Movement Disorders</i> , 1997, 12, 646-654.	2.2	62
13	Movement cueing and motor execution in patients with dystonia: A kinematic study. <i>Movement Disorders</i> , 2000, 15, 103-112.	2.2	53
14	Shortened cortical silent period in facial muscles of patients with migraine. <i>Pain</i> , 2007, 132, 124-131.	2.0	53
15	Clinical impairment of sequential finger movements in Parkinson's disease. <i>Movement Disorders</i> , 1998, 13, 418-421.	2.2	52
16	Neurophysiological investigations in patients with primary writing tremor. <i>Movement Disorders</i> , 2002, 17, 1336-1340.	2.2	49
17	Cortical response to somatosensory stimulation in medication overuse headache patients is influenced by angiotensin converting enzyme (ACE) I/D genetic polymorphism. <i>Cephalalgia</i> , 2012, 32, 1189-1197.	1.8	42
18	Depressed intracortical inhibition after long trains of subthreshold repetitive magnetic stimuli at low frequency. <i>Clinical Neurophysiology</i> , 2003, 114, 2416-2422.	0.7	40

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19	Drug-induced changes in cortical inhibition in medication overuse headache. <i>Cephalalgia</i> , 2011, 31, 1282-1290.	1.8	36
20	Near-infrared spectroscopy as a tool for in vivo analysis of human muscles. <i>Scientific Reports</i> , 2019, 9, 8623.	1.6	36
21	The Cerebellum Modulates Attention Network Functioning: Evidence from a Cerebellar Transcranial Direct Current Stimulation and Attention Network Test Study. <i>Cerebellum</i> , 2019, 18, 457-468.	1.4	35
22	Spastic dystonia in stroke subjects: prevalence and features of the neglected phenomenon of the upper motor neuron syndrome. <i>Clinical Neurophysiology</i> , 2019, 130, 521-527.	0.7	35
23	Changes in visual-evoked potential habituation induced by hyperventilation in migraine. <i>Journal of Headache and Pain</i> , 2010, 11, 497-503.	2.5	32
24	Attention in Parkinson's disease with fatigue: evidence from the attention network test. <i>Journal of Neural Transmission</i> , 2017, 124, 335-345.	1.4	30
25	Kinematic and Electromyographic Study of the Nociceptive Withdrawal Reflex in the Upper Limbs during Rest and Movement. <i>Journal of Neuroscience</i> , 2006, 26, 3505-3513.	1.7	29
26	The Role of the Right Dorsolateral Prefrontal Cortex in Phasic Alertness: Evidence from a Contingent Negative Variation and Repetitive Transcranial Magnetic Stimulation Study. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	1.0	27
27	Spasticity and spastic dystonia: the two faces of velocity-dependent hypertonia. <i>Journal of Electromyography and Kinesiology</i> , 2017, 37, 84-89.	0.7	27
28	A randomised controlled cross-over double-blind pilot study protocol on THC:CBD oromucosal spray efficacy as an add-on therapy for post-stroke spasticity. <i>BMJ Open</i> , 2017, 7, e016843.	0.8	27
29	Prolonged practice is of scarce benefit in improving motor performance in Parkinson's disease. <i>Movement Disorders</i> , 2004, 19, 1285-1293.	2.2	26
30	Lack of cold pressor test-induced effect on visual-evoked potentials in migraine. <i>Journal of Headache and Pain</i> , 2010, 11, 115-121.	2.5	25
31	Sub-movement cueing and motor sequence execution in patients with Huntington's disease. <i>Clinical Neurophysiology</i> , 2000, 111, 1184-1190.	0.7	24
32	Pathophysiology and treatment of cranial dystonia. <i>Movement Disorders</i> , 2002, 17, S70-S74.	2.2	24
33	Effects of cerebellar transcranial direct current stimulation on attentional processing of the stimulus: Evidence from an event-related potentials study. <i>Neuropsychologia</i> , 2016, 84, 127-135.	0.7	24
34	In normal aging ventricular system never attains pathological values of Evans' index. <i>Oncotarget</i> , 2016, 7, 11860-11863.	0.8	22
35	Impairment of individual finger movements in patients with hand dystonia. <i>Movement Disorders</i> , 2004, 19, 1351-1357.	2.2	21
36	Effects of Cerebellar tDCS on Inhibitory Control: Evidence from a Go/NoGo Task. <i>Cerebellum</i> , 2020, 19, 788-798.	1.4	21

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37	Tonic Pain Abolishes Cortical Habituation of Visual Evoked Potentials in Healthy Subjects. <i>Journal of Pain</i> , 2010, 11, 291-296.	0.7	20
38	Central fatigue and attentional processing in Parkinson's disease: An event-related potentials study. <i>Clinical Neurophysiology</i> , 2019, 130, 692-700.	0.7	20
39	The effect of cannabinoids on the stretch reflex in multiple sclerosis spasticity. <i>International Clinical Psychopharmacology</i> , 2016, 31, 232-239.	0.9	19
40	Progressive Cognitive Impairment Evolving to Dementia Parallels Parieto-Occipital and Temporal Enlargement in Idiopathic Chronic Hydrocephalus: A Retrospective Cohort Study. <i>Frontiers in Neurology</i> , 2015, 6, 15.	1.1	18
41	Phasic alertness in a cued double-choice reaction time task: A Contingent Negative Variation (CNV) study. <i>Neuroscience Letters</i> , 2014, 581, 7-13.	1.0	17
42	The timing and intensity of transcranial magnetic stimulation, and the scalp site stimulated, as variables influencing motor sequence performance in healthy subjects. <i>Experimental Brain Research</i> , 2005, 166, 43-55.	0.7	16
43	Shock Waves in the Treatment of Muscle Hypertonia and Dystonia. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	15
44	Psychiatric onset and late chorea in a patient with 41 CAG repeats in the TATA-binding protein gene. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 678-679.	1.1	13
45	Spastic dystonia or inability to voluntary silence EMG activity? Time for clarifying the nomenclature. <i>Clinical Neurophysiology</i> , 2019, 130, 1076-1077.	0.7	13
46	Stance Postural Strategies in Patients with Chronic Inflammatory Demyelinating Polyradiculoneuropathy. <i>PLoS ONE</i> , 2016, 11, e0151629.	1.1	13
47	Acute motor-sensory axonal neuropathy after cervical spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 82-85.	0.9	12
48	Electromyographic assessment of paratonia. <i>Experimental Brain Research</i> , 2017, 235, 949-956.	0.7	12
49	Influence of rTMS over the left primary motor cortex on initiation and performance of a simple movement executed with the contralateral arm in healthy volunteers. <i>Experimental Brain Research</i> , 2013, 224, 383-392.	0.7	11
50	Selective attentional deficit in essential tremor: Evidence from the attention network test. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1306-1311.	1.1	11
51	Spasticity, spastic dystonia, and static stretch reflex in hypertonic muscles of patients with multiple sclerosis. <i>Clinical Neurophysiology Practice</i> , 2021, 6, 194-202.	0.6	10
52	Restoration of sexual activity in patients with chronic hydrocephalus after shunt placement. <i>Acta Neurochirurgica</i> , 2009, 151, 1241-1244.	0.9	9
53	The effect of age on post-activation depression of the upper limb H-reflex. <i>European Journal of Applied Physiology</i> , 2014, 114, 359-364.	1.2	9
54	Insights from ERPs into attention during recovery after cerebellar stroke: a case report. <i>Neurocase</i> , 2015, 21, 721-726.	0.2	9

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55	The Ventricular System Enlarges Abnormally in the Seventies, Earlier in Men, and First in the Frontal Horn: A Study Based on More Than 3,000 Scans. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 294.	1.7	9
56	Do flexible inter-injection intervals improve the effects of botulinum toxin A treatment in reducing impairment and disability in patients with spasticity?. <i>Medical Hypotheses</i> , 2017, 102, 28-32.	0.8	8
57	Learning “How to Learn” Super Declarative Motor Learning Is Impaired in Parkinson’s Disease. <i>Neural Plasticity</i> , 2017, 2017, 1-8.	1.0	8
58	Chapter 21 Recent findings in cranial and cervical dystonia: how they help us to understand the pathophysiology of dystonia. <i>Supplements To Clinical Neurophysiology</i> , 2006, 58, 257-265.	2.1	7
59	Effectiveness of Botulinum Toxin on Pain in Stroke Patients Suffering from Upper Limb Spastic Dystonia. <i>Toxins</i> , 2022, 14, 39.	1.5	7
60	Transcranial Magnetic Stimulation in Movement Disorders. , 2005, , 181-195.		5
61	Ghost spasticity in multiple sclerosis. <i>Journal of Electromyography and Kinesiology</i> , 2020, 51, 102408.	0.7	5
62	Torsion dystonia. <i>Current Opinion in Neurology</i> , 1996, 9, 317-320.	1.8	4
63	Chapter 73 Measures of cortical inhibition in health and disease. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 691-701.	2.1	4
64	Serotonergic central tone in Parkinson’s disease with fatigue: Evidence from the loudness dependence of auditory evoked potentials (LDAEP). <i>Neuroscience Letters</i> , 2021, 764, 136242.	1.0	4
65	Temporal Horn Enlargements Predict Secondary Hydrocephalus Diagnosis Earlier than Evans’ Index. <i>Tomography</i> , 2022, 8, 1429-1436.	0.8	4
66	Not all Forms of Muscle Hypertonia Worsen With Fatigue: A Pilot Study in Para Swimmers. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	4
67	Intraparenchymal haemorrhage after a cerebrospinal fluid tap-test for secondary normal pressure hydrocephalus. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 914-916.	0.8	3
68	“Postural strategies assessed with inertial sensors in healthy and Parkinson subjects” by C. Baston et al. [<i>Gait Posture</i> 40 (2014) 70–75]: Really a new method to analyze postural strategy?. <i>Gait and Posture</i> , 2015, 41, 744.	0.6	3
69	Bloodletting from the Ankle Vein to Treat Sciatic Pain. <i>Pain Medicine</i> , 2015, 16, 30-36.	0.9	3
70	Intracerebral hemorrhage after cranioplasty: an unpredictable treacherous complication due to reperfusion or possible systemic inflammatory response syndrome. <i>Neurological Sciences</i> , 2018, 39, 959-960.	0.9	3
71	Near infrared spectroscopy of human muscles. , 2018, , .		3
72	Reconstruction of Skull Defects in the Middle Ages and Renaissance. <i>Neuroscientist</i> , 2015, 21, 322-328.	2.6	2

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73	Attentional functioning in individuals with 22q11 deletion syndrome: insight from ERPs. <i>Journal of Neural Transmission</i> , 2018, 125, 1043-1052.	1.4	2
74	Ventriculoatrial shunt in adults. A case series, with emphasis on atrial catheter migration. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 133-137.	0.2	2
75	Near infrared spectroscopy as a tool for in vivo analysis of human muscles. , 2018, , .		2
76	Near-Infrared Transflectance Spectroscopy Discriminates Solutions Containing Two Commercial Formulations of Botulinum Toxin Type A Diluted at Recommended Volumes for Clinical Reconstitution. <i>Biosensors</i> , 2022, 12, 216.	2.3	2
77	Electromyographic Patterns of Paratonia in Normal Subjects and in Patients with Mild Cognitive Impairment or Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1065-1077.	1.2	2
78	Chapter 35 Chorea, athetosis, dyskinesias, hemiballismus. <i>Handbook of Clinical Neurophysiology</i> , 2003, , 571-582.	0.0	1
79	Delayed Intraparenchymal Hematoma Following Diagnostic Lumbar Puncture. <i>Neurologist</i> , 2015, 20, 70-73.	0.4	1
80	Ischaemic stroke with partial haemorrhagic transformation related to a small-sized tuberculum sellae meningioma. <i>Neurological Sciences</i> , 2015, 36, 649-651.	0.9	1
81	In Reply to "A Limited Study on Brain Diseases in Kitāb al-Taysīr (Liber Teisir) of Ibn Zuhr (Avenzoar)". <i>World Neurosurgery</i> , 2019, 128, 628.	0.7	1
82	Letter to the Editor Regarding "Did Ibn Zuhr (Avenzoar) Postulate Before Vesalius That Liquid Collects in Ventricles in the Hydrocephalus?" <i>World Neurosurgery</i> , 2019, 126, 681-682.	0.7	1
83	A dataset of visible "short wave infrared reflectance spectra collected in vivo on the dorsal and ventral aspect of arms. <i>Data in Brief</i> , 2020, 33, 106480.	0.5	1
84	Diplopia as isolated presentation of varicella zoster central nervous system reactivation. <i>Journal of NeuroVirology</i> , 2017, 23, 621-624.	1.0	1
85	Third Cranial Nerve Palsy after Monoclonal Antibody Therapy for Lung Cancer: A Case Report. <i>Case Reports in Ophthalmology</i> , 2022, 13, 282-285.	0.3	1
86	Neurophysiology of Parkinson's disease, levodopa-induced dyskinesias, dystonia, Huntington's disease and myoclonus. , 2005, , 227-250.		0
87	Plastering the Head with Crushed Snails to Treat Pediatric Hydrocephalus. <i>Neuroscientist</i> , 2012, 18, 399-406.	2.6	0
88	In Reply to the Letter to the Editor Regarding "A Limited Study on Brain Disease in Kitāb al-Taysīr (Liber Tj ETQq0,0 0 rgBT/Overlock	0.7	0
89	Letter to the Editor concerning "Rotational vertebral artery occlusion ('bow hunter syndrome')" by Schulz R, Donoso R, Weissman K (<i>Eur Spine J.</i> 2021 Jan 2. doi:10.1007/s00586-020-06, 680-5). <i>European Spine Journal</i> , 2021, 30, 1387-1388.	1.0	0
90	Post-traumatic hydrocephalus after decompressive craniectomy. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 268-269.	0.8	0

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91	Habituation of Somatosensory Evoked Potentials in Patients with Alzheimer's Disease and Those with Vascular Dementia. Medicina (Lithuania), 2021, 57, 1364.	0.8	0
92	Surgical Treatment of Single Pontomedullary Junction Metastasis from Lung Cancer. Case Reports in Oncological Medicine, 2022, 2022, 1-3.	0.2	0