

Erich Talamoni Fonoff

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

3,389
citations

147801

31
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197818

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154
all docs

154
docs citations

154
times ranked

3967
citing authors

#	ARTICLE	IF	CITATIONS
1	Repetitive Transcranial Magnetic Stimulation Is Efficacious as an Add-On to Pharmacological Therapy in Complex Regional Pain Syndrome (CRPS) Type I. <i>Journal of Pain</i> , 2010, 11, 1203-1210.	1.4	126
2	EuroInf 2: Subthalamic stimulation, apomorphine, and levodopa infusion in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 353-365.	3.9	126
3	Motor cortex stimulation inhibits thalamic sensory neurons and enhances activity of PAG neurons: Possible pathways for antinociception. <i>Pain</i> , 2012, 153, 2359-2369.	4.2	120
4	Effects of deep brain stimulation on pain and other nonmotor symptoms in Parkinson disease. <i>Neurology</i> , 2014, 83, 1403-1409.	1.1	111
5	Subthalamic Nucleus Deep Brain Stimulation: Basic Concepts and Novel Perspectives. <i>ENeuro</i> , 2017, 4, ENEURO.0140-17.2017.	1.9	106
6	Non-motor outcomes depend on location of neurostimulation in Parkinson's disease. <i>Brain</i> , 2019, 142, 3592-3604.	7.6	90
7	Cerebral hemodynamics: concepts of clinical importance. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 357-365.	0.8	83
8	Spinal cord stimulation improves gait in patients with Parkinson's disease previously treated with deep brain stimulation. <i>Movement Disorders</i> , 2017, 32, 278-282.	3.9	77
9	Sensory abnormalities and pain in Parkinson disease and its modulation by treatment of motor symptoms. <i>European Journal of Pain</i> , 2016, 20, 151-165.	2.8	76
10	Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2019, 24, 218-240.	7.9	73
11	Antinociception induced by epidural motor cortex stimulation in naive conscious rats is mediated by the opioid system. <i>Behavioural Brain Research</i> , 2009, 196, 63-70.	2.2	70
12	Ozone therapy as a treatment for low back pain secondary to herniated disc: a systematic review and meta-analysis of randomized controlled trials. <i>Pain Physician</i> , 2012, 15, E115-29.	0.4	68
13	Functional mapping of the motor cortex of the rat using transdural electrical stimulation. <i>Behavioural Brain Research</i> , 2009, 202, 138-141.	2.2	62
14	Subthalamic deep brain stimulation modulates small fiber-dependent sensory thresholds in Parkinson's disease. <i>Pain</i> , 2012, 153, 1107-1113.	4.2	62
15	Amygdala and Hypothalamus: Historical Overview With Focus on Aggression. <i>Neurosurgery</i> , 2019, 85, 11-30.	1.1	59
16	Spinal cord stimulation for Parkinson's disease: a systematic review. <i>Neurosurgical Review</i> , 2016, 39, 27-35.	2.4	58
17	Decompressive craniectomy and head injury: brain morphometry, ICP, cerebral hemodynamics, cerebral microvascular reactivity, and neurochemistry. <i>Neurosurgical Review</i> , 2013, 36, 361-370.	2.4	56
18	Deep Brain Stimulation. <i>Neuroscientist</i> , 2016, 22, 332-345.	3.5	53

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19	Listenmee® and Listenmee® smartphone application: Synchronizing walking to rhythmic auditory cues to improve gait in Parkinson's disease. <i>Human Movement Science</i> , 2014, 37, 147-156.	1.4	52
20	Transdural motor cortex stimulation reverses neuropathic pain in rats: A profile of neuronal activation. <i>European Journal of Pain</i> , 2011, 15, 268.e1-14.	2.8	51
21	Seizure frequency reduction after posteromedial hypothalamus deep brain stimulation in drug-resistant epilepsy associated with intractable aggressive behavior. <i>Epilepsia</i> , 2015, 56, 1152-1161.	5.1	44
22	Bilateral subthalamic nucleus stimulation for generalized dystonia after bilateral pallidotomy. <i>Movement Disorders</i> , 2012, 27, 1559-1563.	3.9	43
23	Cortical mapping with navigated transcranial magnetic stimulation in low-grade glioma surgery. <i>Neuropsychiatric Disease and Treatment</i> , 2012, 8, 197.	2.2	42
24	Psychometric validation of the Portuguese version of the Neuropathic Pain Symptoms Inventory. <i>Health and Quality of Life Outcomes</i> , 2011, 9, 107.	2.4	41
25	Effects of spinal cord stimulation on postural control in Parkinson's disease patients with freezing of gait. <i>ELife</i> , 2018, 7, .	6.0	38
26	Parkinson's disease and pain: Modulation of nociceptive circuitry in a rat model of nigrostriatal lesion. <i>Experimental Neurology</i> , 2019, 315, 72-81.	4.1	36
27	Beneficial nonmotor effects of subthalamic and pallidal neurostimulation in Parkinson's disease. <i>Brain Stimulation</i> , 2020, 13, 1697-1705.	1.6	36
28	Magnetic resonance diffusion tensor imaging for the pedunculopontine nucleus: proof of concept and histological correlation. <i>Brain Structure and Function</i> , 2017, 222, 2547-2558.	2.3	35
29	Pain Relief and Functional Recovery in Patients with Complex Regional Pain Syndrome after Motor Cortex Stimulation. <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 167-172.	1.5	34
30	Antinociception induced by motor cortex stimulation: Somatotopy of behavioral response and profile of neuronal activation. <i>Behavioural Brain Research</i> , 2013, 250, 211-221.	2.2	33
31	Deep brain stimulation of the globus pallidus internus or ventralis intermedialis nucleus of thalamus for Holmes tremor. <i>Neurosurgical Review</i> , 2015, 38, 753-763.	2.4	33
32	Dream Recall Frequencies and Dream Content in Wilson's Disease with and without REM Sleep Behaviour Disorder: A Neurooneirologic Study. <i>Behavioural Neurology</i> , 2016, 2016, 1-11.	2.1	32
33	Assessment of Safety and Outcome of Lateral Hypothalamic Deep Brain Stimulation for Obesity in a Small Series of Patients With Prader-Willi Syndrome. <i>JAMA Network Open</i> , 2018, 1, e185275.	5.9	32
34	Spinal Cord Stimulation for Freezing of Gait: From Bench to Bedside. <i>Frontiers in Neurology</i> , 2019, 10, 905.	2.4	32
35	&p>Deep brain stimulation in Tourette’s syndrome: evidence to date</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1061-1075.	2.2	32
36	Cerebral Microdialysis in Traumatic Brain Injury and Subarachnoid Hemorrhage: State of the Art. <i>Neurocritical Care</i> , 2014, 21, 152-62.	2.4	31

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37	The spinal anti-inflammatory mechanism of motor cortex stimulation: cause of success and refractoriness in neuropathic pain?. <i>Journal of Neuroinflammation</i> , 2015, 12, 10.	7.2	31
38	Motor cortex stimulation for chronic neuropathic pain: results of a double-blind randomized study. <i>Brain</i> , 2021, 144, 2994-3004.	7.6	31
39	Subthalamic deep brain stimulation modulates conscious perception of sensory function in Parkinson's disease. <i>Pain</i> , 2016, 157, 2758-2765.	4.2	29
40	Wilson's disease with and without rapid eye movement sleep behavior disorder compared to healthy matched controls. <i>Sleep Medicine</i> , 2016, 17, 179-185.	1.6	28
41	High thickness histological sections as alternative to study the three-dimensional microscopic human sub-cortical neuroanatomy. <i>Brain Structure and Function</i> , 2018, 223, 1121-1132.	2.3	28
42	Chronic Spinal and Oral Morphine-Induced Neuroendocrine and Metabolic Changes in Noncancer Pain Patients. <i>Pain Medicine</i> , 2015, 16, 715-725.	1.9	27
43	Deep Brain Stimulation Initiative: Toward Innovative Technology, New Disease Indications, and Approaches to Current and Future Clinical Challenges in Neuromodulation Therapy. <i>Frontiers in Neurology</i> , 2020, 11, 597451.	2.4	27
44	Motor cortex and pain control: exploring the descending relay analgesic pathways and spinal nociceptive neurons in healthy conscious rats. <i>Behavioral and Brain Functions</i> , 2019, 15, 5.	3.3	26
45	Dorsal Root Entry Zone Lesions for Treatment of Pain-Related to Radiation-Induced Plexopathy. <i>Spine</i> , 2007, 32, E316-E319.	2.0	25
46	Stereotactic disconnection of hypothalamic hamartoma to control seizure and behavior disturbance: case report and literature review. <i>Neurosurgical Review</i> , 2008, 31, 343-9.	2.4	24
47	Long-term improvement of tremor and ataxia after bilateral DBS of V <sc>o</sc> P/zona incerta in FXTAS. <i>Neurology</i> , 2015, 84, 1904-1906.	1.1	22
48	Unraveling the Role of Astrocytes in Subthalamic Nucleus Deep Brain Stimulation in a Parkinsonâ€™s Disease Rat Model. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 939-954.	3.3	22
49	Substantia nigra hyperechogenicity in Parkinsonâ€™s disease. <i>Acta Neurochirurgica</i> , 2010, 152, 2085-2087.	1.7	21
50	DBS for Obesity. <i>Brain Sciences</i> , 2016, 6, 21.	2.3	21
51	Double-target DBS for essential tremor: 8-contact lead for cZI and Vim aligned in the same trajectory. <i>Neurology</i> , 2018, 90, 476-478.	1.1	21
52	Myelopathic Presentation of Cervical Juxtafacet Cyst: A Case Report. <i>Spine</i> , 2004, 29, E538-E541.	2.0	20
53	Cortical stimulation of language fields under local anesthesia: optimizing removal of brain lesions adjacent to speech areas. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 534-538.	0.8	20
54	Correlation Between Impulsivity and Executive Function in Patients With Parkinson Disease Experiencing Depression and Anxiety Symptoms. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2015, 28, 49-56.	2.3	20

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55	Relationship Between Posturography, Clinical Balance and Executive Function in Parkinson's Disease. <i>Journal of Motor Behavior</i> , 2019, 51, 212-221.	0.9	20
56	The Ansa Subthalamica: A Neglected Fiber Tract. <i>Movement Disorders</i> , 2020, 35, 75-80.	3.9	20
57	Neuropathic pain in patients with spinal cord injury: report of 213 patients. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 600-603.	0.8	19
58	Lateral hypothalamic activity indicates hunger and satiety states in humans. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 897-901.	3.7	19
59	Laryngeal electromyography as a diagnostic tool for Parkinson's disease. <i>Laryngoscope</i> , 2014, 124, 725-729.	2.0	18
60	Quality of Life After Motor Cortex Stimulation: Clinical Results and Systematic Review of the Literature. <i>Neurosurgery</i> , 2019, 84, 451-456.	1.1	18
61	Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. <i>Revista Da Associaç�o M�dica Brasileira</i> , 2011, 57, 282-287.	0.7	18
62	Posttraumatic Refractory Intracranial Hypertension and Brain Herniation Syndrome: Cerebral Hemodynamic Assessment before Decompressive Craniectomy. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	17
63	An Image Correction Protocol to Reduce Distortion for 3-T Stereotactic MRI. <i>Neurosurgery</i> , 2014, 74, 121-127.	1.1	17
64	Reconstruction of reaching movement trajectories using electrocorticographic signals in humans. <i>PLoS ONE</i> , 2017, 12, e0182542.	2.5	17
65	Monoaminergic regulation of nociceptive circuitry in a Parkinson's disease rat model. <i>Experimental Neurology</i> , 2019, 318, 12-21.	4.1	17
66	Dopamine modulates individual differences in avoidance behavior: A pharmacological, immunohistochemical, neurochemical and volumetric investigation. <i>Neurobiology of Stress</i> , 2020, 12, 100219.	4.0	17
67	Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. <i>Revista Da Associaç�o M�dica Brasileira (English Edition)</i> , 2011, 57, 282-287.	0.1	16
68	Intraoperative dopamine release during globus pallidus internus stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 2027-2032.	3.9	16
69	Effects of ozone applied by spinal endoscopy in patients with chronic pain related to failed back surgery syndrome: a pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1759.	2.2	16
70	Restless legs syndrome in Wilson's disease: frequency, characteristics, and mimics. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 211-218.	2.1	16
71	Teaching NeuroImages: In vivo visualization of Edinger comb and Wilson pencils. <i>Neurology</i> , 2019, 92, e1663-e1664.	1.1	16
72	Connectivity Patterns of Subthalamic Stimulation Influence Pain Outcomes in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 9.	2.4	16

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73	Long Term Intrathecal Infusion of Opiates for Treatment of Failed Back Surgery Syndrome. <i>Acta Neurochirurgica Supplementum</i> , 2011, 108, 41-47.	1.0	16
74	Endoscopic-guided percutaneous radiofrequency cordotomy. <i>Journal of Neurosurgery</i> , 2010, 113, 524-527.	1.6	15
75	Effects of Subthalamic Stimulation on Olfactory Function in Parkinson Disease. <i>World Neurosurgery</i> , 2018, 114, e559-e564.	1.3	15
76	Longitudinal Changes After Amygdala Surgery for Intractable Aggressive Behavior: Clinical, Imaging Genetics, and Deformation-Based Morphometry Study—A Case Series. <i>Neurosurgery</i> , 2021, 88, E158-E169.	1.1	15
77	Neurochemical effects of motor cortex stimulation in the periaqueductal gray during neuropathic pain. <i>Journal of Neurosurgery</i> , 2020, 132, 239-251.	1.6	15
78	Stereotactic biopsies of brain lesions. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 74-77.	0.8	14
79	Tumoral form of aspergillosis in central nervous system (cerebral aspergilloma): case report. <i>Sao Paulo Medical Journal</i> , 2003, 121, 251-253.	0.9	13
80	Treatment of colloid cysts of the third ventricle through neuroendoscopic Nd: YAG laser stereotaxis. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 1082-1087.	0.8	12
81	Spinal cord stimulation for gait dysfunction in Parkinson's disease: Essential questions to discuss. <i>Movement Disorders</i> , 2018, 33, 1828-1829.	3.9	12
82	Neurovascular compression in painful tic convulsif. <i>Acta Neurochirurgica</i> , 2009, 151, 989-993.	1.7	10
83	Use of low intensity laser treatment in neuropathic pain refractory to clinical treatment in amputation stumps. <i>International Journal of General Medicine</i> , 2012, 5, 739.	1.8	10
84	Parallel improvement in anxiety and tics after DBS for medically intractable Tourette syndrome: A long-term follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 33-35.	1.4	10
85	Evaluation of GX1 and RGD-GX1 peptides as new radiotracers for angiogenesis evaluation in experimental glioma models. <i>Amino Acids</i> , 2016, 48, 821-831.	2.7	10
86	Microendoscopy-guided percutaneous cordotomy for intractable pain: case series of 24 patients. <i>Journal of Neurosurgery</i> , 2016, 124, 389-396.	1.6	10
87	Ablative surgery for Parkinson's disease: Is there still a role for pallidotomy in the deep brain stimulation era?. <i>Clinical Neurology and Neurosurgery</i> , 2017, 158, 33-39.	1.4	10
88	Effects of ozone on the pain and disability in patients with failed back surgery syndrome. <i>Revista Da Associaç�o M�dica Brasileira</i> , 2017, 63, 355-360.	0.7	10
89	Bilateral Amygdala Radio-Frequency Ablation for Refractory Aggressive Behavior Alters Local Cortical Thickness to a Pattern Found in Non-refractory Patients. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 653631.	2.0	10
90	Endoscopic Approaches to the Spinal Cord. <i>Acta Neurochirurgica Supplementum</i> , 2011, 108, 75-84.	1.0	10

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91	Hypertrophic Olivary Degeneration and Holmesâ€™ Tremor Secondary to Bleeding of Cavernous Malformation in the Midbrain. Tremor and Other Hyperkinetic Movements, 2020, 4, 264.	2.0	10
92	Hypertrophic olivary degeneration and holmes' tremor secondary to bleeding of cavernous malformation in the midbrain. Tremor and Other Hyperkinetic Movements, 2014, 4, 264.	2.0	10
93	Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2011, 57, 282-7.	0.7	10
94	Psychosurgery for schizophrenia: history and perspectives. Neuropsychiatric Disease and Treatment, 2013, 9, 509.	2.2	9
95	Refractoriness of aggressive behaviour to pharmacological treatment: cortical thickness analysis in autism spectrum disorder. BJPsych Open, 2020, 6, e85.	0.7	9
96	Neurogenic neuroprotection: clinical perspectives. Functional Neurology, 2012, 27, 207-16.	1.3	9
97	Microendoscopic stereotactic-guided percutaneous radiofrequency trigeminal nucleotomectomy. Journal of Neurosurgery, 2012, 116, 331-335.	1.6	8
98	Peripheral Nerve Stimulation for Painful Mononeuropathy Secondary to Leprosy: A 12-Month Follow-Up Study. Neuromodulation, 2018, 21, 310-316.	0.8	8
99	Directional Deep Brain Stimulation of the Posteromedial Hypothalamus for Refractory Intermittent Explosive Disorder: A Case Series Using a Novel Neurostimulation Device and Intraoperative Microdialysis. World Neurosurgery, 2021, 155, e19-e33.	1.3	8
100	Spinal Cord Stimulation for the Treatment of Neuropathic Pain Related to Syringomyelia. Pain Medicine, 2013, 14, 767-768.	1.9	7
101	Use of computational fluid dynamics for 3D fiber tract visualization on human high-thickness histological slices: histological mesh tractography. Brain Structure and Function, 2021, 226, 323-333.	2.3	7
102	Pain Relief in CRPS-II after Spinal Cord and Motor Cortex Simultaneous Dual Stimulation. Pain Physician, 2016, 19, E631-5.	0.4	7
103	Pet findings in reversible improvement of olfactory dysfunction after STN stimulation in a Parkinson's disease patient. Movement Disorders, 2010, 25, 2466-2468.	3.9	6
104	Navigated transcranial magnetic stimulation in preoperative planning for the treatment of motor area cavernous angiomas. Neuropsychiatric Disease and Treatment, 2013, 9, 1885.	2.2	6
105	Optical coherence tomography imaging of the basal ganglia: feasibility and brief review. Brazilian Journal of Medical and Biological Research, 2015, 48, 1156-1159.	1.5	6
106	Intrathecal Morphine Therapy in the Management of Status Dystonicus in Neurodegeneration Brain Iron Accumulation Type 1. Pediatric Neurosurgery, 2015, 50, 94-98.	0.7	6
107	Optimizing microdialysis for deep brain stimulation. Frontiers in Bioscience - Elite, 2016, 8, 299-310.	1.8	6
108	Caudal Zona Incerta/VOP Radiofrequency Lesioning Guided by Combined Stereotactic MRI and Microelectrode Recording for Posttraumatic Midbrain Resting-Kinetic Tremor. World Neurosurgery, 2016, 86, 316-320.	1.3	6

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109	Pedunculopontine DBS improves balance in progressive supranuclear palsy: Instrumental analysis. <i>Clinical Neurophysiology</i> , 2016, 127, 3470-3471.	1.5	6
110	Simultaneous bilateral stereotactic procedure for deep brain stimulation implants: a significant step for reducing operation time. <i>Journal of Neurosurgery</i> , 2016, 125, 85-89.	1.6	6
111	Spinal cord stimulation improves motor function and gait in spastic paraplegia type 4 (SPG4): Clinical and neurophysiological evaluation. <i>Parkinsonism and Related Disorders</i> , 2021, 83, 1-5.	2.2	6
112	Deep brain stimulation modulates hypothalamic-brainstem fibers in cluster headache: case report. <i>Journal of Neurosurgery</i> , 2020, 132, 717-720.	1.6	6
113	Celiac plexus neurolysis for the treatment of upper abdominal cancer pain. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1209.	2.2	5
114	Temporal alignment of electrocorticographic recordings for upper limb movement. <i>Frontiers in Neuroscience</i> , 2014, 8, 431.	2.8	5
115	Effects of sexed semen and interactive effects on commercial in vitro embryo production when oocytes are collected from cows of <i>Bos indicus</i> , and <i>Bos taurus</i> breeding and crossbred cows of these subspecies. <i>Animal Reproduction Science</i> , 2015, 156, 58-63.	1.5	5
116	Increased Anxiety-Like Behavior in the Acute Phase of a Preclinical Model of Periodontal Disease. <i>Frontiers in Neurology</i> , 2020, 11, 598851.	2.4	5
117	Motor Cortex Stimulation Reversed Hypernociception, Increased Serotonin in Raphe Neurons, and Caused Inhibition of Spinal Astrocytes in a Parkinson's Disease Rat Model. <i>Cells</i> , 2021, 10, 1158.	4.1	5
118	Case report: 5 Years follow-up on posterior hypothalamus deep brain stimulation for intractable aggressive behaviour associated with drug-resistant epilepsy. <i>Brain Stimulation</i> , 2021, 14, 1201-1204.	1.6	5
119	Low-Noise Amplifier for Deep-Brain Stimulation (DBS). <i>Electronics (Switzerland)</i> , 2022, 11, 939.	3.1	5
120	Use of intraoperative MRI for resection of gliomas. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 949-953.	0.8	4
121	Effect of Levodopa+Carbidopa on the Laryngeal Electromyographic Pattern in Parkinson Disease. <i>Journal of Voice</i> , 2017, 31, 383.e19-383.e23.	1.5	4
122	Quantitative transcranial sonography in Wilson's disease and healthy controls: Cut-off values and functional correlates. <i>Journal of the Neurological Sciences</i> , 2018, 385, 69-74.	0.6	4
123	Evaluation of Postoperative Deficits following Motor Cortex Tumor Resection using Small Craniotomy. <i>The Surgery Journal</i> , 2019, 05, e8-e13.	0.7	4
124	The ansa subthalamica as a substrate for DBS-induced manic symptoms. <i>Brain Stimulation</i> , 2020, 13, 1399-1401.	1.6	4
125	Paracoccidioidomycosis: intralesional therapy. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 458-459.	0.8	4
126	Pain Relief in CRPS-II after Spinal Cord and Motor Cortex Simultaneous Dual Stimulation. <i>Pain Physician</i> , 2016, 4;19, E631-E635.	0.4	4

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127	Efeito da técnica de sobrearticularização na voz e na fala em indivíduos com doença de Parkinson após cirurgia de estimulação cerebral profunda. <i>Audiology: Communication Research</i> , 0, 24, .	0.1	4
128	Wavelet transform and cross-correlation as tools for seizure prediction. , 2010, 2010, 4020-3.		3
129	Neurogenic neuroprotection: Future perspectives. <i>Translational Neuroscience</i> , 2012, 3, .	1.4	3
130	Early resorption of an artificial bone graft made of calcium phosphate for cranioplasty: case report. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1801.	2.2	3
131	A Window on the Study of Aversive Instrumental Learning: Strains, Performance, Neuroendocrine, and Immunologic Systems. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 162.	2.0	3
132	Mystery Case: Brown-Séquard syndrome caused by idiopathic spinal cord herniation. <i>Neurology</i> , 2016, 87, e34-5.	1.1	3
133	Intra-operative Transdural Electric Stimulation in Awake Patient: Target Refining for Motor Cortex Stimulation. , 2013, 117, 73-78.		3
134	Long-term outcome of atlas-based lesion of posterior zona incerta in secondary hemidystonia. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 649-650.	2.2	2
135	Aesthetically optimal deep brain stimulation technique in patients with alopecia. <i>Neurocirurgia</i> , 2015, 26, 206-208.	0.4	2
136	Long-Term Outcome of Dentatotomy in a Dystonic Patient. <i>Brazilian Neurosurgery</i> , 2016, 35, 307-309.	0.1	2
137	Dramatic improvement of tardive dyskinesia movements by inline skating. <i>Neurology</i> , 2017, 89, 211-213.	1.1	2
138	Echogenicity of the substantia nigra region in Parkinson's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 153-154.	0.8	2
139	Management of trigeminal neuralgia in sclerosteosis. , 2013, 4, 455.		1
140	Reply: Bilateral globus pallidus internus deep brain stimulation after bilateral pallidotomy in a patient with generalized early-onset primary dystonia. <i>Movement Disorders</i> , 2013, 28, 1163-1164.	3.9	1
141	Neuronal excitability level transition induced by electrical stimulation. <i>European Physical Journal: Special Topics</i> , 2014, 223, 2913-2922.	2.6	1
142	Charge-Pump Circuit in 65nm CMOS for Neural Stimulation on Deep-Brain Stimulation. , 2021, , .		1
143	Unilateral Campotomy of Forel for Acquired Hemidystonia: An Open-Label Clinical Trial. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	1
144	The use of least squares lattice algorithm in the parameterization and sorting of action potentials signals. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0

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145	Letter to the Editor: Substantia nigra hyperechogenicity and Parkinson's disease surgery. Journal of Neurosurgery, 2014, 120, 1500-1502.	1.6	0
146	Freezing of Gait 3 Years After Bilateral Globus Pallidus Internus Deep Brain Stimulation in Generalized Dystonia. Movement Disorders Clinical Practice, 2014, 1, 263-264.	1.5	0
147	In Reply: Quality of Life After Motor Cortex Stimulation: Clinical Results and Systematic Review of the Literature. Neurosurgery, 2018, 83, E132-E132.	1.1	0
148	Distortion Correction Protocol for 3T Stereotactic Magnetic Resonance Imaging: A Clinical Study. World Neurosurgery, 2019, 122, e690-e699.	1.3	0
149	High-resolution resources and histological mesh tractography. , 2022, , 303-323.		0
150	Clinically nonfunctioning pituitary adenoma growth after radiosurgery. Arquivos De Neuro-Psiquiatria, 2012, 70, 643-644.	0.8	0
151	Motor Cortex Stimulation: Neural Circuits and Practical Approach on Electrode Implantation Technique. , 2022, , 305-317.		0