

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
h-index

197818

49
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154
all docs

154
docs citations

154
times ranked

3967
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | High-resolution resources and histological mesh tractography. , 2022, , 303-323. | | 0 |
| 2 | Motor Cortex Stimulation: Neural Circuits and Practical Approach on Electrode Implantation Technique. , 2022, , 305-317. | | 0 |
| 3 | Low-Noise Amplifier for Deep-Brain Stimulation (DBS). Electronics (Switzerland), 2022, 11, 939. | 3.1 | 5 |
| 4 | Unilateral Campotomy of Forel for Acquired Hemidystonia: An Open-Label Clinical Trial. Neurosurgery, 2022, Publish Ahead of Print, . | 1.1 | 1 |
| 5 | Longitudinal Changes After Amygdala Surgery for Intractable Aggressive Behavior: Clinical, Imaging Genetics, and Deformation-Based Morphometry Studyâ€™A Case Series. Neurosurgery, 2021, 88, E158-E169. | 1.1 | 15 |
| 6 | Spinal cord stimulation improves motor function and gait in spastic paraplegia type 4 (SPG4): Clinical and neurophysiological evaluation. Parkinsonism and Related Disorders, 2021, 83, 1-5. | 2.2 | 6 |
| 7 | 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 |
| 8 | Motor Cortex Stimulation Reversed Hypernociception, Increased Serotonin in Raphe Neurons, and Caused Inhibition of Spinal Astrocytes in a Parkinsonâ€™s Disease Rat Model. Cells, 2021, 10, 1158. | 4.1 | 5 |
| 9 | Bilateral Amygdala Radio-Frequency Ablation for Refractory Aggressive Behavior Alters Local Cortical Thickness to a Pattern Found in Non-refractory Patients. Frontiers in Human Neuroscience, 2021, 15, 653631. | 2.0 | 10 |
| 10 | 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 |
| 11 | Motor cortex stimulation for chronic neuropathic pain: results of a double-blind randomized study. Brain, 2021, 144, 2994-3004. | 7.6 | 31 |
| 12 | Case report: 5 Years follow-up on posterior hypothalamus deep brain stimulation for intractable aggressive behaviour associated with drug-resistant epilepsy. Brain Stimulation, 2021, 14, 1201-1204. | 1.6 | 5 |
| 13 | Charge-Pump Circuit in 65nm CMOS for Neural Stimulation on Deep-Brain Stimulation. , 2021, , . | | 1 |
| 14 | The Ansa Subthalamica: A Neglected Fiber Tract. Movement Disorders, 2020, 35, 75-80. | 3.9 | 20 |
| 15 | Beneficial nonmotor effects of subthalamic and pallidal neurostimulation in Parkinsonâ€™s disease. Brain Stimulation, 2020, 13, 1697-1705. | 1.6 | 36 |
| 16 | The ansa subthalamica as a substrate for DBS-induced manic symptoms. Brain Stimulation, 2020, 13, 1399-1401. | 1.6 | 4 |
| 17 | Refractoriness of aggressive behaviour to pharmacological treatment: cortical thickness analysis in autism spectrum disorder. BJPsych Open, 2020, 6, e85. | 0.7 | 9 |
| 18 | Increased Anxiety-Like Behavior in the Acute Phase of a Preclinical Model of Periodontal Disease. Frontiers in Neurology, 2020, 11, 598851. | 2.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Connectivity Patterns of Subthalamic Stimulation Influence Pain Outcomes in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 9. | 2.4 | 16 |
| 20 | Unraveling the Role of Astrocytes in Subthalamic Nucleus Deep Brain Stimulation in a Parkinson's Disease Rat Model. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 939-954. | 3.3 | 22 |
| 21 | 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 |
| 22 | 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 |
| 23 | Deep brain stimulation modulates hypothalamic-brainstem fibers in cluster headache: case report. <i>Journal of Neurosurgery</i> , 2020, 132, 717-720. | 1.6 | 6 |
| 24 | 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 |
| 25 | Hypertrophic Olivary Degeneration and Holmes' Tremor Secondary to Bleeding of Cavernous Malformation in the Midbrain. <i>Tremor and Other Hyperkinetic Movements</i> , 2020, 4, 264. | 2.0 | 10 |
| 26 | Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2019, 24, 218-240. | 7.9 | 73 |
| 27 | Spinal Cord Stimulation for Freezing of Gait: From Bench to Bedside. <i>Frontiers in Neurology</i> , 2019, 10, 905. | 2.4 | 32 |
| 28 | Non-motor outcomes depend on location of neurostimulation in Parkinson's disease. <i>Brain</i> , 2019, 142, 3592-3604. | 7.6 | 90 |
| 29 | Amygdala and Hypothalamus: Historical Overview With Focus on Aggression. <i>Neurosurgery</i> , 2019, 85, 11-30. | 1.1 | 59 |
| 30 | EuroInf 2: Subthalamic stimulation, apomorphine, and levodopa infusion in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 353-365. | 3.9 | 126 |
| 31 | Deep brain stimulation in Tourette's syndrome: evidence to date; <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1061-1075. | 2.2 | 32 |
| 32 | Monoaminergic regulation of nociceptive circuitry in a Parkinson's disease rat model. <i>Experimental Neurology</i> , 2019, 318, 12-21. | 4.1 | 17 |
| 33 | 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 |
| 34 | Evaluation of Postoperative Deficits following Motor Cortex Tumor Resection using Small Craniotomy. <i>The Surgery Journal</i> , 2019, 05, e8-e13. | 0.7 | 4 |
| 35 | Teaching NeuroImages: In vivo visualization of Edinger comb and Wilson pencils. <i>Neurology</i> , 2019, 92, e1663-e1664. | 1.1 | 16 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Distortion Correction Protocol for 3T Stereotactic Magnetic Resonance Imaging: A Clinical Study. <i>World Neurosurgery</i> , 2019, 122, e690-e699. | 1.3 | 0 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Effects of Subthalamic Stimulation on Olfactory Function in Parkinson Disease. <i>World Neurosurgery</i> , 2018, 114, e559-e564. | 1.3 | 15 |
| 42 | 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 |
| 43 | Peripheral Nerve Stimulation for Painful Mononeuropathy Secondary to Leprosy: A 12-Month Follow-Up Study. <i>Neuromodulation</i> , 2018, 21, 310-316. | 0.8 | 8 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | In Reply: Quality of Life After Motor Cortex Stimulation: Clinical Results and Systematic Review of the Literature. <i>Neurosurgery</i> , 2018, 83, E132-E132. | 1.1 | 0 |
| 49 | Restless legs syndrome in Wilson's disease: frequency, characteristics, and mimics. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 211-218. | 2.1 | 16 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Dramatic improvement of tardive dyskinesia movements by inline skating. <i>Neurology</i> , 2017, 89, 211-213. | 1.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |
| 56 | Effects of ozone on the pain and disability in patients with failed back surgery syndrome. <i>Revista Da Associação Médica Brasileira</i> , 2017, 63, 355-360. | 0.7 | 10 |
| 57 | Reconstruction of reaching movement trajectories using electrocorticographic signals in humans. <i>PLoS ONE</i> , 2017, 12, e0182542. | 2.5 | 17 |
| 58 | Subthalamic Nucleus Deep Brain Stimulation: Basic Concepts and Novel Perspectives. <i>ENeuro</i> , 2017, 4, ENEURO.0140-17.2017. | 1.9 | 106 |
| 59 | Optimizing microdialysis for deep brain stimulation. <i>Frontiers in Bioscience - Elite</i> , 2016, 8, 299-310. | 1.8 | 6 |
| 60 | DBS for Obesity. <i>Brain Sciences</i> , 2016, 6, 21. | 2.3 | 21 |
| 61 | 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 |
| 62 | 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 |
| 63 | Subthalamic deep brain stimulation modulates conscious perception of sensory function in Parkinson's disease. <i>Pain</i> , 2016, 157, 2758-2765. | 4.2 | 29 |
| 64 | Caudal Zona Incerta/VOP Radiofrequency Lesioning Guided by Combined Stereotactic MRI and Microelectrode Recording for Posttraumatic Midbrain Resting-Kinetic Tremor. <i>World Neurosurgery</i> , 2016, 86, 316-320. | 1.3 | 6 |
| 65 | 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 |
| 66 | Pedunculopontine DBS improves balance in progressive supranuclear palsy: Instrumental analysis. <i>Clinical Neurophysiology</i> , 2016, 127, 3470-3471. | 1.5 | 6 |
| 67 | 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 |
| 68 | Mystery Case: Brown-Séquard syndrome caused by idiopathic spinal cord herniation. <i>Neurology</i> , 2016, 87, e34-5. | 1.1 | 3 |
| 69 | Long-Term Outcome of Dentatotomy in a Dystonic Patient. <i>Brazilian Neurosurgery</i> , 2016, 35, 307-309. | 0.1 | 2 |
| 70 | 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 |
| 71 | 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 |
| 72 | Deep Brain Stimulation. <i>Neuroscientist</i> , 2016, 22, 332-345. | 3.5 | 53 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | Microendoscopy-guided percutaneous cordotomy for intractable pain: case series of 24 patients. <i>Journal of Neurosurgery</i> , 2016, 124, 389-396. | 1.6 | 10 |
| 75 | Spinal cord stimulation for Parkinson's disease: a systematic review. <i>Neurosurgical Review</i> , 2016, 39, 27-35. | 2.4 | 58 |
| 76 | 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 |
| 77 | Pain Relief in CRPS-II after Spinal Cord and Motor Cortex Simultaneous Dual Stimulation. <i>Pain Physician</i> , 2016, 19, E631-5. | 0.4 | 7 |
| 78 | 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 |
| 79 | Optical coherence tomography imaging of the basal ganglia: feasibility and brief review. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 1156-1159. | 1.5 | 6 |
| 80 | Intrathecal Morphine Therapy in the Management of Status Dystonicus in Neurodegeneration Brain Iron Accumulation Type 1. <i>Pediatric Neurosurgery</i> , 2015, 50, 94-98. | 0.7 | 6 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | Long-term improvement of tremor and ataxia after bilateral DBS of V <sc>P/zona incerta in FXTAS. <i>Neurology</i> , 2015, 84, 1904-1906. | 1.1 | 22 |
| 85 | 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 |
| 86 | Aesthetically optimal deep brain stimulation technique in patients with alopecia. <i>Neurocirurgia</i> , 2015, 26, 206-208. | 0.4 | 2 |
| 87 | 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 |
| 88 | Cerebral Microdialysis in Traumatic Brain Injury and Subarachnoid Hemorrhage: State of the Art. <i>Neurocritical Care</i> , 2014, 21, 152-62. | 2.4 | 31 |
| 89 | Neuronal excitability level transition induced by electrical stimulation. <i>European Physical Journal: Special Topics</i> , 2014, 223, 2913-2922. | 2.6 | 1 |
| 90 | Letter to the Editor: Substantia nigra hyperechogenicity and Parkinson's disease surgery. <i>Journal of Neurosurgery</i> , 2014, 120, 1500-1502. | 1.6 | 0 |

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| 91 | Laryngeal electromyography as a diagnostic tool for Parkinson's disease. <i>Laryngoscope</i> , 2014, 124, 725-729. | 2.0 | 18 |
| 92 | Freezing of Gait 3 Years After Bilateral Globus Pallidus Internus Deep Brain Stimulation in Generalized Dystonia. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 263-264. | 1.5 | 0 |
| 93 | Effects of deep brain stimulation on pain and other nonmotor symptoms in Parkinson disease. <i>Neurology</i> , 2014, 83, 1403-1409. | 1.1 | 111 |
| 94 | 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 |
| 95 | An Image Correction Protocol to Reduce Distortion for 3-T Stereotactic MRI. <i>Neurosurgery</i> , 2014, 74, 121-127. | 1.1 | 17 |
| 96 | Temporal alignment of electrocorticographic recordings for upper limb movement. <i>Frontiers in Neuroscience</i> , 2014, 8, 431. | 2.8 | 5 |
| 97 | Hypertrophic olivary degeneration and holmes' tremor secondary to bleeding of cavernous malformation in the midbrain. <i>Tremor and Other Hyperkinetic Movements</i> , 2014, 4, 264. | 2.0 | 10 |
| 98 | 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 |
| 99 | 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 |
| 100 | Spinal Cord Stimulation for the Treatment of Neuropathic Pain Related to Syringomyelia. <i>Pain Medicine</i> , 2013, 14, 767-768. | 1.9 | 7 |
| 101 | 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 |
| 102 | Management of trigeminal neuralgia in sclerosteosis. , 2013, 4, 455. | | 1 |
| 103 | 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 |
| 104 | Intraoperative dopamine release during globus pallidus internus stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 2027-2032. | 3.9 | 16 |
| 105 | Navigated transcranial magnetic stimulation in preoperative planning for the treatment of motor area cavernous angiomas. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1885. | 2.2 | 6 |
| 106 | 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 |
| 107 | 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 |
| 108 | Psychosurgery for schizophrenia: history and perspectives. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 509. | 2.2 | 9 |

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|-----|---|-----|-----------|
| 109 | 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 |
| 110 | Celiac plexus neurolysis for the treatment of upper abdominal cancer pain. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1209. | 2.2 | 5 |
| 111 | Intra-operative Transdural Electric Stimulation in Awake Patient: Target Refining for Motor Cortex Stimulation. , 2013, 117, 73-78. | | 3 |
| 112 | Microendoscopic stereotactic-guided percutaneous radiofrequency trigeminal nucleotomomy. <i>Journal of Neurosurgery</i> , 2012, 116, 331-335. | 1.6 | 8 |
| 113 | Bilateral subthalamic nucleus stimulation for generalized dystonia after bilateral pallidotomy. <i>Movement Disorders</i> , 2012, 27, 1559-1563. | 3.9 | 43 |
| 114 | Neurogenic neuroprotection: Future perspectives. <i>Translational Neuroscience</i> , 2012, 3, . | 1.4 | 3 |
| 115 | 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 |
| 116 | Cerebral hemodynamics: concepts of clinical importance. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 357-365. | 0.8 | 83 |
| 117 | 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 |
| 118 | Cortical mapping with navigated transcranial magnetic stimulation in low-grade glioma surgery. <i>Neuropsychiatric Disease and Treatment</i> , 2012, 8, 197. | 2.2 | 42 |
| 119 | Subthalamic deep brain stimulation modulates small fiber-dependent sensory thresholds in Parkinson's disease. <i>Pain</i> , 2012, 153, 1107-1113. | 4.2 | 62 |
| 120 | Echogenicity of the substantia nigra region in Parkinson's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 153-154. | 0.8 | 2 |
| 121 | Clinically nonfunctioning pituitary adenoma growth after radiosurgery. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 643-644. | 0.8 | 0 |
| 122 | Neurogenic neuroprotection: clinical perspectives. <i>Functional Neurology</i> , 2012, 27, 207-16. | 1.3 | 9 |
| 123 | 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 |
| 124 | Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. <i>Revista Da Associação Médica Brasileira (English Edition)</i> , 2011, 57, 282-287. | 0.1 | 16 |
| 125 | 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 |
| 126 | Use of intraoperative MRI for resection of gliomas. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 949-953. | 0.8 | 4 |

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|-----|--|-----|-----------|
| 127 | The use of least squares lattice algorithm in the parameterization and sorting of action potentials signals. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 128 | Psychometric validation of the Portuguese version of the Neuropathic Pain Symptoms Inventory. Health and Quality of Life Outcomes, 2011, 9, 107. | 2.4 | 41 |
| 129 | Transdural motor cortex stimulation reverses neuropathic pain in rats: A profile of neuronal activation. European Journal of Pain, 2011, 15, 268.e1-14. | 2.8 | 51 |
| 130 | Pain Relief and Functional Recovery in Patients with Complex Regional Pain Syndrome after Motor Cortex Stimulation. Stereotactic and Functional Neurosurgery, 2011, 89, 167-172. | 1.5 | 34 |
| 131 | Endoscopic Approaches to the Spinal Cord. Acta Neurochirurgica Supplementum, 2011, 108, 75-84. | 1.0 | 10 |
| 132 | Long Term Intrathecal Infusion of Opiates for Treatment of Failed Back Surgery Syndrome. Acta Neurochirurgica Supplementum, 2011, 108, 41-47. | 1.0 | 16 |
| 133 | Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. Revista Da Associa o M dica Brasileira, 2011, 57, 282-287. | 0.7 | 18 |
| 134 | Failed back surgery pain syndrome: therapeutic approach descriptive study in 56 patients. Revista Da Associa o M dica Brasileira, 2011, 57, 282-7. | 0.7 | 10 |
| 135 | Substantia nigra hyperechogenicity in Parkinson s disease. Acta Neurochirurgica, 2010, 152, 2085-2087. | 1.7 | 21 |
| 136 | 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 |
| 137 | Wavelet transform and cross-correlation as tools for seizure prediction. , 2010, 2010, 4020-3. | | 3 |
| 138 | Endoscopic-guided percutaneous radiofrequency cordotomy. Journal of Neurosurgery, 2010, 113, 524-527. | 1.6 | 15 |
| 139 | Repetitive Transcranial Magnetic Stimulation Is Efficacious as an Add-On to Pharmacological Therapy in Complex Regional Pain Syndrome (CRPS) Type I. Journal of Pain, 2010, 11, 1203-1210. | 1.4 | 126 |
| 140 | Paracoccidioidomycosis: intralesional therapy. Arquivos De Neuro-Psiquiatria, 2010, 68, 458-459. | 0.8 | 4 |
| 141 | Treatment of colloid cysts of the third ventricle through neuroendoscopic Nd: YAG laser stereotaxis. Arquivos De Neuro-Psiquiatria, 2009, 67, 1082-1087. | 0.8 | 12 |
| 142 | Stereotactic biopsies of brain lesions. Arquivos De Neuro-Psiquiatria, 2009, 67, 74-77. | 0.8 | 14 |
| 143 | Neurovascular compression in painful tic convulsif. Acta Neurochirurgica, 2009, 151, 989-993. | 1.7 | 10 |
| 144 | Antinociception induced by epidural motor cortex stimulation in naive conscious rats is mediated by the opioid system. Behavioural Brain Research, 2009, 196, 63-70. | 2.2 | 70 |

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|-----|--|-----|-----------|
| 145 | Functional mapping of the motor cortex of the rat using transdural electrical stimulation. Behavioural Brain Research, 2009, 202, 138-141. | 2.2 | 62 |
| 146 | Stereotactic disconnection of hypothalamic hamartoma to control seizure and behavior disturbance: case report and literature review. Neurosurgical Review, 2008, 31, 343-9. | 2.4 | 24 |
| 147 | Cortical stimulation of language fields under local anesthesia: optimizing removal of brain lesions adjacent to speech areas. Arquivos De Neuro-Psiquiatria, 2008, 66, 534-538. | 0.8 | 20 |
| 148 | Dorsal Root Entry Zone Lesions for Treatment of Pain-Related to Radiation-Induced Plexopathy. Spine, 2007, 32, E316-E319. | 2.0 | 25 |
| 149 | Myelopathic Presentation of Cervical Juxtafacet Cyst: A Case Report. Spine, 2004, 29, E538-E541. | 2.0 | 20 |
| 150 | Tumoral form of aspergillosis in central nervous system (cerebral aspergilloma): case report. Sao Paulo Medical Journal, 2003, 121, 251-253. | 0.9 | 13 |
| 151 | Efeito da técnica de sobrearticularização na voz e na fala em indivíduos com doença de Parkinson após cirurgia de estimulação cerebral profunda. Audiology: Communication Research, 0, 24, . | 0.1 | 4 |