

Daniel Jeanmonod

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

4,363
citations

201674

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315739

38
g-index

44
all docs

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docs citations

44
times ranked

4423
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bilateral MR-Guided Focused Ultrasound Pallidothalamic Tractotomy for Parkinson's Disease With 1-Year Follow-Up. <i>Frontiers in Neurology</i> , 2021, 12, 601153. | 2.4 | 28 |
| 2 | MR-guided focused ultrasound cerebellothalamic tractotomy for chronic therapy-resistant essential tremor: anatomical target reappraisal and clinical results. <i>Journal of Neurosurgery</i> , 2021, 134, 376-385. | 1.6 | 16 |
| 3 | MR-Guided Focused Ultrasound Central Lateral Thalamotomy for Trigeminal Neuralgia. Single Center Experience. <i>Frontiers in Neurology</i> , 2020, 11, 271. | 2.4 | 19 |
| 4 | Safety and accuracy of incisionless transcranial MR-guided focused ultrasound functional neurosurgery: single-center experience with 253 targets in 180 treatments. <i>Journal of Neurosurgery</i> , 2019, 130, 1234-1243. | 1.6 | 46 |
| 5 | Radiological and Thermal Dose Correlations in Pallidothalamic Tractotomy With MRgFUS. <i>Frontiers in Surgery</i> , 2019, 6, 28. | 1.4 | 8 |
| 6 | Anatomical and Technical Reappraisal of the Pallidothalamic Tractotomy With the Incisionless Transcranial MR-Guided Focused Ultrasound. A Technical Note. <i>Frontiers in Surgery</i> , 2019, 6, 2. | 1.4 | 13 |
| 7 | MRgFUS Pallidothalamic Tractotomy for Chronic Therapy-Resistant Parkinson's Disease in 51 Consecutive Patients: Single Center Experience. <i>Frontiers in Surgery</i> , 2019, 6, 76. | 1.4 | 38 |
| 8 | Letter to the Editor. Magnetic resonanceâ€“guided focused ultrasound and essential tremor. <i>Neurosurgical Focus</i> , 2018, 45, E14. | 2.3 | 0 |
| 9 | Incisionless transcranial MR-guided focused ultrasound in essential tremor: cerebellothalamic tractotomy. <i>Journal of Therapeutic Ultrasound</i> , 2016, 4, 5. | 2.2 | 97 |
| 10 | Effects of Cerebellothalamic Tractotomy on Cognitive and Emotional Functioning in Essential Tremor: A Preliminary Study in 5 Essential Tremor Patients. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 127-132. | 1.5 | 6 |
| 11 | First experience with MR-guided focused ultrasound in the treatment of Parkinson's disease. <i>Journal of Therapeutic Ultrasound</i> , 2014, 2, 11. | 2.2 | 201 |
| 12 | MR-guided focused ultrasound technique in functional neurosurgery: targeting accuracy. <i>Journal of Therapeutic Ultrasound</i> , 2013, 1, 3. | 2.2 | 45 |
| 13 | Cognitive Functioning, Emotional Processing, Mood, and Personality Variables Before and After Stereotactic Surgery. <i>Neurosurgery</i> , 2013, 73, 121-128. | 1.1 | 7 |
| 14 | Transcranial magnetic resonance imagingâ€“guided focused ultrasound: noninvasive central lateral thalamotomy for chronic neuropathic pain. <i>Neurosurgical Focus</i> , 2012, 32, E1. | 2.3 | 299 |
| 15 | Measurement of targeting accuracy in focused ultrasound functional neurosurgery. <i>Neurosurgical Focus</i> , 2012, 32, E2. | 2.3 | 35 |
| 16 | Pain Ratings, Psychological Functioning and Quantitative EEG in a Controlled Study of Chronic Back Pain Patients. <i>PLoS ONE</i> , 2012, 7, e31138. | 2.5 | 58 |
| 17 | A computational model of thalamocortical dysrhythmia. <i>European Journal of Neuroscience</i> , 2011, 33, 1281-1290. | 2.6 | 26 |
| 18 | Correlations between EEG and clinical outcome in chronic neuropathic pain: surgical effects and treatment resistance. <i>Brain Imaging and Behavior</i> , 2011, 5, 329-348. | 2.1 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Consciousness: A Riddle and a Key in Neuroscience and Spirituality. <i>Studies in Neuroscience, Consciousness and Spirituality</i> , 2011, , 75-79. | 0.2 | 0 |
| 20 | Temporo-insular enhancement of EEG low and high frequencies in patients with chronic tinnitus. QEEG study of chronic tinnitus patients. <i>BMC Neuroscience</i> , 2010, 11, 40. | 1.9 | 126 |
| 21 | Simultaneous EEG-fMRI during a Working Memory Task: Modulations in Low and High Frequency Bands. <i>PLoS ONE</i> , 2010, 5, e10298. | 2.5 | 175 |
| 22 | Transcranial MR-guided High Intensity Focused Ultrasound for Non-Invasive Functional Neurosurgery. , 2010, , . | | 1 |
| 23 | A mean three-dimensional atlas of the human thalamus: Generation from multiple histological data. <i>NeuroImage</i> , 2010, 49, 2053-2062. | 4.2 | 317 |
| 24 | Functional Neurosurgery in the Human Thalamus by Transcranial Magnetic Resonance Guided Focused Ultrasound. , 2009, , . | | 0 |
| 25 | High-intensity focused ultrasound for noninvasive functional neurosurgery. <i>Annals of Neurology</i> , 2009, 66, 858-861. | 5.3 | 395 |
| 26 | Strain fields in histological slices of brain tissue determined by synchrotron radiation-based micro computed tomography. <i>Journal of Neuroscience Methods</i> , 2008, 170, 149-155. | 2.5 | 28 |
| 27 | Human pallidothalamic and cerebellothalamic tracts: anatomical basis for functional stereotactic neurosurgery. <i>Brain Structure and Function</i> , 2008, 212, 443-463. | 2.3 | 205 |
| 28 | High thalamocortical theta coherence in patients with neurogenic pain. <i>NeuroImage</i> , 2008, 39, 1910-1917. | 4.2 | 151 |
| 29 | EEG alpha distinguishes between cuneal and precuneal activation in working memory. <i>NeuroImage</i> , 2008, 40, 1296-1310. | 4.2 | 107 |
| 30 | Enhanced frontal low and high frequency power and synchronization in the resting EEG of parkinsonian patients. <i>NeuroImage</i> , 2008, 41, 985-997. | 4.2 | 101 |
| 31 | High Thalamocortical Theta Coherence in Patients with Parkinson's Disease. <i>Journal of Neuroscience</i> , 2007, 27, 124-131. | 3.6 | 112 |
| 32 | Persistent EEG overactivation in the cortical pain matrix of neurogenic pain patients. <i>NeuroImage</i> , 2006, 31, 721-731. | 4.2 | 260 |
| 33 | Increased EEG power and slowed dominant frequency in patients with neurogenic pain. <i>Brain</i> , 2006, 129, 55-64. | 7.6 | 366 |
| 34 | Divergence and convergence of thalamocortical projections to premotor and supplementary motor cortex: a multiple tracing study in the macaque monkey. <i>European Journal of Neuroscience</i> , 2005, 21, 1007-1029. | 2.6 | 77 |
| 35 | A revival of Spiegel's campotomy: long term results of the stereotactic pallidothalamic tractotomy against the parkinsonian thalamocortical dysrhythmia. <i>Thalamus & Related Systems</i> , 2005, 3, 121. | 0.5 | 26 |
| 36 | Neurochemical organization of the human basal ganglia: Anatomofunctional territories defined by the distributions of calcium-binding proteins and SMI-32. <i>Journal of Comparative Neurology</i> , 2002, 443, 86-103. | 1.6 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Efferent Connections of the Human Striatum and Pallidum: A Nauta Degeneration Study. , 2001, , 61-65. | | 2 |
| 38 | Microanatomic and Vascular Aspects of the Temporomesial Region. Neurosurgery, 1998, 43, 1118-1136. | 1.1 | 39 |
| 39 | A new stereotaxic multiarchitectonic atlas of the human thalamus in a 3D MRI navigation system. Informatik Aktuell, 1998, , 289-293. | 0.6 | 0 |
| 40 | Multiarchitectonic and stereotactic atlas of the human thalamus. Journal of Comparative Neurology, 1997, 387, 588-630. | 1.6 | 546 |
| 41 | Thalamus and neurogenic pain. NeuroReport, 1993, 4, 475-478. | 1.2 | 153 |
| 42 | Somatosensory function following dorsal root entry zone lesions in patients with neurogenic pain or spasticity. Journal of Neurosurgery, 1991, 74, 916-932. | 1.6 | 47 |
| 43 | Microsurgical DREZ-otomy for the Treatment of Spasticity and Pain in the Lower Limbs. Neurosurgery, 1989, 24, 655-670. | 1.1 | 91 |