

Daniel Jeanmonod

List of Publications by Year in descending order

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43
papers

4,363
citations

218381

26
h-index

329751

37
g-index

44
all docs

44
docs citations

44
times ranked

4423
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiarchitectonic and stereotactic atlas of the human thalamus. , 1997, 387, 588-630.		546
2	High-intensity focused ultrasound for noninvasive functional neurosurgery. <i>Annals of Neurology</i> , 2009, 66, 858-861.	2.8	395
3	Increased EEG power and slowed dominant frequency in patients with neurogenic pain. <i>Brain</i> , 2006, 129, 55-64.	3.7	366
4	A mean three-dimensional atlas of the human thalamus: Generation from multiple histological data. <i>NeuroImage</i> , 2010, 49, 2053-2062.	2.1	317
5	Transcranial magnetic resonance imaging-guided focused ultrasound: noninvasive central lateral thalamotomy for chronic neuropathic pain. <i>Neurosurgical Focus</i> , 2012, 32, E1.	1.0	299
6	Persistent EEG overactivation in the cortical pain matrix of neurogenic pain patients. <i>NeuroImage</i> , 2006, 31, 721-731.	2.1	260
7	Human pallidothalamic and cerebellothalamic tracts: anatomical basis for functional stereotactic neurosurgery. <i>Brain Structure and Function</i> , 2008, 212, 443-463.	1.2	205
8	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
9	Simultaneous EEG-fMRI during a Working Memory Task: Modulations in Low and High Frequency Bands. <i>PLoS ONE</i> , 2010, 5, e10298.	1.1	175
10	Thalamus and neurogenic pain. <i>NeuroReport</i> , 1993, 4, 475-478.	0.6	153
11	High thalamocortical theta coherence in patients with neurogenic pain. <i>NeuroImage</i> , 2008, 39, 1910-1917.	2.1	151
12	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.	0.8	126
13	High Thalamocortical Theta Coherence in Patients with Parkinson's Disease. <i>Journal of Neuroscience</i> , 2007, 27, 124-131.	1.7	112
14	EEG alpha distinguishes between cuneal and precuneal activation in working memory. <i>NeuroImage</i> , 2008, 40, 1296-1310.	2.1	107
15	Enhanced frontal low and high frequency power and synchronization in the resting EEG of parkinsonian patients. <i>NeuroImage</i> , 2008, 41, 985-997.	2.1	101
16	Incisionless transcranial MR-guided focused ultrasound in essential tremor: cerebellothalamic tractotomy. <i>Journal of Therapeutic Ultrasound</i> , 2016, 4, 5.	2.2	97
17	Microsurgical DREZ-otomy for the Treatment of Spasticity and Pain in the Lower Limbs. <i>Neurosurgery</i> , 1989, 24, 655-670.	0.6	91
18	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.	1.2	77

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19	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.	0.9	69
20	Pain Ratings, Psychological Functioning and Quantitative EEG in a Controlled Study of Chronic Back Pain Patients. <i>PLoS ONE</i> , 2012, 7, e31138.	1.1	58
21	Somatosensory function following dorsal root entry zone lesions in patients with neurogenic pain or spasticity. <i>Journal of Neurosurgery</i> , 1991, 74, 916-932.	0.9	47
22	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.	0.9	46
23	MR-guided focused ultrasound technique in functional neurosurgery: targeting accuracy. <i>Journal of Therapeutic Ultrasound</i> , 2013, 1, 3.	2.2	45
24	Microanatomic and Vascular Aspects of the Temporomesial Region. <i>Neurosurgery</i> , 1998, 43, 1118-1136.	0.6	39
25	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.	0.6	38
26	Measurement of targeting accuracy in focused ultrasound functional neurosurgery. <i>Neurosurgical Focus</i> , 2012, 32, E2.	1.0	35
27	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.	1.3	28
28	Bilateral MR-Guided Focused Ultrasound Pallidothalamic Tractotomy for Parkinson's Disease With 1-Year Follow-Up. <i>Frontiers in Neurology</i> , 2021, 12, 601153.	1.1	28
29	A revival of Spiegel's camptomy: long term results of the stereotactic pallidothalamic tractotomy against the parkinsonian thalamocortical dysrhythmia. <i>Thalamus & Related Systems</i> , 2005, 3, 121.	0.5	26
30	A computational model of thalamocortical dysrhythmia. <i>European Journal of Neuroscience</i> , 2011, 33, 1281-1290.	1.2	26
31	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.	1.1	24
32	MR-Guided Focused Ultrasound Central Lateral Thalamotomy for Trigeminal Neuralgia. Single Center Experience. <i>Frontiers in Neurology</i> , 2020, 11, 271.	1.1	19
33	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.	0.9	16
34	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.	0.6	13
35	Radiological and Thermal Dose Correlations in Pallidothalamic Tractotomy With MRgFUS. <i>Frontiers in Surgery</i> , 2019, 6, 28.	0.6	8
36	Cognitive Functioning, Emotional Processing, Mood, and Personality Variables Before and After Stereotactic Surgery. <i>Neurosurgery</i> , 2013, 73, 121-128.	0.6	7

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37	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.	0.8	6
38	Efferent Connections of the Human Striatum and Pallidum: A Nauta Degeneration Study. , 2001, , 61-65.		2
39	Transcranial MR-guided High Intensity Focused Ultrasound for Non-Invasive Functional Neurosurgery. , 2010, , .		1
40	Functional Neurosurgery in the Human Thalamus by Transcranial Magnetic Resonance Guided Focused Ultrasound. , 2009, , .		0
41	Letter to the Editor. Magnetic resonanceâ€“guided focused ultrasound and essential tremor. <i>Neurosurgical Focus</i> , 2018, 45, E14.	1.0	0
42	Consciousness: A Riddle and a Key in Neuroscience and Spirituality. <i>Studies in Neuroscience, Consciousness and Spirituality</i> , 2011, , 75-79.	0.2	0
43	A new stereotaxic multiarchitectonic atlas of the human thalamus in a 3D MRI navigation system. <i>Informatik Aktuell</i> , 1998, , 289-293.	0.4	0