

Patrick Mertens

List of Publications by Year in descending order

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33
papers

3,368
citations

279487

23
h-index

395343

33
g-index

33
all docs

33
docs citations

33
times ranked

2883
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of clinical outcomes and accuracy of electrode placement between robot-assisted and conventional deep brain stimulation of the subthalamic nucleus: a single-center study. <i>Acta Neurochirurgica</i> , 2021, 163, 1327-1333.	0.9	5
2	Anatomy of the human spinal cord arachnoid cisterns: applications for spinal cord surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 756-763.	0.9	6
3	Subthalamic stimulation and neuropsychiatric symptoms in Parkinson's disease: results from a long-term follow-up cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 836-843.	0.9	52
4	Behavioural outcomes of subthalamic stimulation and medical therapy versus medical therapy alone for Parkinson's disease with early motor complications (EARLYSTIM trial): secondary analysis of an open-label randomised trial. <i>Lancet Neurology</i> , The, 2018, 17, 223-231.	4.9	105
5	Toe dystonia in Parkinson's disease: Impact of subthalamic nucleus deep brain stimulation. <i>Journal of the Neurological Sciences</i> , 2018, 392, 65-68.	0.3	1
6	Intraoperative Monitoring of Diaphragm Neural Pathways During Cervical Surgery by Electrical Stimulation and Recordings of Ventilator Waveforms: Physiological Bases and Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 30-36.	0.6	5
7	Personality, dopamine, and Parkinson's disease: Insights from subthalamic stimulation. <i>Movement Disorders</i> , 2017, 32, 1191-1200.	2.2	28
8	Postoperative apathy can neutralise benefits in quality of life after subthalamic stimulation for Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 311-318.	0.9	49
9	Motor cortex stimulation does not improve dystonia secondary to a focal basal ganglia lesion. <i>Neurology</i> , 2014, 82, 156-162.	1.5	4
10	Deep-brain stimulation for dystonia: current indications and future orientations. <i>Future Neurology</i> , 2014, 9, 77-87.	0.9	1
11	Psychostimulant effect of levodopa: reversing sensitisation is possible. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 18-22.	0.9	36
12	Brain opioid receptor density predicts motor cortex stimulation efficacy for chronic pain. <i>Pain</i> , 2013, 154, 2563-2568.	2.0	82
13	Parkinsonian apathy responds to dopaminergic stimulation of D2/D3 receptors with pramipexole. <i>Brain</i> , 2013, 136, 1568-1577.	3.7	215
14	Improved Dexterity after Chronic Electrical Stimulation of the Motor Cortex for Central Pain: A Special Relevance for Thalamic Syndrome. <i>Stereotactic and Functional Neurosurgery</i> , 2012, 90, 370-378.	0.8	3
15	Subthalamic stimulation in Parkinson's disease: restoring the balance of motivated behaviours. <i>Brain</i> , 2012, 135, 1463-1477.	3.7	275
16	Dorsal root entry zone lesioning for pain after brachial plexus avulsion: Results with special emphasis on differential effects on the paroxysmal versus the continuous components. A prospective study in a 29-patient consecutive series. <i>Pain</i> , 2011, 152, 1923-1930.	2.0	52
17	Do the effects measured by intraoperative and postoperative STN macrostimulation in Parkinson's disease match?. <i>Journal of Neurology</i> , 2010, 257, 1453-1456.	1.8	6
18	Safety and efficacy of deep brain stimulation in refractory cluster headache: a randomized placebo-controlled double-blind trial followed by a 1-year open extension. <i>Journal of Headache and Pain</i> , 2010, 11, 23-31.	2.5	206

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19	Anatomical location of effective deep brain stimulation electrodes in chronic cluster headache. <i>Brain</i> , 2010, 133, 1214-1223.	3.7	110
20	Non-motor dopamine withdrawal syndrome after surgery for Parkinson's disease: predictors and underlying mesolimbic denervation. <i>Brain</i> , 2010, 133, 1111-1127.	3.7	453
21	Bilateral pallidal deep brain stimulation for the treatment of patients with dystonia-choreoathetosis cerebral palsy: a prospective pilot study. <i>Lancet Neurology</i> , The, 2009, 8, 709-717.	4.9	313
22	Bilateral subthalamic nucleus stimulation in advanced Parkinson's disease: Five year follow-up. <i>Journal of Neurology</i> , 2009, 256, 225-233.	1.8	155
23	Differential brain opioid receptor availability in central and peripheral neuropathic pain. <i>Pain</i> , 2007, 127, 183-194.	2.0	143
24	Motor cortex stimulation in neuropathic pain. Correlations between analgesic effect and hemodynamic changes in the brain. A PET study. <i>NeuroImage</i> , 2007, 34, 310-321.	2.1	254
25	Bilateral subthalamic nucleus stimulation in advanced Parkinson's disease. <i>Journal of Neurology</i> , 2007, 254, 99-106.	1.8	35
26	Transcranial magnetic stimulation for pain control. Double-blind study of different frequencies against placebo, and correlation with motor cortex stimulation efficacy. <i>Clinical Neurophysiology</i> , 2006, 117, 1536-1544.	0.7	216
27	On the relation between sensory deafferentation, pain and thalamic activity in Wallenberg's syndrome: A PET-scan study before and after motor cortex stimulation. <i>European Journal of Pain</i> , 2006, 10, 677-677.	1.4	41
28	Microsurgical lesioning in the dorsal root entry zone for pain due to brachial plexus avulsion: a prospective series of 55 patients. <i>Journal of Neurosurgery</i> , 2005, 102, 1018-1028.	0.9	139
29	Motor cortex stimulation for refractory neuropathic pain: Four year outcome and predictors of efficacy. <i>Pain</i> , 2005, 118, 43-52.	2.0	210
30	Predictive Value of Somatosensory Evoked Potentials for Long-lasting Pain Relief after Spinal Cord Stimulation: Practical Use for Patient Selection. <i>Neurosurgery</i> , 2003, 52, 1374-1384.	0.6	88
31	Single-Unit Analysis of the Spinal Dorsal Horn in Patients With Neuropathic Pain. <i>Journal of Clinical Neurophysiology</i> , 2003, 20, 143-150.	0.9	51
32	Microdialysis study of amino acid neurotransmitters in the spinal dorsal horn of patients undergoing microsurgical dorsal root entry zone lesioning. <i>Journal of Neurosurgery: Spine</i> , 2001, 94, 165-173.	0.9	10
33	A new type of microelectrode for obtaining unitary recordings in the human spinal cord. <i>Journal of Neurosurgery: Spine</i> , 1999, 91, 25-32.	0.9	19