

# Pepijn van den Munckhof

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

3,743  
citations

257450

24  
h-index

138484

58  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness and safety of deep brain stimulation for patients with refractory obsessive compulsive disorder and comorbid autism spectrum disorder; A case series. <i>Journal of Affective Disorders</i> , 2022, 299, 492-497.	4.1	9
2	Long-term Outcome of Deep Brain Stimulation of the Ventral Part of the Anterior Limb of the Internal Capsule in a Cohort of 50 Patients With Treatment-Refractory Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021, 90, 714-720.	1.3	36
3	Optimizing Deep Brain Stimulation Parameters in Obsessive-Compulsive Disorder. <i>Neuromodulation</i> , 2021, 24, 307-315.	0.8	30
4	The Medial Subthalamic Nucleus Border as a New Anatomical Reference in Stereotactic Neurosurgery for Parkinson's Disease. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 187-195.	1.5	2
5	Structural and functional correlates of subthalamic deep brain stimulation-induced apathy in Parkinson's disease. <i>Brain Stimulation</i> , 2021, 14, 192-201.	1.6	13
6	Deep brain stimulation response in obsessive-compulsive disorder is associated with preoperative nucleus accumbens volume. <i>NeuroImage: Clinical</i> , 2021, 30, 102640.	2.7	6
7	Targeting of the Subthalamic Nucleus in Patients with Parkinson's Disease Undergoing Deep Brain Stimulation Surgery. <i>Neurology and Therapy</i> , 2021, 10, 61-73.	3.2	13
8	Traumatic Brain Injury Recovery Trajectories in Patients With Disorders of Consciousness. <i>JAMA Neurology</i> , 2021, 78, 1412.	9.0	0
9	Predicting Response to vALIC Deep Brain Stimulation for Refractory Obsessive-Compulsive Disorder. <i>Journal of Clinical Psychiatry</i> , 2021, 82, .	2.2	11
10	Efficacy of Deep Brain Stimulation of the Ventral Anterior Limb of the Internal Capsule for Refractory Obsessive-Compulsive Disorder: A Clinical Cohort of 70 Patients. <i>American Journal of Psychiatry</i> , 2020, 177, 265-271.	7.2	105
11	Long-term deep brain stimulation of the ventral anterior limb of the internal capsule for treatment-resistant depression. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 189-195.	1.9	41
12	Distance to white matter trajectories is associated with treatment response to internal capsule deep brain stimulation in treatment-refractory depression. <i>NeuroImage: Clinical</i> , 2020, 28, 102363.	2.7	13
13	The cerebral tremor circuit in a patient with Holmes tremor. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1453-1458.	3.7	8
14	Directional sensory thalamus deep brain stimulation in poststroke refractory pain. <i>BMJ Case Reports</i> , 2020, 13, e233254.	0.5	3
15	Implementation of Intraoperative Cone-Beam Computed Tomography (O-arm) for Stereotactic Imaging During Deep Brain Stimulation Procedures. <i>Operative Neurosurgery</i> , 2020, 19, E224-E229.	0.8	12
16	The Dilemma of Hydrocephalus in Prolonged Disorders of Consciousness. <i>Journal of Neurotrauma</i> , 2020, 37, 2150-2156.	3.4	10
17	Relative Contribution of Magnetic Resonance Imaging, Microelectrode Recordings, and Awake Test Stimulation in Final Lead Placement during Deep Brain Stimulation Surgery of the Subthalamic Nucleus in Parkinson's Disease. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 118-128.	1.5	17
18	On the pathophysiology and treatment of akinetic mutism. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 270-278.	6.1	37

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19	Outcome After Decompressive Craniectomy for Middle Cerebral Artery Infarction: Timing of the Intervention. <i>Neurosurgery</i> , 2020, 86, E318-E325.	1.1	23
20	Complications in cranioplasty after decompressive craniectomy: timing of the intervention. <i>Journal of Neurology</i> , 2020, 267, 1312-1320.	3.6	36
21	Deep brain stimulation modulates directional limbic connectivity in obsessive-compulsive disorder. <i>Brain</i> , 2020, 143, 1603-1612.	7.6	35
22	Awakening after a sleeping pill: Restoring functional brain networks after severe brain injury. <i>Cortex</i> , 2020, 132, 135-146.	2.4	14
23	Distance to white matter tracts is associated with deep brain stimulation motor outcome in Parkinson's disease. <i>Journal of Neurosurgery</i> , 2020, 133, 433-442.	1.6	14
24	Kinesthetic Cells within the Subthalamic Nucleus and Deep Brain Stimulation for Parkinson Disease. <i>World Neurosurgery</i> , 2020, 139, e784-e791.	1.3	2
25	Defining the Dorsal STN Border Using 7.0-T MRI: A Comparison to Microelectrode Recordings and Lower Field Strength MRI. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 153-159.	1.5	17
26	Letter to the Editor Regarding "Decompressive Craniotomy for Malignant Middle Cerebral Artery Infarction: Optimal Timing and Literature Review". <i>World Neurosurgery</i> , 2019, 126, 685.	1.3	0
27	Electrode Location in a Microelectrode Recording-Based Model of the Subthalamic Nucleus Can Predict Motor Improvement After Deep Brain Stimulation for Parkinson's Disease. <i>Brain Sciences</i> , 2019, 9, 51.	2.3	9
28	Resolution of apathy after dorsal instead of ventral subthalamic deep brain stimulation for Parkinson's disease. <i>Journal of Neurology</i> , 2019, 266, 1267-1269.	3.6	9
29	Do older patients with acute or subacute subdural hematoma benefit from surgery?. <i>British Journal of Neurosurgery</i> , 2019, 33, 51-57.	0.8	15
30	Directional Deep Brain Stimulation: First experiences in centers across the globe. <i>Brain Stimulation</i> , 2018, 11, 949-950.	1.6	35
31	Deep brain stimulation for Parkinson's disease: defining the optimal location within the subthalamic nucleus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 493-498.	1.9	65
32	Borders of STN determined by MRI versus the electrophysiological STN. A comparison using intraoperative CT. <i>Acta Neurochirurgica</i> , 2018, 160, 373-383.	1.7	20
33	Deep Brain Stimulation for Essential Tremor: Aligning Thalamic and Posterior Subthalamic Targets in 1 Surgical Trajectory. <i>Operative Neurosurgery</i> , 2018, 15, 144-152.	0.8	29
34	Substituting the Target After Unsatisfactory Outcome of Deep Brain Stimulation in Advanced Parkinson's Disease: Cases From the NSTAPS Trial and Systematic Review of the Literature. <i>Neuromodulation</i> , 2018, 21, 527-531.	0.8	2
35	Decompressive craniectomy in aneurysmal subarachnoid haemorrhage for hematoma or oedema versus secondary infarction. <i>British Journal of Neurosurgery</i> , 2018, 32, 149-156.	0.8	13
36	In Reply to the Letter to the Editor Regarding "Neurologic Outcome After Decompressive Craniectomy: Predictors of Outcome in Different Pathologic Conditions". <i>World Neurosurgery</i> , 2018, 109, 504.	1.3	0

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37	Skin Augmentation as a Last-Resort Operative Technique During Decompressive Craniectomy. <i>World Neurosurgery</i> , 2018, 119, e417-e428.	1.3	4
38	Electrode Penetration of the Caudate Nucleus in Deep Brain Stimulation Surgery for Parkinson's Disease. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 223-230.	1.5	5
39	Striatal dopamine regulates systemic glucose metabolism in humans and mice. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	79
40	Accuracy of Microelectrode Trajectory Adjustments during DBS Assessed by Intraoperative CT. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 231-238.	1.5	8
41	Cost-effectiveness of deep brain stimulation versus treatment as usual for obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2017, 10, 836-842.	1.6	31
42	Body Weight Changes after Deep Brain Stimulation for Obsessive-Compulsive Disorder or Depression. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 348-351.	1.5	4
43	Accuracy of Intraoperative Computed Tomography during Deep Brain Stimulation Procedures: Comparison with Postoperative Magnetic Resonance Imaging. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 183-188.	1.5	481
44	Neurologic Outcome After Decompressive Craniectomy: Predictors of Outcome in Different Pathologic Conditions. <i>World Neurosurgery</i> , 2017, 105, 765-774.	1.3	21
45	Psychiatric and social outcome after deep brain stimulation for advanced Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 409-413.	3.9	20
46	Deep Brain Stimulation of the Ventral Anterior Limb of the Internal Capsule for Treatment-Resistant Depression. <i>JAMA Psychiatry</i> , 2016, 73, 456.	11.0	246
47	Cognitive and psychiatric outcome 3 years after globus pallidus pars interna or subthalamic nucleus deep brain stimulation for Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 33, 90-95.	2.2	36
48	Idiopathic delayed-onset edema surrounding deep brain stimulation leads: Insights from a case series and systematic literature review. <i>Parkinsonism and Related Disorders</i> , 2016, 32, 108-115.	2.2	22
49	Comparative study of microelectrode recording-based STN location and MRI-based STN location in low to ultra-high field (7.0 T) T2-weighted MRI images. <i>Journal of Neural Engineering</i> , 2016, 13, 066009.	3.5	21
50	GPI vs STN deep brain stimulation for Parkinson disease. <i>Neurology</i> , 2016, 86, 755-761.	1.1	188
51	Cognitive effects of deep brain stimulation in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 378-386.	2.4	26
52	Directed Communication between Nucleus Accumbens and Neocortex in Humans Is Differentially Supported by Synchronization in the Theta and Alpha Band. <i>PLoS ONE</i> , 2015, 10, e0138685.	2.5	24
53	Advanced target identification in STN-DBS with beta power of combined local field potentials and spiking activity. <i>Journal of Neuroscience Methods</i> , 2015, 253, 116-125.	2.5	14
54	Response to Mavridis' area as a target for either selective or combined accumbens/ventral internal capsule deep brain stimulation. <i>Acta Neurochirurgica</i> , 2015, 157, 345-345.	1.7	0

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55	Thalamic deep brain stimulation for orthostatic tremor: Clinical and neurophysiological correlates. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1005-1007.	2.2	22
56	Deep brain stimulation for obsessive-compulsive disorders: long-term analysis of quality of life. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 153-158.	1.9	67
57	Deep Brain Stimulation Induces Striatal Dopamine Release in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 647-652.	1.3	92
58	Rebound of Affective Symptoms Following Acute Cessation of Deep Brain Stimulation in Obsessive-compulsive Disorder. <i>Brain Stimulation</i> , 2014, 7, 727-731.	1.6	30
59	Directional steering. <i>Neurology</i> , 2014, 83, 1163-1169.	1.1	213
60	Nurses Assessing Pain with the Nociception Coma Scale: Interrater Reliability and Validity. <i>Pain Management Nursing</i> , 2014, 15, 881-887.	0.9	17
61	Structural changes in cerebellar outflow tracts after thalamotomy in essential tremor. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 554-557.	2.2	9
62	Deep brain stimulation restores frontostriatal network activity in obsessive-compulsive disorder. <i>Nature Neuroscience</i> , 2013, 16, 386-387.	14.8	379
63	Active Stimulation Site of Nucleus Accumbens Deep Brain Stimulation in Obsessive-Compulsive Disorder Is Localized in the Ventral Internal Capsule. , 2013, 117, 53-59.		48
64	Open-wound treatment for gunshot to the brain. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 64-66.	1.3	2
65	Tremor-specific neuronal oscillation pattern in dorsal subthalamic nucleus of parkinsonian patients. <i>Brain Stimulation</i> , 2012, 5, 305-314.	1.6	35
66	Germline SMARCB1 mutation predisposes to multiple meningiomas and schwannomas with preferential location of cranial meningiomas at the falx cerebri. <i>Neurogenetics</i> , 2012, 13, 1-7.	1.4	107
67	Recurring Intracranial Malignant Peripheral Nerve Sheath Tumor: Case Report and Systematic Review of the Literature. <i>Neurosurgery</i> , 2011, 68, E1152-E1159.	1.1	16
68	Deep brain stimulation increases impulsivity in two patients with obsessive-compulsive disorder. <i>International Clinical Psychopharmacology</i> , 2011, 26, 1.	1.7	33
69	Postoperative Curving and Upward Displacement of Deep Brain Stimulation Electrodes Caused by Brain Shift. <i>Neurosurgery</i> , 2010, 67, 49-54.	1.1	105
70	Deep Brain Stimulation of the Nucleus Accumbens for Treatment-Refractory Obsessive-Compulsive Disorder. <i>Archives of General Psychiatry</i> , 2010, 67, 1061.	12.3	634
71	A Randomized Trial Comparing Unilateral Pallidotomy with Bilateral Subthalamic Nucleus Stimulation in PD: Perspectives for Future Implication in Clinical Practice. <i>Progress in Neurotherapeutics and Neuropsychopharmacology</i> , 2007, 2, 13-26.	0.0	0