

Rob M A De Bie

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

6,087
citations

109321

35
h-index

74163

75
g-index

93
all docs

93
docs citations

93
times ranked

7059
citing authors

#	ARTICLE	IF	CITATIONS
1	Subthalamic nucleus versus globus pallidus bilateral deep brain stimulation for advanced Parkinson's disease (NSTAPS study): a randomised controlled trial. <i>Lancet Neurology</i> , The, 2013, 12, 37-44.	10.2	607
2	International Parkinson and movement disorder society evidence-based medicine review: Update on treatments for the motor symptoms of Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 1248-1266.	3.9	601
3	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. <i>Brain</i> , 2017, 140, 3191-3203.	7.6	323
4	Apathy in Parkinson's disease: A systematic review and meta-analysis. <i>Movement Disorders</i> , 2015, 30, 759-769.	3.9	268
5	A comparison of the mini mental state exam to the montreal cognitive assessment in identifying cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 297-299.	3.9	266
6	Prevalence of orthostatic hypotension in Parkinson's disease: A systematic review and meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 724-729.	2.2	259
7	Randomized Delayed-Start Trial of Levodopa in Parkinson's Disease. <i>New England Journal of Medicine</i> , 2019, 380, 315-324.	27.0	225
8	Directional steering. <i>Neurology</i> , 2014, 83, 1163-1169.	1.1	213
9	Unified Parkinson's disease rating scale motor examination: Are ratings of nurses, residents in neurology, and movement disorders specialists interchangeable?. <i>Movement Disorders</i> , 2005, 20, 1577-1584.	3.9	202
10	GPI vs STN deep brain stimulation for Parkinson disease. <i>Neurology</i> , 2016, 86, 755-761.	1.1	188
11	X-linked adrenoleukodystrophy in women: a cross-sectional cohort study. <i>Brain</i> , 2014, 137, 693-706.	7.6	182
12	Genome-wide association study confirms extant PD risk loci among the Dutch. <i>European Journal of Human Genetics</i> , 2011, 19, 655-661.	2.8	164
13	Selecting deep brain stimulation or infusion therapies in advanced Parkinson's disease: an evidence-based review. <i>Journal of Neurology</i> , 2013, 260, 2701-2714.	3.6	128
14	Mild cognitive impairment as a risk factor for Parkinson's disease dementia. <i>Movement Disorders</i> , 2017, 32, 1056-1065.	3.9	117
15	Long-term experience with intraoperative microrecording during DBS neurosurgery in STN and GPI. <i>Acta Neurochirurgica</i> , 2010, 152, 2069-2077.	1.7	115
16	Postoperative Curving and Upward Displacement of Deep Brain Stimulation Electrodes Caused by Brain Shift. <i>Neurosurgery</i> , 2010, 67, 49-54.	1.1	105
17	Initiation of pharmacological therapy in Parkinson's disease: when, why, and how. <i>Lancet Neurology</i> , The, 2020, 19, 452-461.	10.2	104
18	Manganese-Induced Parkinsonism Associated With Methcathinone (Ephedrone) Abuse. <i>Archives of Neurology</i> , 2007, 64, 886.	4.5	95

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19	DYT6 dystonia: Mutation screening, phenotype, and response to deep brain stimulation. <i>Movement Disorders</i> , 2010, 25, 2420-2427.	3.9	95
20	Fatal Human Rabies due to Duvenhage Virus from a Bat in Kenya: Failure of Treatment with Coma-Induction, Ketamine, and Antiviral Drugs. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e428.	3.0	92
21	Metabolomics of sebum reveals lipid dysregulation in Parkinson's disease. <i>Nature Communications</i> , 2021, 12, 1592.	12.8	91
22	Deep brain stimulation for Parkinson's disease: meta-analysis of results of randomized trials at varying lengths of follow-up. <i>Journal of Neurosurgery</i> , 2018, 128, 1199-1213.	1.6	81
23	Neuropsychological outcome after deep brain stimulation for Parkinson disease. <i>Neurology</i> , 2015, 84, 1355-1361.	1.1	76
24	Prognostic factors of motor impairment, disability, and quality of life in newly diagnosed PD. <i>Neurology</i> , 2013, 80, 627-633.	1.1	71
25	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
26	Bilateral pallidotomy in Parkinson's disease: A retrospective study. <i>Movement Disorders</i> , 2002, 17, 533-538.	3.9	60
27	Dopaminergic Therapy for Motor Symptoms in Early Parkinson Disease Practice Guideline Summary. <i>Neurology</i> , 2021, 97, 942-957.	1.1	58
28	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2583-2594.	3.9	54
29	Stereotactic neurosurgery for tremor. <i>Movement Disorders</i> , 2002, 17, S84-S88.	3.9	51
30	A prospective comparison between three-dimensional magnetic resonance imaging and ventriculography for target-coordinate determination in frame-based functional stereotactic neurosurgery. <i>Journal of Neurosurgery</i> , 1999, 91, 911-914.	1.6	46
31	Late-onset Huntington disease with intermediate CAG repeats: true or false?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 228-230.	1.9	46
32	Parkinson Disease and Subthalamic Nucleus Deep Brain Stimulation: Cognitive Effects in <i>GBA1</i> Mutation Carriers. <i>Annals of Neurology</i> , 2022, 91, 424-435.	5.3	46
33	Catechol-O-methyltransferase val158met and cognitive function in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 2550-2554.	3.9	44
34	Development and external validation of a prognostic model in newly diagnosed Parkinson disease. <i>Neurology</i> , 2016, 86, 986-993.	1.1	42
35	Detecting Mild Cognitive Deficits in Parkinson's Disease: Comparison of Neuropsychological Tests. <i>Movement Disorders</i> , 2018, 33, 1750-1759.	3.9	42
36	A Large-Scale Full <i>GBA1</i> Gene Screening in Parkinson's Disease in the Netherlands. <i>Movement Disorders</i> , 2020, 35, 1667-1674.	3.9	41

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37	The nociceptin/orphanin FQ (NOP) receptor antagonist Jâ€113397 enhances the effects of levodopa in the MPTPâ€lesioned nonhuman primate model of Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 1922-1925.	3.9	37
38	Does deep brain stimulation improve lower urinary tract symptoms in Parkinson's disease?. <i>Neurourology and Urodynamics</i> , 2018, 37, 354-359.	1.5	37
39	General Anesthesia vs Local Anesthesia in Microelectrode Recordingâ€Guided Deep-Brain Stimulation for Parkinson Disease. <i>JAMA Neurology</i> , 2021, 78, 1212.	9.0	37
40	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
41	Directional Deep Brain Stimulation: First experiences in centers across the globe. <i>Brain Stimulation</i> , 2018, 11, 949-950.	1.6	35
42	Quantification of Hand Motor Symptoms in Parkinsonâ€™s Disease: A Proof-of-Principle Study Using Inertial and Force Sensors. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2423-2436.	2.5	33
43	The Choice Between Advanced Therapies for Parkinsonâ€™s Disease Patients: Why, What, and When?. <i>Journal of Parkinson's Disease</i> , 2020, 10, S65-S73.	2.8	33
44	Risk of Parkinson's disease dementia related to level I MDS PDâ€™MCI. <i>Movement Disorders</i> , 2019, 34, 430-435.	3.9	32
45	Bilateral posteroventral pallidotomy in advanced parkinson's disease in three patients. <i>Movement Disorders</i> , 1997, 12, 752-755.	3.9	31
46	Apathy Induced by Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease: A Metaâ€™Analysis. <i>Movement Disorders</i> , 2021, 36, 317-326.	3.9	27
47	Unilateral pallidotomy in advanced Parkinson's disease: A retrospective study of 26 patients. <i>Movement Disorders</i> , 1999, 14, 951-957.	3.9	26
48	Postoperative Displacement of Deep Brain Stimulation Electrodes Related to Lead-Anchoring Technique. <i>Neurosurgery</i> , 2013, 73, 681-688.	1.1	26
49	Thalamic deep brain stimulation for orthostatic tremor: Clinical and neurophysiological correlates. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1005-1007.	2.2	22
50	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
51	Psychiatric and social outcome after deep brain stimulation for advanced Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 409-413.	3.9	20
52	Validating Differential Volatilome Profiles in Parkinsonâ€™s Disease. <i>ACS Central Science</i> , 2021, 7, 300-306.	11.3	20
53	Translating Evidence to Advanced Parkinson's Disease Patients: A Systematic Review and Metaâ€™Analysis. <i>Movement Disorders</i> , 2021, 36, 1293-1307.	3.9	19
54	Motor effects of deep brain stimulation correlate with increased functional connectivity in Parkinson's disease: An MEG study. <i>NeuroImage: Clinical</i> , 2020, 26, 102225.	2.7	18

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55	The impact of deep brain stimulation on tinnitus. , 2016, 7, 848.		18
56	Orthostatic tremor in progressive supranuclear palsy. Movement Disorders, 2007, 22, 1192-1194.	3.9	17
57	Defining the Dorsal STN Border Using 7.0-T MRI: A Comparison to Microelectrode Recordings and Lower Field Strength MRI. Stereotactic and Functional Neurosurgery, 2019, 97, 153-159.	1.5	17
58	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. Stereotactic and Functional Neurosurgery, 2020, 98, 118-128.	1.5	17
59	Chorea in adults following pulmonary endarterectomy. Movement Disorders, 2010, 25, 1101-1104.	3.9	16
60	Selective peripheral denervation: comparison with pallidal stimulation and literature review. Journal of Neurology, 2014, 261, 300-308.	3.6	16
61	Increased prevalence of migraine in Marfan syndrome. International Journal of Cardiology, 2009, 136, 330-334.	1.7	14
62	Advanced target identification in STN-DBS with beta power of combined local field potentials and spiking activity. Journal of Neuroscience Methods, 2015, 253, 116-125.	2.5	14
63	Distance to white matter tracts is associated with deep brain stimulation motor outcome in Parkinson's disease. Journal of Neurosurgery, 2020, 133, 433-442.	1.6	14
64	Structural and functional correlates of subthalamic deep brain stimulation-induced apathy in Parkinson's disease. Brain Stimulation, 2021, 14, 192-201.	1.6	13
65	Chorea in Adults after Pulmonary Endarterectomy with Deep Hypothermia and Circulatory Arrest. Annals of Internal Medicine, 2008, 149, 842.	3.9	11
66	Overall and Disease Related Mortality in Parkinson's Disease – a Longitudinal Cohort Study. Journal of Parkinson's Disease, 2019, 9, 767-774.	2.8	11
67	Rivastigmine for minor visual hallucinations in Parkinson's disease: A randomized controlled trial with 24 months follow-up. Brain and Behavior, 2021, 11, e2257.	2.2	11
68	Level I <sc>PD</sc> Using Global Cognitive Tests and the Risk for Parkinson's Disease Dementia. Movement Disorders Clinical Practice, 2022, 9, 479-483.	1.5	11
69	The role of SPECT imaging of the dopaminergic system in translational research on Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, S184-S186.	2.2	10
70	Diving into the subcortex: The potential of chronic subcortical sensing for unravelling basal ganglia function and optimization of deep brain stimulation. NeuroImage, 2022, 254, 119147.	4.2	10
71	Structural changes in cerebellar outflow tracts after thalamotomy in essential tremor. Parkinsonism and Related Disorders, 2014, 20, 554-557.	2.2	9
72	Electrode Location in a Microelectrode Recording-Based Model of the Subthalamic Nucleus Can Predict Motor Improvement After Deep Brain Stimulation for Parkinson's Disease. Brain Sciences, 2019, 9, 51.	2.3	9

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73	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
74	Wilson's Disease Should Be Treated with Zinc rather than Trientine or Penicillamine. <i>Neuropediatrics</i> , 2017, 48, 394-395.	0.6	7
75	New therapeutic developments for Parkinson disease. <i>Nature Reviews Neurology</i> , 2019, 15, 68-69.	10.1	7
76	Orthostatic Hypotension in Parkinson's Disease: The Relation of Blood Pressure Tests and Symptoms in Daily Life. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 329-334.	1.5	6
77	Reliability of visual assessment by non-expert nuclear medicine physicians and appropriateness of indications of [123I]FP-CIT SPECT imaging by neurologists in patients with early drug-naïve Parkinson's disease. <i>EJNMMI Research</i> , 2019, 9, 63.	2.5	6
78	Combined and Sequential Treatment with Deep Brain Stimulation and Continuous Intrajejunal Levodopa Infusion for Parkinson's Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 547.	2.5	6
79	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
80	Pallidotomy suppresses beta power in the subthalamic nucleus of Parkinson's disease patients. <i>European Journal of Neuroscience</i> , 2011, 33, 1275-1280.	2.6	4
81	Bilateral cerebellar-thalamic fibers stimulation for essential tremor?. <i>Movement Disorders</i> , 2011, 26, 1366-1367.	3.9	4
82	Value of Clinical Signs in Identifying Patients with Scans without Evidence of Dopaminergic Deficit (SWEDD). <i>Journal of Parkinson's Disease</i> , 2020, 10, 1561-1569.	2.8	4
83	Advanced Care Planning in Parkinson's Disease: In-depth Interviews With Patients on Experiences and Needs. <i>Frontiers in Neurology</i> , 2021, 12, 683094.	2.4	3
84	Utilizing 7-Tesla Subthalamic Nucleus Connectivity in Deep Brain Stimulation for Parkinson Disease. <i>Neuromodulation</i> , 2023, 26, 333-339.	0.8	3
85	NEUROSURGERY AT AN EARLIER STAGE OF PARKINSON DISEASE. <i>Neurology</i> , 2007, 69, 811-812.	1.1	2
86	Patient perception of deep brain stimulation hardware. <i>Movement Disorders</i> , 2013, 28, 1754-1755.	3.9	2
87	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
88	Initiating pharmacotherapy in early Parkinson's disease. <i>Lancet Neurology</i> , The, 2020, 19, 643-644.	10.2	2
89	Cortical myoclonic tremor after chimeric antigen receptor T-cell therapy. <i>Journal of Neurology</i> , 2022, 269, 5165-5169.	3.6	2
90	The Phenomenology of Primary Orthostatic Tremor. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 489-493.	1.5	1

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91	Dutch injection versus surgery trial in patients with carpal tunnel syndrome (DISTRICTS): protocol of a randomised controlled trial comparing two treatment strategies. <i>BMJ Open</i> , 2022, 12, e057641.	1.9	1
92	An Unusual Dystonic Manifestation in Wilson's Disease. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 546-547.	1.5	0