

# 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	Utilizing 7-Tesla Subthalamic Nucleus Connectivity in Deep Brain Stimulation for Parkinson Disease. <i>Neuromodulation</i> , 2023, 26, 333-339.	0.8	3
2	Parkinson Disease and Subthalamic Nucleus Deep Brain Stimulation: Cognitive Effects in <sc><i>GBA</i></sc> Mutation Carriers. <i>Annals of Neurology</i> , 2022, 91, 424-435.	5.3	46
3	Level I <sc>PDâ€MCI</sc> Using Global Cognitive Tests and the Risk for Parkinson's Disease Dementia. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 479-483.	1.5	11
4	The Phenomenology of Primary Orthostatic Tremor. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 489-493.	1.5	1
5	Diving into the subcortex: The potential of chronic subcortical sensing for unravelling basal ganglia function and optimization of deep brain stimulation. <i>NeuroImage</i> , 2022, 254, 119147.	4.2	10
6	Cortical myoclonic tremor after chimeric antigen receptor T-cell therapy. <i>Journal of Neurology</i> , 2022, 269, 5165-5169.	3.6	2
7	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
8	Structural and functional correlates of subthalamic deep brain stimulation-induced apathy in Parkinsonâ€™s disease. <i>Brain Stimulation</i> , 2021, 14, 192-201.	1.6	13
9	Metabolomics of sebum reveals lipid dysregulation in Parkinsonâ€™s disease. <i>Nature Communications</i> , 2021, 12, 1592.	12.8	91
10	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
11	Combined and Sequential Treatment with Deep Brain Stimulation and Continuous Intraejunal Levodopa Infusion for Parkinsonâ€™s Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 547.	2.5	6
12	Rivastigmine for minor visual hallucinations in Parkinson's disease: A randomized controlled trial with 24â€™months followâ€™up. <i>Brain and Behavior</i> , 2021, 11, e2257.	2.2	11
13	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
14	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2583-2594.	3.9	54
15	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
16	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
17	Validating Differential Volatilome Profiles in Parkinsonâ€™s Disease. <i>ACS Central Science</i> , 2021, 7, 300-306.	11.3	20
18	Dopaminergic Therapy for Motor Symptoms in Early Parkinson Disease Practice Guideline Summary. <i>Neurology</i> , 2021, 97, 942-957.	1.1	58

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19	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
20	Initiating pharmacotherapy in early Parkinson's disease. <i>Lancet Neurology</i> , The, 2020, 19, 643-644.	10.2	2
21	The Choice Between Advanced Therapies for Parkinson's Disease Patients: Why, What, and When?. <i>Journal of Parkinson's Disease</i> , 2020, 10, S65-S73.	2.8	33
22	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
23	Initiation of pharmacological therapy in Parkinson's disease: when, why, and how. <i>Lancet Neurology</i> , The, 2020, 19, 452-461.	10.2	104
24	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
25	A Large-Scale Full GBA1 Gene Screening in Parkinson's Disease in the Netherlands. <i>Movement Disorders</i> , 2020, 35, 1667-1674.	3.9	41
26	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
27	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
28	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
29	Overall and Disease Related Mortality in Parkinson's Disease – a Longitudinal Cohort Study. <i>Journal of Parkinson's Disease</i> , 2019, 9, 767-774.	2.8	11
30	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
31	Randomized Delayed-Start Trial of Levodopa in Parkinson's Disease. <i>New England Journal of Medicine</i> , 2019, 380, 315-324.	27.0	225
32	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
33	Risk of Parkinson's disease dementia related to level I MDS PD-MCI. <i>Movement Disorders</i> , 2019, 34, 430-435.	3.9	32
34	New therapeutic developments for Parkinson disease. <i>Nature Reviews Neurology</i> , 2019, 15, 68-69.	10.1	7
35	Directional Deep Brain Stimulation: First experiences in centers across the globe. <i>Brain Stimulation</i> , 2018, 11, 949-950.	1.6	35
36	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

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37	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
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	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
40	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
41	Detecting Mild Cognitive Deficits in Parkinson's Disease: Comparison of Neuropsychological Tests. <i>Movement Disorders</i> , 2018, 33, 1750-1759.	3.9	42
42	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
43	An Unusual Dystonic Manifestation in Wilson's Disease. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 546-547.	1.5	0
44	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
45	Mild cognitive impairment as a risk factor for Parkinson's disease dementia. <i>Movement Disorders</i> , 2017, 32, 1056-1065.	3.9	117
46	Quantification of Hand Motor Symptoms in Parkinson'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
47	Wilson's Disease Should Be Treated with Zinc rather than Trientine or Penicillamine. <i>Neuropediatrics</i> , 2017, 48, 394-395.	0.6	7
48	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. <i>Brain</i> , 2017, 140, 3191-3203.	7.6	323
49	Psychiatric and social outcome after deep brain stimulation for advanced Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 409-413.	3.9	20
50	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
51	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
52	GPI vs STN deep brain stimulation for Parkinson disease. <i>Neurology</i> , 2016, 86, 755-761.	1.1	188
53	Development and external validation of a prognostic model in newly diagnosed Parkinson disease. <i>Neurology</i> , 2016, 86, 986-993.	1.1	42
54	The impact of deep brain stimulation on tinnitus. , 2016, 7, 848.		18

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55	Neuropsychological outcome after deep brain stimulation for Parkinson disease. <i>Neurology</i> , 2015, 84, 1355-1361.	1.1	76
56	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
57	Apathy in Parkinson's disease: A systematic review and meta-analysis. <i>Movement Disorders</i> , 2015, 30, 759-769.	3.9	268
58	Thalamic deep brain stimulation for orthostatic tremor: Clinical and neurophysiological correlates. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1005-1007.	2.2	22
59	The role of SPECT imaging of the dopaminergic system in translational research on Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, S184-S186.	2.2	10
60	Selective peripheral denervation: comparison with pallidal stimulation and literature review. <i>Journal of Neurology</i> , 2014, 261, 300-308.	3.6	16
61	X-linked adrenoleukodystrophy in women: a cross-sectional cohort study. <i>Brain</i> , 2014, 137, 693-706.	7.6	182
62	Directional steering. <i>Neurology</i> , 2014, 83, 1163-1169.	1.1	213
63	Structural changes in cerebellar outflow tracts after thalamotomy in essential tremor. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 554-557.	2.2	9
64	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
65	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
66	Prognostic factors of motor impairment, disability, and quality of life in newly diagnosed PD. <i>Neurology</i> , 2013, 80, 627-633.	1.1	71
67	Patient perception of deep brain stimulation hardware. <i>Movement Disorders</i> , 2013, 28, 1754-1755.	3.9	2
68	Postoperative Displacement of Deep Brain Stimulation Electrodes Related to Lead-Anchoring Technique. <i>Neurosurgery</i> , 2013, 73, 681-688.	1.1	26
69	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
70	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
71	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
72	Bilateral cerebellorubrothalamic fibers stimulation for essential tremor?. <i>Movement Disorders</i> , 2011, 26, 1366-1367.	3.9	4

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73	Postoperative Curving and Upward Displacement of Deep Brain Stimulation Electrodes Caused by Brain Shift. <i>Neurosurgery</i> , 2010, 67, 49-54.	1.1	105
74	Long-term experience with intraoperative microrecording during DBS neurosurgery in STN and GPi. <i>Acta Neurochirurgica</i> , 2010, 152, 2069-2077.	1.7	115
75	Chorea in adults following pulmonary endarterectomy. <i>Movement Disorders</i> , 2010, 25, 1101-1104.	3.9	16
76	DYT6 dystonia: Mutation screening, phenotype, and response to deep brain stimulation. <i>Movement Disorders</i> , 2010, 25, 2420-2427.	3.9	95
77	Catecholâ€œmethyltransferase val158met and cognitive function in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 2550-2554.	3.9	44
78	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
79	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
80	Increased prevalence of migraine in Marfan syndrome. <i>International Journal of Cardiology</i> , 2009, 136, 330-334.	1.7	14
81	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
82	The nociceptin/orphanin FQ (NOP) receptor antagonist Jâ€œ113397 enhances the effects of levodopa in the MPTPâ€œlesioned nonhuman primate model of Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 1922-1925.	3.9	37
83	Chorea in Adults after Pulmonary Endarterectomy with Deep Hypothermia and Circulatory Arrest. <i>Annals of Internal Medicine</i> , 2008, 149, 842.	3.9	11
84	NEUROSURGERY AT AN EARLIER STAGE OF PARKINSON DISEASE. <i>Neurology</i> , 2007, 69, 811-812.	1.1	2
85	Manganese-Induced Parkinsonism Associated With Methcathinone (Ephedrone) Abuse. <i>Archives of Neurology</i> , 2007, 64, 886.	4.5	95
86	Orthostatic tremor in progressive supranuclear palsy. <i>Movement Disorders</i> , 2007, 22, 1192-1194.	3.9	17
87	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
88	Bilateral pallidotomy in Parkinson's disease: A retrospective study. <i>Movement Disorders</i> , 2002, 17, 533-538.	3.9	60
89	Stereotactic neurosurgery for tremor. <i>Movement Disorders</i> , 2002, 17, S84-S88.	3.9	51
90	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

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91	Unilateral pallidotomy in advanced Parkinson's disease: A retrospective study of 26 patients. Movement Disorders, 1999, 14, 951-957.	3.9	26
92	Bilateral posteroventral pallidotomy in advanced parkinson's disease in three patients. Movement Disorders, 1997, 12, 752-755.	3.9	31