

# Binith Cheeran

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

4,462  
citations

159585

30  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-individual Variability in Response to Non-invasive Brain Stimulation Paradigms. <i>Brain Stimulation</i> , 2014, 7, 372-380.	1.6	638
2	A common polymorphism in the brain-derived neurotrophic factor gene ( <i>BDNF</i> ) modulates human cortical plasticity and the response to rTMS. <i>Journal of Physiology</i> , 2008, 586, 5717-5725.	2.9	592
3	Bilateral adaptive deep brain stimulation is effective in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 717-721.	1.9	269
4	Stimulating at the right time: phase-specific deep brain stimulation. <i>Brain</i> , 2017, 140, 132-145.	7.6	213
5	Time Course of Functional Connectivity between Dorsal Premotor and Contralateral Motor Cortex during Movement Selection. <i>Journal of Neuroscience</i> , 2006, 26, 7452-7459.	3.6	202
6	Focal Stimulation of the Posterior Parietal Cortex Increases the Excitability of the Ipsilateral Motor Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 6815-6822.	3.6	202
7	Hyperexcitability of parietal-motor functional connections in the intact left-hemisphere of patients with neglect. <i>Brain</i> , 2008, 131, 3147-3155.	7.6	201
8	Adaptive deep brain stimulation for Parkinson's disease demonstrates reduced speech side effects compared to conventional stimulation in the acute setting. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1388-1389.	1.9	199
9	Role of the Cerebellum in Externally Paced Rhythmic Finger Movements. <i>Journal of Neurophysiology</i> , 2007, 98, 145-152.	1.8	151
10	Intra-individual variability in the response to anodal transcranial direct current stimulation. <i>Clinical Neurophysiology</i> , 2015, 126, 2342-2347.	1.5	150
11	The Future of Restorative Neurosciences in Stroke: Driving the Translational Research Pipeline From Basic Science to Rehabilitation of People After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 97-107.	2.9	125
12	Theta Burst Stimulation in the Rehabilitation of the Upper Limb. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 976-987.	2.9	120
13	Functional Interplay between Posterior Parietal and Ipsilateral Motor Cortex Revealed by Twin-Coil Transcranial Magnetic Stimulation during Reach Planning toward Contralateral Space. <i>Journal of Neuroscience</i> , 2008, 28, 5944-5953.	3.6	118
14	Long-Term Results of Deep Brain Stimulation of the Anterior Cingulate Cortex for Neuropathic Pain. <i>World Neurosurgery</i> , 2017, 106, 625-637.	1.3	98
15	Variability in non-invasive brain stimulation studies: Reasons and results. <i>Neuroscience Letters</i> , 2020, 719, 133330.	2.1	95
16	The contribution of transcranial magnetic stimulation in the diagnosis and in the management of dementia. <i>Clinical Neurophysiology</i> , 2014, 125, 1509-1532.	1.5	92
17	The nature of tremor circuits in parkinsonian and essential tremor. <i>Brain</i> , 2014, 137, 3223-3234.	7.6	90
18	Human Theta Burst Stimulation Enhances Subsequent Motor Learning and Increases Performance Variability. <i>Cerebral Cortex</i> , 2011, 21, 1627-1638.	2.9	79

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19	Distinct mechanisms mediate speed-accuracy adjustments in cortico-subthalamic networks. <i>ELife</i> , 2017, 6, .	6.0	71
20	Mechanisms Underlying Decision-Making as Revealed by Deep-Brain Stimulation in Patients with Parkinson's Disease. <i>Current Biology</i> , 2018, 28, 1169-1178.e6.	3.9	66
21	Alternating Modulation of Subthalamic Nucleus Beta Oscillations during Stepping. <i>Journal of Neuroscience</i> , 2018, 38, 5111-5121.	3.6	66
22	TMS activation of interhemispheric pathways between the posterior parietal cortex and the contralateral motor cortex. <i>Journal of Physiology</i> , 2009, 587, 4281-4292.	2.9	62
23	Tremor Reduction by Deep Brain Stimulation Is Associated With Gamma Power Suppression in Parkinson's Disease. <i>Neuromodulation</i> , 2015, 18, 349-354.	0.8	60
24	Comparing neurostimulation technologies in refractory focal-onset epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1174-1182.	1.9	55
25	Relationship Between Non-invasive Brain Stimulation-induced Plasticity and Capacity for Motor Learning. <i>Brain Stimulation</i> , 2015, 8, 1209-1219.	1.6	52
26	Solutions for managing variability in non-invasive brain stimulation studies. <i>Neuroscience Letters</i> , 2020, 719, 133332.	2.1	52
27	Altered dorsal premotor motor interhemispheric pathway activity in focal arm dystonia. <i>Movement Disorders</i> , 2008, 23, 660-668.	3.9	46
28	Subthalamic nucleus gamma activity increases not only during movement but also during movement inhibition. <i>ELife</i> , 2017, 6, .	6.0	41
29	Subthalamic Nucleus Local Field Potential Activity Helps Encode Motor Effort Rather Than Force in Parkinsonism. <i>Journal of Neuroscience</i> , 2015, 35, 5941-5949.	3.6	39
30	Directional Deep Brain Stimulation for Parkinson's Disease: Results of an International Crossover Study With Randomized, Double-Blind Primary Endpoint. <i>Neuromodulation</i> , 2022, 25, 817-828.	0.8	34
31	Subthalamic nucleus beta and gamma activity is modulated depending on the level of imagined grip force. <i>Experimental Neurology</i> , 2017, 293, 53-61.	4.1	31
32	A Preliminary Comparison of Motor Learning Across Different Non-invasive Brain Stimulation Paradigms Shows No Consistent Modulations. <i>Frontiers in Neuroscience</i> , 2018, 12, 253.	2.8	27
33	The effect of BDNF val66met polymorphism on visuomotor adaptation. <i>Experimental Brain Research</i> , 2012, 223, 43-50.	1.5	26
34	Ventral premotor to primary motor cortical interactions during noxious and naturalistic action observation. <i>Neuropsychologia</i> , 2010, 48, 1802-1806.	1.6	21
35	Recurrence of dyskinesia as a side-effect of mirabegron in a patient with Parkinson's disease on DBS (Gpi). <i>Parkinsonism and Related Disorders</i> , 2016, 27, 107-108.	2.2	11
36	Paradoxical facilitation after depotentiation protocol can precede dyskinesia onset in early Parkinson's disease. <i>Experimental Brain Research</i> , 2016, 234, 3659-3667.	1.5	10

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37	Parkinson's Disease: New Insights into Pathophysiology and Rehabilitative Approaches. Parkinson's Disease, 2016, 2016, 1-2.	1.1	9
38	Post-Traumatic Tremor and Thalamic Deep Brain Stimulation: Evidence for Use of Diffusion Tensor Imaging. World Neurosurgery, 2016, 96, 607.e7-607.e11.	1.3	6