

# Arun Singh

## List of Publications by Year in descending order

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41  
papers

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citations

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docs citations

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times ranked

1116  
citing authors

#	ARTICLE	IF	CITATIONS
1	TMS Bursts Can Modulate Local and Networks Oscillations During Lower-Limb Movement. Journal of Clinical Neurophysiology, 2023, 40, 371-377.	1.7	1
2	Interval timing and midfrontal delta oscillations are impaired in Parkinson's disease patients with freezing of gait. Journal of Neurology, 2022, 269, 2599-2609.	3.6	7
3	Resting-State Low-Frequency Cerebellar Oscillations Can Be Abnormal in Parkinson's Disease. Cerebellum, 2022, 21, 1139-1143.	2.5	7
4	Cognitive task-related oscillations in human internal globus pallidus and subthalamic nucleus. Behavioural Brain Research, 2022, 424, 113787.	2.2	3
5	OUP accepted manuscript. Cerebral Cortex, 2022, , .	2.9	3
6	Phosphodiesterase 9 inhibition prolongs the antiparkinsonian action of L-DOPA in parkinsonian non-human primates. Neuropharmacology, 2022, 212, 109060.	4.1	3
7	Timing variability and midfrontal $\sim 4\%$ Hz rhythms correlate with cognition in Parkinson's disease. Npj Parkinson's Disease, 2021, 7, 14.	5.3	44
8	Altered Cerebellar Oscillations in Parkinson's Disease Patients during Cognitive and Motor Tasks. Neuroscience, 2021, 475, 185-196.	2.3	13
9	Cortical and Cerebellar Oscillatory Responses to Postural Instability in Parkinson's Disease. Frontiers in Neurology, 2021, 12, 752271.	2.4	7
10	GABAergic Modulation in Movement Related Oscillatory Activity: A Review of the Effect Pharmacologically and with Aging. Tremor and Other Hyperkinetic Movements, 2021, 11, 48.	2.0	3
11	Relationships between Freezing of Gait Severity and Cognitive Deficits in Parkinson's Disease. Brain Sciences, 2021, 11, 1496.	2.3	10
12	Linear predictive coding distinguishes spectral EEG features of Parkinson's disease. Parkinsonism and Related Disorders, 2020, 79, 79-85.	2.2	65
13	Striatal Oscillations in Parkinsonian Non-Human Primates. Neuroscience, 2020, 449, 116-122.	2.3	14
14	Frontal theta and beta oscillations during lower-limb movement in Parkinson's disease. Clinical Neurophysiology, 2020, 131, 694-702.	1.5	71
15	Role of striatal FosB in Dopa-induced dyskinesias of parkinsonian nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18664-18672.	7.1	22
16	Cerebellar Theta Frequency Transcranial Pulsed Stimulation Increases Frontal Theta Oscillations in Patients with Schizophrenia. Cerebellum, 2019, 18, 489-499.	2.5	28
17	Qualitative postural control differences in Idiopathic Parkinson's Disease vs. Progressive Supranuclear Palsy with dynamic-on-static platform tilt. Clinical Neurophysiology, 2018, 129, 1137-1147.	1.5	18
18	Glutamatergic Tuning of Hyperactive Striatal Projection Neurons Controls the Motor Response to Dopamine Replacement in Parkinsonian Primates. Cell Reports, 2018, 22, 941-952.	6.4	15

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19	Oscillatory activity in the cortico-basal ganglia-thalamic neural circuits in Parkinson's disease. <i>European Journal of Neuroscience</i> , 2018, 48, 2869-2878.	2.6	64
20	Dysregulation of striatal projection neurons in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 449-460.	2.8	15
21	Mid-frontal theta activity is diminished during cognitive control in Parkinson's disease. <i>Neuropsychologia</i> , 2018, 117, 113-122.	1.6	90
22	Intermediate Latency-Evoked Potentials of Multimodal Cortical Vestibular Areas: Galvanic Stimulation. <i>Frontiers in Neurology</i> , 2017, 8, 587.	2.4	7
23	Neck Vibration Proprioceptive Postural Response Intact in Progressive Supranuclear Palsy unlike Idiopathic Parkinson's Disease. <i>Frontiers in Neurology</i> , 2017, 8, 689.	2.4	7
24	Postural Stabilization Differences in Idiopathic Parkinson's Disease and Progressive Supranuclear Palsy during Self-Triggered Fast Forward Weight Lifting. <i>Frontiers in Neurology</i> , 2017, 8, 743.	2.4	5
25	Human striatal recordings reveal abnormal discharge of projection neurons in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9629-9634.	7.1	65
26	Anticipatory postural adjustments are unaffected by age and are not absent in patients with the freezing of gait phenomenon. <i>Experimental Brain Research</i> , 2016, 234, 2609-2618.	1.5	31
27	Dual $\mu$ -agonist/ $\kappa$ -antagonist opioid receptor modulation reduces levodopa-induced dyskinesia and corrects dysregulated striatal changes in the nonhuman primate model of Parkinson disease. <i>Annals of Neurology</i> , 2015, 77, 930-941.	5.3	45
28	Intermediate latency evoked potentials of cortical multimodal vestibular areas: Acoustic stimulation. <i>Clinical Neurophysiology</i> , 2015, 126, 614-625.	1.5	17
29	Dopamine regulates distinctively the activity patterns of striatal output neurons in advanced parkinsonian primates. <i>Journal of Neurophysiology</i> , 2015, 113, 1533-1544.	1.8	43
30	Effects of fibroblast transplantation into the internal pallidum on levodopa-induced dyskinesias in parkinsonian non-human primates. <i>Neuroscience Bulletin</i> , 2015, 31, 705-713.	2.9	4
31	Transient Central Diabetes Insipidus Induced by Ketamine Infusion. <i>Annals of Pharmacotherapy</i> , 2014, 48, 1642-1645.	1.9	14
32	Onset latency of segmental dystonia after deep brain stimulation cessation: A randomized, double-blind crossover trial. <i>Movement Disorders</i> , 2014, 29, 944-949.	3.9	13
33	Modeling Parkinson's disease in monkeys for translational studies, a critical analysis. <i>Experimental Neurology</i> , 2014, 256, 133-143.	4.1	62
34	Freezing of gait-related oscillatory activity in the human subthalamic nucleus. <i>Basal Ganglia</i> , 2013, 3, 25-32.	0.3	69
35	Globus pallidus internus oscillatory activity is related to movement speed. <i>European Journal of Neuroscience</i> , 2013, 38, 3644-3649.	2.6	14
36	Movement kinematic after deep brain stimulation associated microlesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1022-1026.	1.9	20

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37	Effect of micro lesions of the basal ganglia on ballistic movements in patients with deep brain stimulation. <i>Journal of the Neurological Sciences</i> , 2012, 314, 175-177.	0.6	4
38	Alpha frequency modulation in the human basal ganglia is dependent on motor task. <i>European Journal of Neuroscience</i> , 2011, 33, 960-967.	2.6	27
39	Pattern of local field potential activity in the globus pallidus internum of dystonic patients during walking on a treadmill. <i>Experimental Neurology</i> , 2011, 232, 162-167.	4.1	41
40	Iron-induced experimental cortical seizures: Electroencephalographic mapping of seizure spread in the subcortical brain areas. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2007, 16, 680-690.	2.0	30
41	Pathophysiological Neuronal Oscillations: Invasive Recordings from the Basal Ganglia. , 0, , 28-28.		0