

Arun Singh

List of Publications by Year in descending order

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41
papers

1,041
citations

471509

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477307

29
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docs citations

53
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-frontal theta activity is diminished during cognitive control in Parkinson's disease. <i>Neuropsychologia</i> , 2018, 117, 113-122.	1.6	90
2	Frontal theta and beta oscillations during lower-limb movement in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2020, 131, 694-702.	1.5	71
3	Freezing of gait-related oscillatory activity in the human subthalamic nucleus. <i>Basal Ganglia</i> , 2013, 3, 25-32.	0.3	69
4	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
5	Linear predictive coding distinguishes spectral EEG features of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020, 79, 79-85.	2.2	65
6	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
7	Modeling Parkinson's disease in monkeys for translational studies, a critical analysis. <i>Experimental Neurology</i> , 2014, 256, 133-143.	4.1	62
8	Dual μ -agonist/ κ -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
9	Timing variability and midfrontal β rhythms correlate with cognition in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 14.	5.3	44
10	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
11	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
12	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
13	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
14	Cerebellar Theta Frequency Transcranial Pulsed Stimulation Increases Frontal Theta Oscillations in Patients with Schizophrenia. <i>Cerebellum</i> , 2019, 18, 489-499.	2.5	28
15	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
16	Role of striatal FosB in μ -Dopa-induced dyskinesias of parkinsonian nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18664-18672.	7.1	22
17	Movement kinematic after deep brain stimulation associated microlesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1022-1026.	1.9	20
18	Qualitative postural control differences in Idiopathic Parkinson's Disease vs. Progressive Supranuclear Palsy with dynamic-on-static platform tilt. <i>Clinical Neurophysiology</i> , 2018, 129, 1137-1147.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Intermediate latency evoked potentials of cortical multimodal vestibular areas: Acoustic stimulation. <i>Clinical Neurophysiology</i> , 2015, 126, 614-625.	1.5	17
20	Glutamatergic Tuning of Hyperactive Striatal Projection Neurons Controls the Motor Response to Dopamine Replacement in Parkinsonian Primates. <i>Cell Reports</i> , 2018, 22, 941-952.	6.4	15
21	Dysregulation of striatal projection neurons in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 449-460.	2.8	15
22	Globus pallidus internus oscillatory activity is related to movement speed. <i>European Journal of Neuroscience</i> , 2013, 38, 3644-3649.	2.6	14
23	Transient Central Diabetes Insipidus Induced by Ketamine Infusion. <i>Annals of Pharmacotherapy</i> , 2014, 48, 1642-1645.	1.9	14
24	Striatal Oscillations in Parkinsonian Non-Human Primates. <i>Neuroscience</i> , 2020, 449, 116-122.	2.3	14
25	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
26	Altered Cerebellar Oscillations in Parkinson's Disease Patients during Cognitive and Motor Tasks. <i>Neuroscience</i> , 2021, 475, 185-196.	2.3	13
27	Relationships between Freezing of Gait Severity and Cognitive Deficits in Parkinson's Disease. <i>Brain Sciences</i> , 2021, 11, 1496.	2.3	10
28	Intermediate Latency-Evoked Potentials of Multimodal Cortical Vestibular Areas: Galvanic Stimulation. <i>Frontiers in Neurology</i> , 2017, 8, 587.	2.4	7
29	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
30	Interval timing and midfrontal delta oscillations are impaired in Parkinson's disease patients with freezing of gait. <i>Journal of Neurology</i> , 2022, 269, 2599-2609.	3.6	7
31	Cortical and Cerebellar Oscillatory Responses to Postural Instability in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 752271.	2.4	7
32	Resting-State Low-Frequency Cerebellar Oscillations Can Be Abnormal in Parkinson's Disease. <i>Cerebellum</i> , 2022, 21, 1139-1143.	2.5	7
33	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
34	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
35	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
36	GABAergic Modulation in Movement Related Oscillatory Activity: A Review of the Effect Pharmacologically and with Aging. <i>Tremor and Other Hyperkinetic Movements</i> , 2021, 11, 48.	2.0	3

#	ARTICLE	IF	CITATIONS
37	Cognitive task-related oscillations in human internal globus pallidus and subthalamic nucleus. Behavioural Brain Research, 2022, 424, 113787.	2.2	3
38	OUP accepted manuscript. Cerebral Cortex, 2022, , .	2.9	3
39	Phosphodiesterase 9 inhibition prolongs the antiparkinsonian action of l-DOPA in parkinsonian non-human primates. Neuropharmacology, 2022, 212, 109060.	4.1	3
40	TMS Bursts Can Modulate Local and Networks Oscillations During Lower-Limb Movement. Journal of Clinical Neurophysiology, 2023, 40, 371-377.	1.7	1
41	Pathophysiological Neuronal Oscillations: Invasive Recordings from the Basal Ganglia. , 0, , 28-28.		0