

Driss Boussaoud

List of Publications by Year in descending order

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54
papers

5,850
citations

117625

34
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

4365
citing authors

#	ARTICLE	IF	CITATIONS
1	PREMOTOR AND PARIETAL CORTEX: Corticocortical Connectivity and Combinatorial Computations. Annual Review of Neuroscience, 1997, 20, 25-42.	10.7	860
2	Pathways for motion analysis: Cortical connections of the medial superior temporal and fundus of the superior temporal visual areas in the macaque. Journal of Comparative Neurology, 1990, 296, 462-495.	1.6	627
3	Visual topography of area TEO in the macaque. Journal of Comparative Neurology, 1991, 306, 554-575.	1.6	434
4	Cortical connections of inferior temporal area TEO in macaque monkeys. Journal of Comparative Neurology, 1993, 334, 125-150.	1.6	286
5	Parietal inputs to dorsal versus ventral premotor areas in the macaque monkey: evidence for largely segregated visuomotor pathways. Experimental Brain Research, 2002, 145, 91-103.	1.5	238
6	Role of the cat substantia nigra pars reticulata in eye and head movements I. Neural activity. Experimental Brain Research, 1985, 57, 286-96.	1.5	218
7	Direct visual pathways for reaching movements in the macaque monkey. NeuroReport, 1995, 7, 267-272.	1.2	174
8	Primate premotor cortex: modulation of preparatory neuronal activity by gaze angle. Journal of Neurophysiology, 1995, 73, 886-890.	1.8	164
9	Primate frontal cortex: effects of stimulus and movement. Experimental Brain Research, 1993, 95, 28-40.	1.5	158
10	High gamma frequency oscillatory activity dissociates attention from intention in the human premotor cortex. NeuroImage, 2005, 28, 154-164.	4.2	150
11	Eye Position Effects on the Neuronal Activity of Dorsal Premotor Cortex in the Macaque Monkey. Journal of Neurophysiology, 1998, 80, 1132-1150.	1.8	149
12	Multivoxel Pattern Analysis for fMRI Data: A Review. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-14.	1.3	147
13	Attention versus Intention in the Primate Premotor Cortex. NeuroImage, 2001, 14, S40-S45.	4.2	144
14	Primate frontal cortex: neuronal activity following attentional versus intentional cues. Experimental Brain Research, 1993, 95, 15-27.	1.5	141
15	Subcortical connections of visual areas MST and FST in macaques. Visual Neuroscience, 1992, 9, 291-302.	1.0	128
16	Effects of gaze on apparent visual responses of frontal cortex neurons. Experimental Brain Research, 1993, 93, 423-34.	1.5	114
17	Visuo-motor learning with combination of different rates of motor imagery and physical practice. Experimental Brain Research, 2007, 184, 105-113.	1.5	108
18	Differential roles of caudate nucleus and putamen during instrumental learning. NeuroImage, 2011, 57, 1580-1590.	4.2	106

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19	The premotor cortex and nonstandard sensorimotor mapping. Canadian Journal of Physiology and Pharmacology, 1996, 74, 469-482.	1.4	103
20	Gaze effects in the cerebral cortex: reference frames for space coding and action. Experimental Brain Research, 1999, 128, 170-180.	1.5	98
21	Origin of thalamic inputs to the primary, premotor, and supplementary motor cortical areas and to area 46 in macaque monkeys: A multiple retrograde tracing study. , 1999, 409, 131-152.		90
22	Projections of the claustrum to the primary motor, premotor, and prefrontal cortices in the macaque monkey. Journal of Comparative Neurology, 2002, 454, 140-157.	1.6	90
23	Primate premotor cortex: dissociation of visuomotor from sensory signals. Journal of Neurophysiology, 1992, 68, 969-972.	1.8	86
24	Frontal lobe mechanisms subserving vision-for-action versus vision-for-perception. Behavioural Brain Research, 1995, 72, 1-15.	2.2	85
25	Callosal connections of dorsal versus ventral premotor areas in the macaque monkey: a multiple retrograde tracing study. BMC Neuroscience, 2005, 6, 67.	1.9	83
26	Hand kinematics during reaching and grasping in the macaque monkey. Behavioural Brain Research, 2000, 117, 75-82.	2.2	72
27	Dual morphology and topography of the corticothalamic terminals originating from the primary, supplementary motor, and dorsal premotor cortical areas in Macaque monkeys. , 1998, 396, 169-185.		66
28	Understanding the Neural Computations of Arbitrary Visuomotor Learning through fMRI and Associative Learning Theory. Cerebral Cortex, 2008, 18, 1485-1495.	2.9	66
29	The Primate Striatum: Neuronal Activity in Relation to Spatial Attention Versus Motor Preparation. European Journal of Neuroscience, 1997, 9, 2152-2168.	2.6	61
30	Role of the cat substantia nigra pars reticulata in eye and head movements II. Effects of local pharmacological injections. Experimental Brain Research, 1985, 57, 297-304.	1.5	53
31	Neuronal activity related to eye-hand coordination in the primate premotor cortex. Experimental Brain Research, 1999, 128, 205-209.	1.5	45
32	Role of the primate striatum in attention and sensorimotor processes: comparison with premotor cortex. NeuroReport, 1995, 6, 1177-1181.	1.2	43
33	Neuronal activity in the monkey striatum during conditional visuomotor learning. Experimental Brain Research, 2003, 153, 190-196.	1.5	40
34	Conditional visuo-motor learning in primates: a key role for the basal ganglia. Journal of Physiology (Paris), 2003, 97, 567-579.	2.1	40
35	Hand position modulates saccadic activity in the frontal eye field. Behavioural Brain Research, 2008, 186, 148-153.	2.2	39
36	Vicarious Neural Processing of Outcomes during Observational Learning. PLoS ONE, 2013, 8, e73879.	2.5	38

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37	Learning by observation in rhesus monkeys. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 243-248.	1.9	28
38	Social and asocial prefrontal cortex neurons: a new look at social facilitation and the social brain. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1241-1248.	3.0	27
39	Insight in schizophrenia: From conceptualization to neuroscience. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 167-179.	1.8	24
40	Neurophysiological correlates of visuo-motor learning through mental and physical practice. <i>Neuropsychologia</i> , 2014, 55, 6-14.	1.6	24
41	Prehension movements in the macaque monkey: effects of perturbation of object size and location. <i>Experimental Brain Research</i> , 2006, 169, 182-193.	1.5	22
42	Advanced Parkinson's disease effect on goal-directed and habitual processes involved in visuomotor associative learning. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 351.	2.0	22
43	Encoding behavioral context in recurrent networks of the fronto-striatal system: a simulation study. <i>Cognitive Brain Research</i> , 1997, 6, 53-65.	3.0	20
44	Functional connectivity during real vs imagined visuomotor tasks: an EEG study. <i>NeuroReport</i> , 2004, 15, 637-642.	1.2	20
45	Activity of neurons in the cat substantia nigra pars reticulata during drinking. <i>Experimental Brain Research</i> , 1985, 60, 375-9.	1.5	19
46	Social Learning as a Way to Overcome Choice-Induced Preferences? Insights from Humans and Rhesus Macaques. <i>Frontiers in Neuroscience</i> , 2012, 6, 127.	2.8	18
47	Role of Anterior Cingulate Cortex in Instrumental Learning: Blockade of Dopamine D1 Receptors Suppresses Overt but Not Covert Learning. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 82.	2.0	17
48	I learned from what you did: Retrieving visuomotor associations learned by observation. <i>NeuroImage</i> , 2008, 42, 1207-1213.	4.2	15
49	Hand Modulation of Visual, Preparatory, and Saccadic Activity in the Monkey Frontal Eye Field. <i>Cerebral Cortex</i> , 2011, 21, 853-864.	2.9	15
50	Hand Position Affects Saccadic Reaction Times in Monkeys and Humans. <i>Journal of Neurophysiology</i> , 2008, 99, 2194-2202.	1.8	13
51	Learning by observation in the macaque monkey under high experimental constraints. <i>Behavioural Brain Research</i> , 2015, 289, 141-148.	2.2	12
52	Conditional visuo-motor learning and dimension reduction. <i>Cognitive Processing</i> , 2006, 7, 95-104.	1.4	8
53	Estimating the hidden learning representations. <i>Journal of Physiology (Paris)</i> , 2007, 101, 110-117.	2.1	2
54	Tobacco status, impulsivity, and the five-factor of the PANSS in paranoid schizophrenia. <i>Journal of Forensic Psychiatry and Psychology</i> , 2018, 29, 308-322.	1.0	0