

Boubker Zaaimi

List of Publications by Year in descending order

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15
papers

972
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in descending motor pathway connectivity after corticospinal tract lesion in macaque monkey. <i>Brain</i> , 2012, 135, 2277-2289.	7.6	285
2	Beta-band intermuscular coherence: a novel biomarker of upper motor neuron dysfunction in motor neuron disease. <i>Brain</i> , 2012, 135, 2849-2864.	7.6	110
3	NIRS-measured oxy- and deoxyhemoglobin changes associated with EEG spike-and-wave discharges in children. <i>Epilepsia</i> , 2008, 49, 1871-1880.	5.1	95
4	Reticular formation responses to magnetic brain stimulation of primary motor cortex. <i>Journal of Physiology</i> , 2012, 590, 4045-4060.	2.9	83
5	Pathways mediating functional recovery. <i>Progress in Brain Research</i> , 2015, 218, 389-412.	1.4	79
6	Competition with Primary Sensory Afferents Drives Remodeling of Corticospinal Axons in Mature Spinal Motor Circuits. <i>Journal of Neuroscience</i> , 2016, 36, 193-203.	3.6	71
7	Different contributions of primary motor cortex, reticular formation, and spinal cord to fractionated muscle activation. <i>Journal of Neurophysiology</i> , 2018, 119, 235-250.	1.8	43
8	Extensive Cortical Convergence to Primate Reticulospinal Pathways. <i>Journal of Neuroscience</i> , 2021, 41, 1005-1018.	3.6	39
9	Vagus nerve stimulation induces changes in respiratory sinus arrhythmia of epileptic children during sleep. <i>Epilepsia</i> , 2009, 50, 2473-2480.	5.1	30
10	Vagus Nerve Stimulation Induces Concomitant Respiratory Alterations and a Decrease in SaO ₂ in Children. <i>Epilepsia</i> , 2005, 46, 1802-1809.	5.1	29
11	Classification of Neurons in the Primate Reticular Formation and Changes after Recovery from Pyramidal Tract Lesion. <i>Journal of Neuroscience</i> , 2018, 38, 6190-6206.	3.6	28
12	NIRS-measured oxy- and deoxyhemoglobin changes associated with EEG spike-and-wave discharges in a genetic model of absence epilepsy: The GAERS. <i>Epilepsia</i> , 2010, 51, 1374-1384.	5.1	27
13	Vagus Nerve Stimulation Therapy Induces Changes in Heart Rate of Children during Sleep. <i>Epilepsia</i> , 2007, 48, 923-930.	5.1	20
14	Animal model of the short-term cardiorespiratory effects of intermittent vagus nerve stimulation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 143, 20-26.	2.8	17
15	Cardiorespiratory effects induced by vagus nerve stimulation in epileptic children. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 338-347.	2.8	16