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List of Publications by Year in descending order

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46
papers

1,078
citations

471061

17
h-index

414034

32
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46
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46
docs citations

46
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropeptide Y induces ischemic angiogenesis and restores function of ischemic skeletal muscles. <i>Journal of Clinical Investigation</i> , 2003, 111, 1853-1862.	3.9	158
2	Comparison of brain activity during different types of proprioceptive inputs: a positron emission tomography study. <i>Experimental Brain Research</i> , 2002, 143, 276-285.	0.7	120
3	Long-Term Effects of Repeated Prefrontal Cortex Transcranial Direct Current Stimulation (tDCS) on Food Craving in Normal and Overweight Young Adults. <i>Brain Stimulation</i> , 2016, 9, 826-833.	0.7	74
4	Effects on the fusimotor-muscle spindle system induced by intramuscular injections of hypertonic saline. <i>Experimental Brain Research</i> , 2002, 142, 319-326.	0.7	66
5	The Effects of Different Repetitive Transcranial Magnetic Stimulation (rTMS) Protocols on Cortical Gene Expression in a Rat Model of Cerebral Ischemic-Reperfusion Injury. <i>PLoS ONE</i> , 2015, 10, e0139892.	1.1	59
6	Transcranial magnetic stimulation and the motor learning-associated cortical plasticity. <i>Experimental Brain Research</i> , 2006, 173, 215-222.	0.7	57
7	A comparison of the effects of agonist and antagonist muscle fatigue on performance of rapid movements. <i>European Journal of Applied Physiology</i> , 1997, 76, 41-47.	1.2	43
8	Impact of Age and Sex on COVID-19 Severity Assessed From Radiologic and Clinical Findings. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 777070.	1.8	42
9	Nonlinear analysis of EEG complexity in episode and remission phase of recurrent depression. <i>International Journal of Methods in Psychiatric Research</i> , 2020, 29, e1816.	1.1	40
10	Comparison of brain activation after sustained non-fatiguing and fatiguing muscle contraction: a positron emission tomography study. <i>Experimental Brain Research</i> , 2005, 163, 65-74.	0.7	39
11	Fatigue-related depression of the feline monosynaptic gastrocnemius-soleus reflex. <i>Journal of Physiology</i> , 2004, 556, 283-296.	1.3	34
12	Changes in movement final position associated with agonist and antagonist muscle fatigue. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999, 80, 467-471.	1.2	33
13	Brain processing of tonic muscle pain induced by infusion of hypertonic saline. <i>European Journal of Pain</i> , 2005, 9, 185-194.	1.4	29
14	c-fos Expression and NADPH-d reactivity in spinal neurons after fatiguing stimulation of hindlimb muscles in the rat. <i>Brain Research</i> , 2001, 923, 91-102.	1.1	26
15	Changes in human regional cerebral blood flow following hypertonic saline induced experimental muscle pain: a positron emission tomography study. <i>Neuroscience Letters</i> , 2002, 335, 119-123.	1.0	24
16	Memory load effect in auditory verbal short-term memory task: EEG fractal and spectral analysis. <i>Experimental Brain Research</i> , 2015, 233, 3023-3038.	0.7	24
17	Effects of tDCS of Dorsolateral Prefrontal Cortex on Dual-Task Performance Involving Manual Dexterity and Cognitive Task in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 144.	1.7	23
18	NADPH-diaphorase activity and c-fos expression in medullary neurons after fatiguing stimulation of hindlimb muscles in the rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 101, 1-12.	1.4	17

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19	The immediate and delayed effects of single tDCS session over posterior parietal cortex on face-word associative memory. <i>Behavioural Brain Research</i> , 2019, 366, 88-95.	1.2	16
20	Changes in cortical inhibition during task-specific contractions in primary writing tremor patients. <i>Movement Disorders</i> , 2006, 21, 855-859.	2.2	15
21	The effects of heavy long-term exercise on ventricular myocyte shortening and intracellular Ca ²⁺ in streptozotocin-induced diabetic rat. <i>Journal of Diabetes and Its Complications</i> , 2010, 24, 278-285.	1.2	13
22	Gestational Diabetes: An Evaluation of Serum Fructosamine as a Screening Test in a High-Risk Population. <i>Gynecologic and Obstetric Investigation</i> , 2011, 71, 207-212.	0.7	13
23	Effective inhibition of substantia nigra by deep brain stimulation fails to suppress tonic epileptic seizures. <i>Neurobiology of Disease</i> , 2011, 43, 725-735.	2.1	9
24	Neuroimaging findings in a case of fluoxetine overdose. <i>Journal of Neuroradiology</i> , 2012, 39, 254-257.	0.6	9
25	Transcranial magnetic stimulation has no placebo effect on motor learning. <i>Clinical Neurophysiology</i> , 2013, 124, 1646-1651.	0.7	9
26	Changes in motor cortex excitability associated with muscle fatigue in patients with Parkinson's disease. <i>Vojnosanitetski Pregled</i> , 2013, 70, 298-303.	0.1	9
27	Predicting Age From Behavioral Test Performance for Screening Early Onset of Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 661514.	1.7	9
28	Detecting Long-Range Correlations in Time Series of Dorsal Horn Neuron Discharges. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 385-391.	1.8	8
29	Anatomical evidence that the uninjured adjacent L4 nerve plays a significant role in the development of peripheral neuropathic pain after L5 spinal nerve ligation in rats. <i>Journal of Comparative Neurology</i> , 2015, 523, 1731-1747.	0.9	7
30	Perineural application of resiniferatoxin on uninjured L3 and L4 nerves completely alleviates thermal and mechanical hypersensitivity following L5 nerve injury in rats. <i>Journal of Comparative Neurology</i> , 2020, 528, 2195-2217.	0.9	7
31	Brain Data in Pediatric Disorders of Consciousness: Special Considerations. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 49-58.	0.9	6
32	Spike discharges of skeletomotor neurons during random noise modulated transmembrane current stimulation and muscle stretch. <i>Biological Cybernetics</i> , 1994, 71, 341-348.	0.6	5
33	Proportional Changes in Cognitive Subdomains During Normal Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 673469.	1.7	5
34	Brain Morphometry and Cognitive Performance in Normal Brain Aging: Age- and Sex-Related Structural and Functional Changes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 713680.	1.7	5
35	The Effects of Prior Antagonist Muscle Vibration on Performance of Rapid Movements. <i>Journal of Electromyography and Kinesiology</i> , 1998, 8, 139-145.	0.7	4
36	Changes in cortical excitability during paired associative stimulation in Parkinson's disease patients and healthy subjects. <i>Neuroscience Research</i> , 2017, 124, 51-56.	1.0	4

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37	Membrane potential changes of skeletomotor neurons in response to random stretches of the triceps surae muscles in decerebrate cats. <i>Biological Cybernetics</i> , 1994, 71, 333-339.	0.6	3
38	Scaling analysis of bilateral hand tremor movements in essential tremor patients. <i>Journal of Neural Transmission</i> , 2011, 118, 1227-1234.	1.4	3
39	The "Journal of Functional Morphology and Kinesiology" Journal Club Series: Highlights on Recent Papers in Musculoskeletal Disorders. <i>Journal of Functional Morphology and Kinesiology</i> , 2017, 2, 10.	1.1	3
40	Heart rhythm disturbances in the neonatal alloxan-induced diabetic rat. <i>Pathophysiology</i> , 2011, 18, 185-192.	1.0	2
41	Activation of the subthalamic nucleus suppressed by high frequency stimulation: A c-Fos immunohistochemical study. <i>Brain Research</i> , 2018, 1685, 42-50.	1.1	2
42	Anatomical evidence that the uninjured adjacent L4 nerve plays a significant role in the development of peripheral neuropathic pain after L5 spinal nerve ligation in rats. <i>Journal of Comparative Neurology</i> , 2015, 523, Spc1.	0.9	1
43	A conceptual framework for plasticity in the developing brain. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 173, 57-66.	1.0	1
44	Neurophysiological Predictors of Response to Medication in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 763911.	1.1	1
45	Prognostication of incidence and severity of ischemic stroke in hot dry climate from environmental and non-environmental predictors. <i>IEEE Access</i> , 2022, , 1-1.	2.6	1
46	The "Journal of Functional Morphology and Kinesiology" Journal Club Series: Highlights on Recent Papers in Gait and Posture. <i>Journal of Functional Morphology and Kinesiology</i> , 2016, 1, 369-372.	1.1	0