

Eric A Kirk

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

189
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Firing rate trajectories of human motor units during activity-dependent muscle potentiation. <i>Journal of Applied Physiology</i> , 2022, 132, 402-412.	2.5	9
2	Motor unit firing rates during constant isometric contraction: establishing and comparing an age-related pattern among muscles. <i>Journal of Applied Physiology</i> , 2021, 130, 1903-1914.	2.5	17
3	The relationship of agonist muscle single motor unit firing rates and elbow extension limb movement kinematics. <i>Experimental Brain Research</i> , 2021, 239, 2755-2766.	1.5	3
4	Anconeus motor unit firing rates during isometric and muscle shortening contraction comparing young and very old adults. <i>Journal of Neurophysiology</i> , 2021, 126, 1122-1136.	1.8	5
5	Firing rate trajectories of human motor units during isometric ramp contractions to 10, 25 and 50% of maximal voluntary contraction. <i>Neuroscience Letters</i> , 2021, 762, 136118.	2.1	2
6	Firing rate trajectories of human occipitofrontalis motor units in response to triangular voluntary contraction intensity. <i>Experimental Brain Research</i> , 2021, 239, 3661-3670.	1.5	4
7	Structure of Population Activity in Primary Motor Cortex for Single Finger Flexion and Extension. <i>Journal of Neuroscience</i> , 2020, 40, 9210-9223.	3.6	13
8	Abnormal motor unit firing rates in chronic inflammatory demyelinating polyneuropathy. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116859.	0.6	11
9	Effect of knee joint position on triceps surae motor unit recruitment and firing rates. <i>Experimental Brain Research</i> , 2019, 237, 2345-2352.	1.5	13
10	Human motor unit characteristics of the superior trapezius muscle with age-related comparisons. <i>Journal of Neurophysiology</i> , 2019, 122, 823-832.	1.8	11
11	ATP2A2 rs3026468 does not associate with quadriceps contractile properties and acute muscle potentiation in humans. <i>Physiological Genomics</i> , 2019, 51, 10-11.	2.3	1
12	Effect of very old age on anconeus motor unit loss and compensatory remodelling. <i>Muscle and Nerve</i> , 2018, 57, 659-663.	2.2	12
13	Response to “An objective criterion for stimulation intensity may be necessary to properly assess muscle contractile properties” <i>Journal of Neurophysiology</i> , 2018, 120, 3288-3288.	1.8	0
14	Neuromuscular changes of the aged human hamstrings. <i>Journal of Neurophysiology</i> , 2018, 120, 480-488.	1.8	26
15	Contractile function and motor unit firing rates of the human hamstrings. <i>Journal of Neurophysiology</i> , 2017, 117, 243-250.	1.8	25
16	Motor unit firing rates of the gastrocnemii during maximal and sub-maximal isometric contractions in young and old men. <i>Neuroscience</i> , 2016, 330, 376-385.	2.3	27
17	Human <i>COL5A1</i> polymorphisms and quadriceps muscle “tendon mechanical stiffness <i>in vivo</i> ”. <i>Experimental Physiology</i> , 2016, 101, 1581-1592.	2.0	10