

Stephanie A Ross

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

125
citations

1307543

7
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	The Energy of Muscle Contraction. III. Kinetic Energy During Cyclic Contractions. <i>Frontiers in Physiology</i> , 2021, 12, 628819.	2.8	3
2	EMG Signals Can Reveal Information Sharing between Consecutive Pedal Cycles. <i>Medicine and Science in Sports and Exercise</i> , 2021, Publish Ahead of Print, 2436-2444.	0.4	1
3	The energy of muscle contraction. IV. Greater mass of larger muscles decreases contraction efficiency. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210484.	3.4	3
4	The Contributions of Extracellular Matrix and Sarcomere Properties to Passive Muscle Stiffness in Cerebral Palsy. <i>Frontiers in Physiology</i> , 2021, 12, 804188.	2.8	2
5	The Energy of Muscle Contraction. II. Transverse Compression and Work. <i>Frontiers in Physiology</i> , 2020, 11, 538522.	2.8	13
6	Added mass in rat plantaris muscle causes a reduction in mechanical work. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	9
7	The Energy of Muscle Contraction. I. Tissue Force and Deformation During Fixed-End Contractions. <i>Frontiers in Physiology</i> , 2020, 11, 813.	2.8	27
8	Size, History-Dependent, Activation and Three-Dimensional Effects on the Work and Power Produced During Cyclic Muscle Contractions. <i>Integrative and Comparative Biology</i> , 2018, 58, 232-250.	2.0	21
9	A modelling approach for exploring muscle dynamics during cyclic contractions. <i>PLoS Computational Biology</i> , 2018, 14, e1006123.	3.2	16
10	Effect of neck flexor muscle activation on impact velocity of the head during backward falls in young adults. <i>Clinical Biomechanics</i> , 2017, 49, 28-33.	1.2	10
11	Muscle shortening velocity depends on tissue inertia and level of activation during submaximal contractions. <i>Biology Letters</i> , 2016, 12, 20151041.	2.3	20