

# Determinants of work produced by skeletal muscle: pot relaxation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Which factors determine the optimal pedaling rate in sprint cycling?. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1927-1934.	0.2	73
2	A governing relationship for repetitive muscular contraction. <i>Journal of Biomechanics</i> , 2000, 33, 969-974.	0.9	34
3	The Neuromuscular Transform: The Dynamic, Nonlinear Link Between Motor Neuron Firing Patterns and Muscle Contraction in Rhythmic Behaviors. <i>Journal of Neurophysiology</i> , 2000, 83, 207-231.	0.9	85
4	The Neuromuscular Transform Constrains the Production of Functional Rhythmic Behaviors. <i>Journal of Neurophysiology</i> , 2000, 83, 232-259.	0.9	32
5	Muscle Activation and Deactivation Dynamics: The Governing Properties in Fast Cyclical Human Movement Performance?. <i>Exercise and Sport Sciences Reviews</i> , 2001, 29, 76-81.	1.6	54
6	Pedal trajectory alters maximal single-leg cycling power. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1332-1336.	0.2	21
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8	Fatigue and recovery of dynamic and steady-state performance in frog skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R916-R926.	0.9	13
9	Force-velocity properties of two avian hindlimb muscles. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2004, 137, 711-721.	0.8	63
10	Contractile abilities of normal and <i>œmini</i> triceps surae muscles from mice ( <i>Mus domesticus</i> ) selectively bred for high voluntary wheel running. <i>Journal of Applied Physiology</i> , 2005, 99, 1308-1316.	1.2	52
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13	Scaling of contractile properties of catfish feeding muscles. <i>Journal of Experimental Biology</i> , 2007, 210, 1183-1193.	0.8	41
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15	Muscle Power. <i>Exercise and Sport Sciences Reviews</i> , 2007, 35, 74-81.	1.6	12
17	Influence of resistive load on power output and fatigue during intermittent sprint cycling exercise in children. <i>European Journal of Applied Physiology</i> , 2007, 101, 313-320.	1.2	15
18	Explosive Jumping: Extreme Morphological and Physiological Specializations of Australian Rocket Frogs ( <i>Litoria nasuta</i> ). <i>Physiological and Biochemical Zoology</i> , 2008, 81, 176-185.	0.6	41
19	Plasticity of muscle function in a thermoregulating ectotherm ( <i>Crocodylus porosus</i> ): biomechanics and metabolism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1024-R1032.	0.9	22

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20	Motor unit recruitment patterns 1: responses to changes in locomotor velocity and incline. <i>Journal of Experimental Biology</i> , 2008, 211, 1882-1892.	0.8	36
21	Effect of stimulation frequency on force, net power output, and fatigue in mouse soleus muscle in vitro. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 203-210.	0.7	15
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23	Influence of crank length and crank width on maximal hand cycling power and cadence. <i>European Journal of Applied Physiology</i> , 2009, 106, 749-757.	1.2	25
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31	Early deactivation of slower muscle fibres at high movement frequencies. <i>Journal of Experimental Biology</i> , 2014, 217, 3528-34.	0.8	14
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34	Unconstrained muscle-tendon workloops indicate resonance tuning as a mechanism for elastic limb behavior during terrestrial locomotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5891-8.	3.3	30
35	Timing matters: tuning the mechanics of a muscle-tendon unit by adjusting stimulation phase during cyclic contractions. <i>Journal of Experimental Biology</i> , 2015, 218, 3150-9.	0.8	32
36	Effects of Pedal Speed and Crank Length on Pedaling Mechanics during Submaximal Cycling. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 705-713.	0.2	15
37	The Relationship between Pedal Force and Crank Angular Velocity in Sprint Cycling. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 869-878.	0.2	15

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39	Does a two-element muscle model offer advantages when estimating ankle plantar flexor forces during human cycling?. Journal of Biomechanics, 2018, 68, 6-13.	0.9	12
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41	A modelling approach for exploring muscle dynamics during cyclic contractions. PLoS Computational Biology, 2018, 14, e1006123.	1.5	16
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