

Natalie C Holt

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

371
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method for investigating the collective behaviour of fish: introducing "Robofish"™. Behavioral Ecology and Sociobiology, 2010, 64, 1211-1218.	1.4	153
2	Stuck in gear: age-related loss of variable gearing in skeletal muscle. Journal of Experimental Biology, 2016, 219, 998-1003.	1.7	62
3	The energetic benefits of tendon springs in running: is the reduction of muscle work important?. Journal of Experimental Biology, 2014, 217, 4365-71.	1.7	42
4	What drives activation-dependent shifts in the force-length curve?. Biology Letters, 2014, 10, 20140651.	2.3	38
5	The Multi-Scale, Three-Dimensional Nature of Skeletal Muscle Contraction. Physiology, 2019, 34, 402-408.	3.1	34
6	Modeling age-related changes in muscle-tendon dynamics during cyclical contractions in the rat gastrocnemius. Journal of Applied Physiology, 2016, 121, 1004-1012.	2.5	13
7	The effects of asymmetric length trajectories on the initial mechanical efficiency of mouse soleus muscles. Journal of Experimental Biology, 2012, 215, 324-330.	1.7	12
8	In vivo force-length and activation dynamics of two distal rat hindlimb muscles in relation to gait and grade. Journal of Experimental Biology, 2019, 222, .	1.7	11
9	Beyond bouncy gaits: The role of multiscale compliance in skeletal muscle performance. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2020, 333, 50-59.	1.9	6