Natalie C Holt

List of Publications by Year
in descending order

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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	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
2	The Multi-Scale, Three-Dimensional Nature of Skeletal Muscle Contraction. Physiology, 2019, 34, 402-408.	3.1	34
3	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
4	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
5	Stuck in gear: age-related loss of variable gearing in skeletal muscle. Journal of Experimental Biology, 2016, 219, 998-1003.	1.7	62
6	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
7	What drives activation-dependent shifts in the forceâ€“length curve?. Biology Letters, 2014, 10, 20140651.	2.3	38
8	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
9	A novel method for investigating the collective behaviour of fish: introducing â€˜Robofishâ€™. Behavioral Ecology and Sociobiology, 2010, 64, 1211-1218.	1.4	153