

David V Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10914916/publications.pdf>

Version: 2024-02-01

21
papers

723
citations

566801

15
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Climbing parrots achieve pitch stability using forces and free moments produced by axialâ€”appendicular couples. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	14
2	Tunnel-tube and Fourier methods for measuring three-dimensional medium reaction force in burrowing animals. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	3
3	Linking Gait Dynamics to Mechanical Cost of Legged Locomotion. <i>Frontiers in Robotics and AI</i> , 2018, 5, 111.	2.0	5
4	Scaling of the Spring in the Leg during Bouncing Gaits of Mammals. <i>Integrative and Comparative Biology</i> , 2014, 54, 1099-1108.	0.9	16
5	Modulation of joint moments and work in the goat hindlimb with locomotor speed and surface grade. <i>Journal of Experimental Biology</i> , 2013, 216, 2201-12.	0.8	24
6	A comparative collision-based analysis of human gait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131779.	1.2	24
7	Collision-based mechanics of bipedal hopping. <i>Biology Letters</i> , 2013, 9, 20130418.	1.0	9
8	A collisional perspective on quadrupedal gait dynamics. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1480-1486.	1.5	47
9	BigDog-Inspired Studies in the Locomotion of Goats and Dogs. <i>Integrative and Comparative Biology</i> , 2011, 51, 190-202.	0.9	34
10	Effects of grade and mass distribution on the mechanics of trotting in dogs. <i>Journal of Experimental Biology</i> , 2011, 214, 402-411.	0.8	38
11	Dynamics of goat distal hind limb muscleâ€”tendon function in response to locomotor grade. <i>Journal of Experimental Biology</i> , 2009, 212, 2092-2104.	0.8	42
12	Compliance, actuation, and work characteristics of the goat foreleg and hindleg during level, uphill, and downhill running. <i>Journal of Applied Physiology</i> , 2008, 104, 130-141.	1.2	47
13	Differential muscle function between muscle synergists: long and lateral heads of the triceps in jumping and landing goats (<i>Capra hircus</i>). <i>Journal of Applied Physiology</i> , 2008, 105, 1262-1273.	1.2	14
14	Directionally compliant legs influence the intrinsic pitch behaviour of a trotting quadruped. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 567-572.	1.2	32
15	Effects of mass distribution on the mechanics of level trotting in dogs. <i>Journal of Experimental Biology</i> , 2004, 207, 1715-1728.	0.8	90
16	Function of the oblique hypaxial muscles in trotting dogs. <i>Journal of Experimental Biology</i> , 2001, 204, 2371-2381.	0.8	25
17	Influence of increased rotational inertia on the turning performance of humans. <i>Journal of Experimental Biology</i> , 2001, 204, 3927-3934.	0.8	28
18	External forces and torques generated by the brachiating white-handed gibbon (<i>Hylobates lar</i>). <i>American Journal of Physical Anthropology</i> , 2000, 113, 201-216.	2.1	64

#	ARTICLE	IF	CITATIONS
19	Fourier analysis of acetabular shape in Native American Arikara populations before and after acquisition of horses. American Journal of Physical Anthropology, 2000, 113, 473-480.	2.1	18
20	Comparison of the trotting gaits of Labrador Retrievers and Greyhounds. American Journal of Veterinary Research, 2000, 61, 832-838.	0.3	148
21	External forces and torques generated by the brachiating white-handed gibbon (<i>Hylobates lar</i>). , 2000, 113, 201.		1