

Jan Stenum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2436890/publications.pdf>

Version: 2024-02-01

23
papers

229
citations

1684188

5
h-index

1588992

8
g-index

25
all docs

25
docs citations

25
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Gusty winds, flappy wings. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	0
2	Two-dimensional video-based analysis of human gait using pose estimation. <i>PLoS Computational Biology</i> , 2021, 17, e1008935.	3.2	112
3	A steady tick for a cool alligator heart. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	0
4	Disentangling the energetic costs of step time asymmetry and step length asymmetry in human walking. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	8
5	An agile tail is a boon in trees. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	0
6	Gliding geckos snap their tail to stick the landing. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	0
7	Applications of Pose Estimation in Human Health and Performance across the Lifespan. <i>Sensors</i> , 2021, 21, 7315.	3.8	41
8	Video-based quantification of human movement frequency using pose estimation: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0261450.	2.5	8
9	Step time asymmetry but not step length asymmetry is adapted to optimize energy cost of split-belt treadmill walking. <i>Journal of Physiology</i> , 2020, 598, 4063-4078.	2.9	28
10	Ingenious ants reinvent the wheel. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	0
11	Birds keep their balance underfoot. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	0
12	Whoosh! Springy-bounce spider webs. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	0
13	Different strokes for balanced birds. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	0
14	Stretch-induced force bursts simplify stick insects' leg swing. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
15	Smart suit reduces energy of both walking and running. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
16	Snakes diffract like a light ray to put them on the right track. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
17	Walkers take advantage of energy savings on split treadmills. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
18	Local dynamic stability during treadmill walking can detect children with developmental coordination disorder. <i>Gait and Posture</i> , 2018, 59, 99-103.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Size slows animals' response to surprise. Journal of Experimental Biology, 2018, 221, .	1.7	0
20	To stroll or to sprint? Humans consider time and effort. Journal of Experimental Biology, 2018, 221, .	1.7	0
21	Midbrain puts the pace in mice. Journal of Experimental Biology, 2018, 221, .	1.7	0
22	Slow swimming exhausts fish. Journal of Experimental Biology, 2018, 221, .	1.7	1
23	Neuromuscular effort predicts walk-run transition speed in normal and adapted human gaits. Journal of Experimental Biology, 2016, 219, 2809-2813.	1.7	6