

S Tonia Hsieh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8250363/publications.pdf>

Version: 2024-02-01

17
papers

2,888
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

3101
citing authors

#	ARTICLE	IF	CITATIONS
1	Autotomy-induced effects on the locomotor performance of the ghost crab <i>Ocypode quadrata</i> . Journal of Experimental Biology, 2021, 224, .	1.7	2
2	Early amphibians evolved distinct vertebrae for habitat invasions. PLoS ONE, 2021, 16, e0251983.	2.5	7
3	Effect of two parallel intruders on total work during granular penetrations. Physical Review E, 2021, 104, 024902.	2.1	7
4	Many ways to land upright: novel righting strategies allow spotted lanternfly nymphs to land on diverse substrates. Journal of the Royal Society Interface, 2021, 18, 20210367.	3.4	6
5	Dynamic jamming of dense suspensions under tilted impact. Physical Review Fluids, 2019, 4, .	2.5	12
6	Benefits and limitations of three-dimensional printing technology for ecological research. BMC Ecology, 2018, 18, 32.	3.0	23
7	Limping following limb loss increases locomotor stability. Journal of Experimental Biology, 2018, 221, .	1.7	15
8	Tail loss and narrow surfaces decrease locomotor stability in the arboreal green anole lizard (<i>Anolis carolinensis</i>). Journal of Experimental Biology, 2015, 219, 364-73.	1.7	19
9	Vertebrate Land Invasions-Past, Present, and Future: An Introduction to the Symposium. Integrative and Comparative Biology, 2013, 53, 192-196.	2.0	48
10	Thrash, Flip, or Jump: The Behavioral and Functional Continuum of Terrestrial Locomotion in Teleost Fishes. Integrative and Comparative Biology, 2013, 53, 295-306.	2.0	54
11	Multi-functional foot use during running in the zebra-tailed lizard (<i>Callisaurus draconoides</i>). Journal of Experimental Biology, 2012, 215, 3293-308.	1.7	64
12	A Highly Social, Land-Dwelling Fish Defends Territories in a Constantly Fluctuating Environment. Ethology, 2011, 117, 918-927.	1.1	24
13	A Locomotor Innovation Enables Water-Land Transition in a Marine Fish. PLoS ONE, 2010, 5, e11197.	2.5	58
14	Three-axis optical force plate for studies in small animal locomotor mechanics. Review of Scientific Instruments, 2006, 77, 054303.	1.3	5
15	Running on water: Three-dimensional force generation by basilisk lizards. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16784-16788.	7.1	92
16	Three-dimensional hindlimb kinematics of water running in the plumed basilisk lizard (<i>Basiliscus</i>)	1.7	63
17	Adhesive force of a single gecko foot-hair. Nature, 2000, 405, 681-685.	27.8	2,387