

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 | Adhesive force of a single gecko foot-hair. <i>Nature</i> , 2000, 405, 681-685. | 27.8 | 2,387 |
| 2 | Running on water: Three-dimensional force generation by basilisk lizards. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16784-16788. | 7.1 | 92 |
| 3 | Multi-functional foot use during running in the zebra-tailed lizard (<i>Callisaurus draconoides</i>). <i>Journal of Experimental Biology</i> , 2012, 215, 3293-308. | 1.7 | 64 |
| 4 | Three-dimensional hindlimb kinematics of water running in the plumed basilisk lizard (<i>Basiliscus</i>). <i>Journal of Experimental Biology</i> , 2010, 213, 1075-1083. | 1.7 | 63 |
| 5 | A Locomotor Innovation Enables Water-Land Transition in a Marine Fish. <i>PLoS ONE</i> , 2010, 5, e11197. | 2.5 | 58 |
| 6 | Thrash, Flip, or Jump: The Behavioral and Functional Continuum of Terrestrial Locomotion in Teleost Fishes. <i>Integrative and Comparative Biology</i> , 2013, 53, 295-306. | 2.0 | 54 |
| 7 | Vertebrate Land Invasions-Past, Present, and Future: An Introduction to the Symposium. <i>Integrative and Comparative Biology</i> , 2013, 53, 192-196. | 2.0 | 48 |
| 8 | A Highly Social, Land-Dwelling Fish Defends Territories in a Constantly Fluctuating Environment. <i>Ethology</i> , 2011, 117, 918-927. | 1.1 | 24 |
| 9 | Benefits and limitations of three-dimensional printing technology for ecological research. <i>BMC Ecology</i> , 2018, 18, 32. | 3.0 | 23 |
| 10 | Tail loss and narrow surfaces decrease locomotor stability in the arboreal green anole lizard (<i>Anolis carolinensis</i>). <i>Journal of Experimental Biology</i> , 2015, 219, 364-73. | 1.7 | 19 |
| 11 | Limping following limb loss increases locomotor stability. <i>Journal of Experimental Biology</i> , 2018, 221, . | 1.7 | 15 |
| 12 | Dynamic jamming of dense suspensions under tilted impact. <i>Physical Review Fluids</i> , 2019, 4, . | 2.5 | 12 |
| 13 | Early amphibians evolved distinct vertebrae for habitat invasions. <i>PLoS ONE</i> , 2021, 16, e0251983. | 2.5 | 7 |
| 14 | Effect of two parallel intruders on total work during granular penetrations. <i>Physical Review E</i> , 2021, 104, 024902. | 2.1 | 7 |
| 15 | Many ways to land upright: novel righting strategies allow spotted lanternfly nymphs to land on diverse substrates. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210367. | 3.4 | 6 |
| 16 | Three-axis optical force plate for studies in small animal locomotor mechanics. <i>Review of Scientific Instruments</i> , 2006, 77, 054303. | 1.3 | 5 |
| 17 | Autotomy-induced effects on the locomotor performance of the ghost crab <i>Ocypode quadrata</i> . <i>Journal of Experimental Biology</i> , 2021, 224, . | 1.7 | 2 |