

Yasufumi Yamada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8936284/publications.pdf>

Version: 2024-02-01

11
papers

103
citations

1937685

4
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive beam-width control of echolocation sounds by CF-FM bats, <i>Rhinolophus ferrumequinum nippon</i> , during prey-capture flight. <i>Journal of Experimental Biology</i> , 2013, 216, 1210-1218.	1.7	56
2	Species-specific control of acoustic gaze by echolocating bats, <i>Rhinolophus ferrumequinum nippon</i> and <i>Pipistrellus abramus</i> , during flight. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 791-801.	1.6	13
3	Modulation of acoustic navigation behaviour by spatial learning in the echolocating bat <i>Rhinolophus ferrumequinum nippon</i> . <i>Scientific Reports</i> , 2020, 10, 10751.	3.3	9
4	STEFTR: A Hybrid Versatile Method for State Estimation and Feature Extraction From the Trajectory of Animal Behavior. <i>Frontiers in Neuroscience</i> , 2019, 13, 626.	2.8	8
5	Ultrasound navigation based on minimally designed vehicle inspired by the bio-sonar strategy of bats. <i>Advanced Robotics</i> , 2019, 33, 169-182.	1.8	4
6	Nonlinear dynamics in free flight of an echolocating bat. <i>Nonlinear Theory and Its Applications IEICE</i> , 2015, 6, 313-328.	0.6	3
7	Localization of Flying Bats from Multichannel Audio Signals by Estimating Location Map with Convolutional Neural Networks. <i>Journal of Robotics and Mechatronics</i> , 2021, 33, 515-525.	1.0	2
8	Analysis of echolocation behavior of bats in "echo space" using acoustic simulation. <i>BMC Biology</i> , 2022, 20, 59.	3.8	2
9	Investigation of acoustic gaze strategy by <i>Pipistrellus abramus</i> and <i>Rhinolophus ferrumequinum nippon</i> during obstacle avoidance flight. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	1
10	Obstacle avoidance navigation system for cheap design sensing inspired by bio-sonar navigation of bats. , 2017, , .		1
11	3D Acoustic Localization Based on Echolocation Strategy of Bats. , 2020, , .		0