

# 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

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1372567

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17  
all docs

17  
docs citations

17  
times ranked

113  
citing authors

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