

# Masato S Abe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2618593/publications.pdf>

Version: 2024-02-01

23  
papers

312  
citations

1039880

9  
h-index

1058333

14  
g-index

32  
all docs

32  
docs citations

32  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical-Mediated Microbial Interactions Can Reduce the Effectiveness of Time-Series-Based Inference of Ecological Interaction Networks. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1228.	1.2	4
2	Bipartite network analysis of ant-task associations reveals task groups and absence of colonial daily activity. <i>Royal Society Open Science</i> , 2021, 8, 201637.	1.1	1
3	Amplitude of circadian rhythms becomes weakened in the north, but there is no cline in the period of rhythm in a beetle. <i>PLoS ONE</i> , 2021, 16, e0245115.	1.1	10
4	Scaling laws in natural conversations among elderly people. <i>PLoS ONE</i> , 2021, 16, e0246884.	1.1	2
5	Cognitive Intervention Through Photo-Integrated Conversation Moderated by Robots (PICMOR) Program: A Randomized Controlled Trial. <i>Frontiers in Robotics and AI</i> , 2021, 8, 633076.	2.0	25
6	Individual Ants Do Not Show Activity-Rest Rhythms in Nest Conditions. <i>Journal of Biological Rhythms</i> , 2021, 36, 297-310.	1.4	7
7	Older Adult Mild Cognitive Impairment Prediction from Multiscale Entropy EEG Patterns in Reminiscent Interior Image Working Memory Paradigm. , 2021, 2021, 6345-6348.		6
8	Neurotechnology and AI Approach for Early Dementia Onset Biomarker from EEG in Emotional Stimulus Evaluation Task. , 2021, 2021, 6675-6678.		6
9	Functional advantages of Lévy walks emerging near a critical point. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24336-24344.	3.3	24
10	Classifying Mild Cognitive Impairment from Behavioral Responses in Emotional Arousal and Valence Evaluation Task – AI Approach for Early Dementia Biomarker in Aging Societies –. , 2020, 2020, 5537-5543.		17
11	Genetic variation and phenotypic plasticity in circadian rhythms in an armed beetle, <i>Gnatocerus cornutus</i> (Tenebrionidae). <i>Biological Journal of the Linnean Society</i> , 2020, 130, 34-40.	0.7	4
12	Scoring Species for Synthetic Community Design: Network Analyses of Functional Core Microbiomes. <i>Frontiers in Microbiology</i> , 2020, 11, 1361.	1.5	26
13	Observation of plugging behaviour reveals entrance-guarding schedule of morphologically specialized caste in <i>Colobopsis nipponicus</i> . <i>Ethology</i> , 2019, 125, 526-534.	0.5	6
14	Brain Correlates of Task-Load and Dementia Elucidation with Tensor Machine Learning Using Oddball BCI Paradigm. , 2019, , .		10
15	Ant activity-rest rhythms vary with age and interaction frequencies of workers. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	20
16	Ant circadian activity associated with brood care type. <i>Biology Letters</i> , 2017, 13, 20160743.	1.0	32
17	Optimizing mating encounters by sexually dimorphic movements. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170086.	1.5	21
18	Anomalous diffusion on the servosphere: A potential tool for detecting inherent organismal movement patterns. <i>PLoS ONE</i> , 2017, 12, e0177480.	1.1	33

#	ARTICLE	IF	CITATIONS
19	Quantification and Analysis on Animal Social Behavior. Journal of the Robotics Society of Japan, 2017, 35, 455-458.	0.0	3
20	Does the host's developmental stage affect host preference following an ovipositioning experience in <i>Heterospilus prosopidis</i> ?. Entomologia Experimentalis Et Applicata, 2016, 161, 57-64.	0.7	3
21	Why Walks Suboptimal under Predation Risk. PLoS Computational Biology, 2015, 11, e1004601.	1.5	16
22	Global network structure of dominance hierarchy of ant workers. Journal of the Royal Society Interface, 2014, 11, 20140599.	1.5	28
23	Artificial selections for death-feigning behavior in beetles show correlated responses in amplitude of circadian rhythms, but the period of the rhythm does not. Ethology, 0, .	0.5	1