

Masato S Abe

List of Publications by Year in descending order

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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	Anomalous diffusion on the servosphere: A potential tool for detecting inherent organismal movement patterns. <i>PLoS ONE</i> , 2017, 12, e0177480.	1.1	33
2	Ant circadian activity associated with brood care type. <i>Biology Letters</i> , 2017, 13, 20160743.	1.0	32
3	Global network structure of dominance hierarchy of ant workers. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140599.	1.5	28
4	Scoring Species for Synthetic Community Design: Network Analyses of Functional Core Microbiomes. <i>Frontiers in Microbiology</i> , 2020, 11, 1361.	1.5	26
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	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
7	Optimizing mating encounters by sexually dimorphic movements. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170086.	1.5	21
8	Ant activity-rest rhythms vary with age and interaction frequencies of workers. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	20
9	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
10	Lévy Walks Suboptimal under Predation Risk. <i>PLoS Computational Biology</i> , 2015, 11, e1004601.	1.5	16
11	Brain Correlates of Task Load and Dementia Elucidation with Tensor Machine Learning Using Oddball BCI Paradigm. , 2019, , .		10
12	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
13	Individual Ants Do Not Show Activity-Rest Rhythms in Nest Conditions. <i>Journal of Biological Rhythms</i> , 2021, 36, 297-310.	1.4	7
14	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
15	Older Adult Mild Cognitive Impairment Prediction from Multiscale Entropy EEG Patterns in Reminiscent Interior Image Working Memory Paradigm. , 2021, 2021, 6345-6348.		6
16	Neurotechnology and AI Approach for Early Dementia Onset Biomarker from EEG in Emotional Stimulus Evaluation Task. , 2021, 2021, 6675-6678.		6
17	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
18	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

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19	Does the host's developmental stage affect host preference following an ovipositioning experience in <i>Heterospilus prosopidis</i> ? <i>Entomologia Experimentalis Et Applicata</i> , 2016, 161, 57-64.	0.7	3
20	Quantification and Analysis on Animal Social Behavior. <i>Journal of the Robotics Society of Japan</i> , 2017, 35, 455-458.	0.0	3
21	Scaling laws in natural conversations among elderly people. <i>PLoS ONE</i> , 2021, 16, e0246884.	1.1	2
22	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
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. <i>Ethology</i> , 0, , .	0.5	1