

Kentarou Matsumura

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

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citations

1040056

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36
all docs

36
docs citations

36
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopaminergic system as the mechanism underlying personality in a beetle. <i>Journal of Insect Physiology</i> , 2012, 58, 750-755.	2.0	45
2	Differences in Attack Avoidance and Mating Success between Strains Artificially Selected for Dispersal Distance in <i>Tribolium castaneum</i> . <i>PLoS ONE</i> , 2015, 10, e0127042.	2.5	31
3	Death feigning as an adaptive anti-predator behaviour: Further evidence for its evolution from artificial selection and natural populations. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1120-1128.	1.7	30
4	Correlated responses in death-feigning behavior, activity, and brain biogenic amine expression in red flour beetle <i>Tribolium castaneum</i> strains selected for walking distance. <i>Journal of Ethology</i> , 2016, 34, 97-105.	0.8	24
5	Transcriptomic comparison between beetle strains selected for short and long durations of death feigning. <i>Scientific Reports</i> , 2019, 9, 14001.	3.3	20
6	Responses to relaxed and reverse selection in strains artificially selected for duration of death-feigning behavior in the red flour beetle, <i>Tribolium castaneum</i> . <i>Journal of Ethology</i> , 2018, 36, 161-168.	0.8	18
7	Decoupling of Behavioral Trait Correlation Across Life Stages in Two Holometabolous Insects. <i>Behavior Genetics</i> , 2017, 47, 459-467.	2.1	16
8	Costs of walking: differences in egg size and starvation resistance of females between strains of the red flour beetle (<i>Tribolium castaneum</i>) artificially selected for walking ability. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1632-1637.	1.7	15
9	Arousal from Tonic Immobility by Vibration Stimulus. <i>Behavior Genetics</i> , 2019, 49, 478-483.	2.1	11
10	Artificial selection on walking distance suggests a mobility-sperm competitiveness trade-off. <i>Behavioral Ecology</i> , 2019, 30, 1522-1529.	2.2	11
11	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.	2.5	10
12	Pace of life: Relationships among locomotor activity, life history, and circadian rhythm in the assassin bug, <i>Amphibolus venator</i> . <i>Ethology</i> , 2019, 125, 127-132.	1.1	9
13	An empirical test of the bet-hedging polyandry hypothesis: Female red flour beetles avoid extinction via multiple mating. <i>Ecology and Evolution</i> , 2021, 11, 5295-5304.	1.9	9
14	Anti-predator behaviour depends on male weapon size. <i>Biology Letters</i> , 2020, 16, 20200601.	2.3	7
15	Arousal from death feigning by vibrational stimuli: comparison of <i>Tribolium</i> species. <i>Journal of Ethology</i> , 2021, 39, 107-113.	0.8	5
16	Cross-species behavior analysis with attention-based domain-adversarial deep neural networks. <i>Nature Communications</i> , 2021, 12, 5519.	12.8	5
17	Responses to artificial selection for locomotor activity: A focus on death feigning in red flour beetle. <i>Journal of Evolutionary Biology</i> , 2022, 35, 855-867.	1.7	5
18	Effects of temperature during successive generations on life-history traits in a seed beetle <i>Callosobruchus chinensis</i> (Chrysomelidae: Coleoptera). <i>Applied Entomology and Zoology</i> , 2019, 54, 459-464.	1.2	4

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19	Influence of artificial selection for duration of death feigning on pre- and post-copulatory traits in male <i>Tribolium castaneum</i> . <i>Journal of Ethology</i> , 2019, 37, 265-270.	0.8	4
20	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.	1.6	4
21	Genomic characterization between strains selected for death-feigning duration for avoiding attack of a beetle. <i>Scientific Reports</i> , 2021, 11, 21816.	3.3	4
22	Genetic link between mobility and sexual attractiveness in male <i>Tribolium castaneum</i> beetles. <i>Animal Behaviour</i> , 2022, 188, 111-117.	1.9	4
23	Lines selected for different durations of tonic immobility have different leg lengths in the red flour beetle <i>Tribolium castaneum</i> . <i>Behaviour</i> , 2019, 157, 17-31.	0.8	3
24	Freezing or death feigning? Beetles selected for long death feigning showed different tactics against different predators. <i>Ecology and Evolution</i> , 2022, 12, e8533.	1.9	3
25	Effects of caffeine on mating behavior and sperm precedence in <i>Tribolium castaneum</i> . <i>Ethology</i> , 2021, 127, 45-49.	1.1	2
26	Age-dependent walking and feeding of the assassin bug <i>Amphibolus venator</i> . <i>Behaviour</i> , 2021, 158, 123-133.	0.8	2
27	Swarming and mating behavior in <i>Ephemera orientalis</i> Mclachlan, 1875 (Ephemeroptera: Ephemeridae) with morphological analyses. <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 376-382.	0.9	2
28	Relationship between death-feigning behavior and population density in a beetle. <i>Journal of Ethology</i> , 2021, 39, 363-367.	0.8	1
29	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, , .	1.1	1
30	Effects of individual differences in the locomotor activity of assassin bugs on predator-prey interactions. <i>Ethology</i> , 0, , .	1.1	0