

# Takahisa Miyatake

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

4,264  
citations

117625

34  
h-index

161849

54  
g-index

170  
all docs

170  
docs citations

170  
times ranked

2466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of mating, egg production and death rates in females of the Mediterranean fruitfly, <i>Ceratitis capitata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1879-1894.	2.6	205
2	ERADICATION OF THE MELONFLY, <i>BACTROCERA CUCURBITAE</i> , IN JAPAN: Importance of Behavior, Ecology, Genetics, and Evolution. <i>Annual Review of Entomology</i> , 2004, 49, 331-349.	11.8	195
3	Is death-feigning adaptive? Heritable variation in fitness difference of death-feigning behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2293-2296.	2.6	172
4	Intralocus Sexual Conflict Unresolved by Sex-Limited Trait Expression. <i>Current Biology</i> , 2010, 20, 2036-2039.	3.9	110
5	Mating-induced inhibition of remating in female Mediterranean fruit flies <i>Ceratitis capitata</i> . <i>Journal of Insect Physiology</i> , 1999, 45, 1021-1028.	2.0	102
6	Pleiotropic antipredator strategies, fleeing and feigning death, correlated with dopamine levels in <i>Tribolium castaneum</i> . <i>Animal Behaviour</i> , 2008, 75, 113-121.	1.9	98
7	Drop or fly? Negative genetic correlation between death-feigning intensity and flying ability as alternative anti-predator strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 555-560.	2.6	75
8	Costs of mating and egg production in female <i>Callosobruchus chinensis</i> . <i>Journal of Insect Physiology</i> , 2003, 49, 823-827.	2.0	71
9	Effects of temperature on mating duration, sperm transfer and remating frequency in <i>Callosobruchus chinensis</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 113-116.	2.0	71
10	The period gene and allochronic reproductive isolation in <i>Bactrocera cucurbitae</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2467-2472.	2.6	70
11	Diurnal Periodicity of Death-Feigning in <i>Cylas formicarius</i> (Coleoptera: Brentidae). <i>Journal of Insect Behavior</i> , 2001, 14, 421-432.	0.7	67
12	Genetic changes of life history and behavioral traits during mass-rearing in the melon Fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Researches on Population Ecology</i> , 1998, 40, 301-310.	0.9	66
13	Tonically immobilized selfish prey can survive by sacrificing others. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2763-2767.	2.6	64
14	Genetic correlations between weapons, body shape and fighting behaviour in the horned beetle <i>Gnatocerus cornutus</i> . <i>Animal Behaviour</i> , 2009, 77, 1057-1065.	1.9	63
15	Correlated responses to selection for developmental period in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Evolution</i> , 2014, 68, 1414-1421.	0.7843	61
16	Intra-specific variation in female remating in <i>Callosobruchus chinensis</i> and <i>C. maculatus</i> . <i>Journal of Insect Physiology</i> , 2004, 50, 403-408.	2.0	61
17	Dispersal and ejaculatory strategies associated with exaggeration of weapon in an armed beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1705-1710.	2.6	61
18	Egg Laying Preference, Larval Dispersion, and Cannibalism in <i>Helicoverpa armigera</i> (Lepidoptera: Tortricidae). <i>Evolution</i> , 2000, 54, 1000-1006.	2.5	60

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19	Effects of Starvation on Death-Feigning in Adults of <i>Cylas formicarius</i> (Coleoptera: Brentidae). <i>Annals of the Entomological Society of America</i> , 2001, 94, 612-616.	2.5	58
20	Genetic trade-off between early fecundity and longevity in <i>Bactrocera Cucurbitae</i> (Diptera: Tephritidae). <i>Evolution</i> , 2010, 64, 507-517.	2.6	57
21	Heritable variation in polyandry in <i>Callosobruchus chinensis</i> . <i>Animal Behaviour</i> , 2005, 70, 299-304.	1.9	57
22	A gene pleiotropically controlling developmental and circadian periods in the melon fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Heredity</i> , 1997, 79, 600-605.	2.6	52
23	Biogenic amines, caffeine and tonic immobility in <i>Tribolium castaneum</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 622-628.	2.0	52
24	Intra-sexual Dimorphism in Male Mandibles and Male Aggressive Behavior in the Broad-Horned Flour Beetle <i>Gnathocerus cornutus</i> (Coleoptera: Tenebrionidae). <i>Journal of Insect Behavior</i> , 2006, 19, 457-467.	0.7	50
25	Dopaminergic system as the mechanism underlying personality in a beetle. <i>Journal of Insect Physiology</i> , 2012, 58, 750-755.	2.0	45
26	Direct effects of polyandry on female fitness in <i>Callosobruchus chinensis</i> . <i>Animal Behaviour</i> , 2006, 71, 539-548.	1.9	44
27	A Behavioral Syndrome in the Adzuki Bean Beetle: Genetic Correlation Among Death Feigning, Activity, and Mating Behavior. <i>Ethology</i> , 2010, 116, 108-112.	1.1	44
28	Genetic trade-off between abilities to avoid attack and to mate: a cost of tonic immobility. <i>Biology Letters</i> , 2010, 6, 18-20.	2.3	44
29	Female mating receptivity after injection of male-derived extracts in <i>Callosobruchus maculatus</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 1522-1527.	2.0	43
30	Body-Size Dependent Difference in Death-Feigning Behavior of Adult <i>Callosobruchus chinensis</i> . <i>Journal of Insect Behavior</i> , 2005, 18, 557-566.	0.7	41
31	Female mating receptivity inhibited by injection of male-derived extracts in <i>Callosobruchus chinensis</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 501-507.	2.0	40
32	Two-Way Artificial Selection for Developmental Period in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Evolution</i> , 2010, 64, 222-230.	2.5	39
33	Functional morphology of the hind legs as weapons for male contests in <i>Leptoglossus australis</i> (Heteroptera: Coreidae). <i>Journal of Insect Behavior</i> , 1997, 10, 727-735.	0.7	38
34	Negative relationship between ambient temperature and death-feigning intensity in adult <i>Callosobruchus maculatus</i> and <i>Callosobruchus chinensis</i> . <i>Physiological Entomology</i> , 2008, 33, 83-88.	1.5	38
35	Genetic correlation between behavioural traits in relation to death-feigning behaviour. <i>Population Ecology</i> , 2010, 52, 329-335.	1.2	38
36	Male-male aggressive behavior is changed by body size difference in the leaf-footed plant bug, <i>Leptoglossus australis</i> , Fabricius (Heteroptera: Coreidae). <i>Journal of Ethology</i> , 1993, 11, 63-65.	0.8	37

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37	Effects of maternal age on reproductive traits and fitness components of the offspring in the bruchid beetle, <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae). <i>Physiological Entomology</i> , 2002, 27, 261-266.	1.5	37
38	Deep learning-assisted comparative analysis of animal trajectories with DeepHL. <i>Nature Communications</i> , 2020, 11, 5316.	12.8	36
39	GENETIC CORRELATIONS BETWEEN LIFE-HISTORY AND BEHAVIORAL TRAITS CAN CAUSE REPRODUCTIVE ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 201-208.	2.3	34
40	Circadian rhythm and time of mating in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) selected for age at reproduction. <i>Heredity</i> , 2002, 88, 302-306.	2.6	34
41	Effect of losing on male fights of broad-horned flour beetle, <i>Gnathocerus cornutus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 361-369.	1.4	33
42	Gain of long tonic immobility behavioral trait causes the red flour beetle to reduce anti-stress capacity. <i>Journal of Insect Physiology</i> , 2014, 60, 92-97.	2.0	33
43	Plasticity of size and allometry in multiple sexually selected traits in an armed beetle <i>Gnathocerus cornutus</i> . <i>Evolutionary Ecology</i> , 2010, 24, 1339-1351.	1.2	32
44	Genetic Correlations between Life-History and Behavioral Traits can Cause Reproductive Isolation. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 201.	2.3	31
45	Sexual Dimorphism in Mandibles and Male Aggressive Behavior in the Presence and Absence of Females in the Beetle <i>Librodor japonicus</i> (Coleoptera: Nitidulidae). <i>Annals of the Entomological Society of America</i> , 2004, 97, 1342-1346.	2.5	31
46	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
47	Intralocus sexual conflict and offspring sex ratio. <i>Ecology Letters</i> , 2012, 15, 193-197.	6.4	30
48	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
49	Comparison of Adult Life History Traits in Lines Artificially Selected for Long and Short Larval and Pupal developmental Periods in the Melon Fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Applied Entomology and Zoology</i> , 1996, 31, 335-343.	1.2	30
50	Induction of oviposition by injection of male-derived extracts in two <i>Callosobruchus</i> species. <i>Journal of Insect Physiology</i> , 2010, 56, 1783-1788.	2.0	29
51	Effect of weapon-supportive traits on fighting success in armed insects. <i>Animal Behaviour</i> , 2012, 83, 1001-1006.	1.9	29
52	Insect quality control: synchronized sex, mating system, and biological rhythm. <i>Applied Entomology and Zoology</i> , 2011, 46, 3-14.	1.2	27
53	Dispersal of Male Sweetpotato Weevils (Coleoptera: Curculionidae) in Fields with or without Sweet Potato Plants. <i>Environmental Entomology</i> , 1995, 24, 1167-1174.	1.4	26
54	Positive genetic correlations between life-history traits and death-feigning behavior in adzuki bean beetle ( <i>Callosobruchus chinensis</i> ). <i>Evolutionary Ecology</i> , 2009, 23, 711-722.	1.2	26

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55	Rapid evolution of larval development time during mass-rearing in the melon fly, <i>Bactrocera cucurbitae</i> . <i>Population Ecology</i> , 1999, 41, 291-297.	1.2	25
56	Adaptation to Artificial Rearing During Successive Generations in the West Indian Sweetpotato Weevil, <i>Euscepes postfasciatus</i> (Coleoptera: Curculionidae). <i>Annals of the Entomological Society of America</i> , 2002, 95, 735-739.	2.5	25
57	Intra-specific variation in strategic ejaculation according to level of polyandry in <i>Callosobruchus chinensis</i> . <i>Journal of Insect Physiology</i> , 2005, 51, 1240-1243.	2.0	25
58	Interpopulation variation in female remating is attributable to female and male effects in <i>Callosobruchus chinensis</i> . <i>Journal of Ethology</i> , 2007, 25, 49-55.	0.8	25
59	The clock gene cryptochrome of <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) in strains with different mating times. <i>Heredity</i> , 2010, 104, 387-392.	2.6	25
60	Territorial mating aggregation in the bamboo bug, <i>Notobitus meleagris</i> , Fabricius (Heteroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.8	24
61	Relations between allometry, male-male interactions and dispersal in a sap beetle, <i>Librodor japonicus</i> . <i>Animal Behaviour</i> , 2007, 74, 749-755.	1.9	24
62	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
63	Difference in the Larval and Pupal Periods between Mass-reared and Wild Strains of the Melon Fly, <i>Bactrocera cucurbitae</i> (COQUILLET)(Diptera:Tephritidae). <i>Applied Entomology and Zoology</i> , 1993, 28, 577-581.	1.2	23
64	Ultraviolet light-emitting diode (UV LED) trap the West Indian sweet potato weevil, <i>Euscepes postfasciatus</i> (Coleoptera: Curculionidae). <i>Applied Entomology and Zoology</i> , 2012, 47, 285-290.	1.2	23
65	Juvenile hormone mediates developmental integration between exaggerated traits and supportive traits in the horned flour beetle <i>Gnathocerus cornutus</i> . <i>Evolution &amp; Development</i> , 2012, 14, 363-371.	2.0	23
66	Reduced female mating receptivity and activation of oviposition in two <i>Callosobruchus</i> species due to injection of biogenic amines. <i>Journal of Insect Physiology</i> , 2010, 56, 271-276.	2.0	22
67	Sex starved: do resource-limited males ensure fertilization success at the expense of precopulatory mating success?. <i>Animal Behaviour</i> , 2011, 81, 579-583.	1.9	22
68	Wolbachia density changes seasonally amongst populations of the pale grass blue butterfly, <i>Zizeeria maha</i> (Lepidoptera: Lycaenidae). <i>PLoS ONE</i> , 2017, 12, e0175373.	2.5	22
69	Mating Success in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) Under Different Rearing Densities. <i>Annals of the Entomological Society of America</i> , 1996, 89, 284-289.	2.5	21
70	Dispersal of released male sweetpotato weevil, <i>Cylas formicarius</i> (Coleoptera: Brentidae) in different seasons.. <i>Applied Entomology and Zoology</i> , 2000, 35, 441-449.	1.2	21
71	Eradication Programs of Two Sweetpotato Pests, <i>Cylas formicarius</i> and <i>Euscepes postfasciatus</i> , in Japan with Special Reference to their Dispersal Ability. <i>Japan Agricultural Research Quarterly</i> , 2001, 35, 227-234.	0.4	21
72	Pleiotropic effect, clock genes, and reproductive isolation. <i>Population Ecology</i> , 2002, 44, 201-207.	1.2	21

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73	Male Aggressive Behavior and Exaggerated Hindlegs of the Bean Bug <i>Riptortus pedestris</i> . <i>Zoological Science</i> , 2011, 28, 659-663.	0.7	21
74	Dispersal Potential of Male <i>Cylas formicarius</i> (Coleoptera: Brentidae) Over Land and Water. <i>Environmental Entomology</i> , 1997, 26, 272-276.	1.4	20
75	Ejaculatory strategies associated with experience of losing. <i>Biology Letters</i> , 2010, 6, 593-596.	2.3	20
76	Male Courtship Behavior and Weapon Trait as Indicators of Indirect Benefit in the Bean Bug, <i>Riptortus pedestris</i> . <i>PLoS ONE</i> , 2013, 8, e83278.	2.5	20
77	Cypermethrin resistance and reproductive types in onion thrips, <i>Thrips tabaci</i> (Thysanoptera: Thripidae). <i>Journal of Pesticide Sciences</i> , 2016, 41, 167-170.	1.4	20
78	Transcriptomic comparison between beetle strains selected for short and long durations of death feigning. <i>Scientific Reports</i> , 2019, 9, 14001.	3.3	20
79	Period Gene of <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) Among Strains with Different Mating Times and Sterile Insect Technique. <i>Annals of the Entomological Society of America</i> , 2008, 101, 1121-1130.	2.5	19
80	Fighting, dispersing, and sneaking: body size dependent mating tactics by male <i>Librodor japonicus</i> beetles. <i>Ecological Entomology</i> , 2008, 33, 269-275.	2.2	19
81	Walking Activity of Flightless <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) as a Biological Control Agent. <i>Journal of Economic Entomology</i> , 2010, 103, 1564-1568.	1.8	19
82	Seasonal Occurrence of <i>Bactrocera scutellata</i> (Diptera: Tephritidae), a Cecidophage of Stem Galls Produced by <i>Lasioptera</i> sp. (Diptera: Cecidomyiidae) on Wild Gourds (Cucurbitaceae). <i>Annals of the Entomological Society of America</i> , 2000, 93, 1274-1279.	2.5	18
83	Male courtship song in circadian rhythm mutants of <i>Bactrocera cucurbitae</i> (Tephritidae: Diptera). <i>Journal of Insect Physiology</i> , 2004, 50, 85-91.	2.0	18
84	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
85	Life history and mating behavior of a black-bodied strain of the cigarette beetle <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2012, 47, 157-163.	1.2	17
86	Which wavelength does the cigarette beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae), prefer? Electrophysiological and behavioral studies using light-emitting diodes (LEDs). <i>Applied Entomology and Zoology</i> , 2013, 48, 547-551.	1.2	17
87	Multi-Male Mating Aggregation in <i>Notobitus meleagris</i> (Hemiptera: Coreidae). <i>Annals of the Entomological Society of America</i> , 2002, 95, 340-344.	2.5	16
88	Social dominance modifies behavioral rhythm in a queenless ant. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1843-1850.	1.4	16
89	Decoupling of Behavioral Trait Correlation Across Life Stages in Two Holometabolous Insects. <i>Behavior Genetics</i> , 2017, 47, 459-467.	2.1	16
90	Genetic trade-off between early fecundity and longevity in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Journal of Evolutionary Biology</i> , 2016, 29, 1050-1062.	2.6	16

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91	Assessment of hybrid vigor between flightless lines to restore survival and reproductive characteristics in the ladybird beetle <i>Harmonia axyridis</i> . <i>BioControl</i> , 2012, 57, 85-93.	2.0	15
92	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
93	Ownership-dependent mating tactics of minor males of the beetle <i>Librodor japonicus</i> (Nitidulidae) with intra-sexual dimorphism of mandibles. <i>Journal of Ethology</i> , 2007, 25, 255-261.	0.8	14
94	Genetic correlation between the pre-adult developmental period and locomotor activity rhythm in <i>Drosophila melanogaster</i> . <i>Heredity</i> , 2013, 110, 312-320.	2.6	14
95	Molecular cloning and functional characterization of the sex-determination gene <i>doublesex</i> in the sexually dimorphic broad-horned beetle <i>Gnatocerus cornutus</i> (Coleoptera, Tenebrionidae). <i>Scientific Reports</i> , 2016, 6, 29337.	3.3	14
96	No genetic correlation between the sexes in mating frequency in the bean beetle, <i>Callosobruchus chinensis</i> . <i>Heredity</i> , 2007, 99, 295-300.	2.6	13
97	Immature performance linked with exaggeration of a sexually selected trait in an armed beetle. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1737-1743.	1.7	13
98	Acoustic emission monitoring of the effect of temperature on activity rhythms of the subterranean termite <i>Reticulitermes speratus</i> . <i>Physiological Entomology</i> , 2012, 37, 303-308.	1.5	13
99	Evolutionary correlation between male substances and female remating frequency in a seed beetle. <i>Behavioral Ecology</i> , 2012, 23, 715-722.	2.2	13
100	Strategic ejaculation and level of polyandry in <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae). <i>Journal of Ethology</i> , 2008, 26, 225-231.	0.8	12
101	Inhibition of female mating receptivity by male-derived extracts in two <i>Callosobruchus</i> species: Consequences for interspecific mating. <i>Journal of Insect Physiology</i> , 2010, 56, 1565-1571.	2.0	12
102	Independence of genetic variation between circadian rhythm and development time in the seed beetle, <i>Callosobruchus chinensis</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 415-420.	2.0	12
103	Genetic variation in pre-mating period of the mass-reared melon fly, <i>Bactrocera cucurbitae</i> (Diptera : Tj ETQq1 1 0.784314 rgBT / Overclock 10 Tf 50 222 T	1.2	11
104	Effect of oviposition substrate on female remating in <i>Callosobruchus chinensis</i> (Coleoptera:) Tj ETQq0 0 0 rgBT / Overclock 10 Tf 50 222 T	1.2	11
105	Genetic and environmental sources of egg size, fecundity and body size in the migrant skipper, <i>Parnara guttata guttata</i> (Lepidoptera: Hesperidae). <i>Population Ecology</i> , 2006, 48, 225-232.	1.2	11
106	Sperm precedence in <i>Callosobruchus chinensis</i> estimated using the sterile male technique. <i>Journal of Ethology</i> , 2008, 26, 201-206.	0.8	11
107	Seasonal abundance of exotic leaf beetle <i>Orphraella communa</i> LeSage (Coleoptera: Chrysomelidae) on two different host plants. <i>Applied Entomology and Zoology</i> , 2010, 45, 283-288.	1.2	11
108	Larval competition causes the difference in male ejaculate expenditure in <i>Callosobruchus maculatus</i> . <i>Population Ecology</i> , 2013, 55, 493-498.	1.2	11

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109	Monitoring and Detecting the Cigarette Beetle (Coleoptera: Anobiidae) Using Ultraviolet (LED) Direct and Reflected Lights and/or Pheromone Traps in a Laboratory and a Storehouse. <i>Journal of Economic Entomology</i> , 2016, 109, 2551-2560.	1.8	11
110	The adaptive role of a species-specific courtship behaviour in coping with remating suppression of mated females. <i>Animal Behaviour</i> , 2018, 140, 29-37.	1.9	11
111	Arousal from Tonic Immobility by Vibration Stimulus. <i>Behavior Genetics</i> , 2019, 49, 478-483.	2.1	11
112	Artificial selection on walking distance suggests a mobility-sperm competitiveness trade-off. <i>Behavioral Ecology</i> , 2019, 30, 1522-1529.	2.2	11
113	Relationships among male sexually selected traits in the bean bug, <i>Riptortus pedestris</i> (Heteroptera: Alydidae). <i>Entomological Science</i> , 2015, 18, 278-282.	0.6	10
114	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
115	Bidirectional selection for female propensity to remate in the bean beetle, <i>Callosobruchus chinensis</i> . <i>Population Ecology</i> , 2009, 51, 89-98.	1.2	9
116	Genetic basis of incidence and period length of circadian rhythm for locomotor activity in populations of a seed beetle. <i>Heredity</i> , 2010, 105, 268-273.	2.6	9
117	Adults of <i>Lasioderma serricorne</i> and <i>Stegobium paniceum</i> (Anobiidae: Coleoptera) Are Attracted to Ultraviolet (UV) Over Blue Light LEDs. <i>Journal of Economic Entomology</i> , 2017, 110, 1911-1915.	1.8	9
118	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
119	An empirical test of the hedging polyandry hypothesis: Female red flour beetles avoid extinction via multiple mating. <i>Ecology and Evolution</i> , 2021, 11, 5295-5304.	1.9	9
120	<i>Librodor japonicus</i> (Coleoptera: Nitidulidae): life history, effect of temperature on development, and seasonal abundance. <i>Applied Entomology and Zoology</i> , 2007, 42, 411-417.	1.2	7
121	Effects of female and male size on female mating and remating decisions in a bean beetle. <i>Journal of Ethology</i> , 2012, 30, 337-343.	0.8	7
122	No seasonal trend in infection of the pale grass blue butterfly, <i>Zizeeria maha</i> (Lepidoptera: Lycaenidae), by <i>Wolbachia</i> . <i>Applied Entomology and Zoology</i> , 2013, 48, 35-38.	1.2	7
123	Anti-predator behaviour depends on male weapon size. <i>Biology Letters</i> , 2020, 16, 20200601.	2.3	7
124	Breeding ecology and seasonal abundance of the giant water bug <i>Appasus japonicus</i> (Heteroptera, Belostomatidae). <i>Entomological Science</i> , 2010, 13, 35-41.	0.6	6
125	A gene pleiotropically controlling developmental and circadian periods in the melon fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Heredity</i> , 1997, 79, 600-605.	2.6	6
126	Meat-eating enhances larval development of <i>Anthracophora rusticola</i> Burmeister (Coleoptera: Tenebrionidae). <i>Journal of Insect Science and Technology</i> , 2019, 17, 1-10.	0.6	5



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127	Aphid consumption and residence time of larvae of flightless lady beetles, <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae), on aphid-infested plants. <i>Applied Entomology and Zoology</i> , 2013, 48, 223-227.	1.2	5
128	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
129	Cross-species behavior analysis with attention-based domain-adversarial deep neural networks. <i>Nature Communications</i> , 2021, 12, 5519.	12.8	5
130	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
131	Seasonal abundance and reproductive season of <i>Chauliops fallax</i> (Heteroptera: Malcidae) on kudzu <i>Pueraria lobata</i> . <i>Applied Entomology and Zoology</i> , 2011, 46, 429-433.	1.2	4
132	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
133	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
134	Relationships between mating tactics and male traits such as body size and fluctuating asymmetry in the Japanese scorpionfly. <i>Journal of Ethology</i> , 2020, 38, 233-239.	0.8	4
135	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
136	Seasonal Abundance of the Bamboo Bug, <i>Notobitus meleagris</i> FABRICIUS (Heteroptera: Coreidae) in Okinawa Island. <i>Applied Entomology and Zoology</i> , 1994, 29, 601-603.	1.2	4
137	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
138	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
139	Male body size does not affect the refractory period of females in the West Indian sweet potato weevil <i>Euscepes postfasciatus</i> (Fairmaire) (Coleoptera: Curculionidae) and the seed bug <i>Togo hemipterus</i> (Scott) (Heteroptera: Lygaeidae). <i>Journal of Ethology</i> , 2021, 39, 39-46.	0.8	3
140	Environmental, Physiological, and Genetic Effects on Tonic Immobility in Beetles. <i>Entomology Monographs</i> , 2021, , 39-54.	0.5	3
141	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
142	Heritability and Genetic Correlation Estimates for Egg Size and Number in <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae). <i>Annals of the Entomological Society of America</i> , 2006, 99, 364-368.	2.5	2
143	On the optimal duration of memory of losing a conflict – a mathematical model approach. <i>Journal of Biological Dynamics</i> , 2010, 4, 270-281.	1.7	2
144	Cigarette Beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) Is Attracted More to Reflected than Direct Ultraviolet (UV) LED Lights. <i>Japanese Journal of Applied Entomology and Zoology</i> , 2014, 58, 133-135.	0.1	2

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145	Faster (or slower) developers have a shorter (or longer) circadian period in <i>Bactrocera cucurbitae</i> . <i>Physiological Entomology</i> , 2017, 42, 98-102.	1.5	2
146	Effects of caffeine on mating behavior and sperm precedence in <i>Tribolium castaneum</i> . <i>Ethology</i> , 2021, 127, 45-49.	1.1	2
147	Age-dependent walking and feeding of the assassin bug <i>Amphibolus venator</i> . <i>Behaviour</i> , 2021, 158, 123-133.	0.8	2
148	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
149	Wing-waving behaviors are used for conspecific display in the Japanese scorpionfly, <i>Panorpa japonica</i> . <i>Journal of Ethology</i> , 2021, 39, 267-274.	0.8	2
150	Testing for adaptive explanations of bimodal genital insertion duration in the stalk-eyed seed bug. <i>Animal Behaviour</i> , 2011, 82, 1103-1108.	1.9	1
151	Comparison of two polymorphic sites in the clock gene cryptochrome in the Taiwan strain of the melon fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae): a possible quick method to estimate the mating time of trapped invading flies. <i>Applied Entomology and Zoology</i> , 2011, 46, 553-557.	1.2	1
152	Seasonality of <i>Wolbachia</i> infection rate in two closely related sympatric species of terrestrial isopods (Isopoda: Armadillidae) in Okayama, Japan, with effects on sex ratio. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1096-1103.	0.9	1
153	Individual and Sexual Differences in Time to Habituate to Food-Stimuli Presentation of Potential Prey in <i>Hyla Japonica</i> . <i>Current Herpetology</i> , 2019, 38, 14.	0.5	1
154	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
155	Diurnal rhythm of male-male combat behavior in the bean bug <i>Riptortus pedestris</i> (Heteroptera: Coreidae). <i>Entomological Science</i> , 2014, 17, 359-363.	0.6	0
156	Yosiaki Itô 1930-2015. <i>Population Ecology</i> , 2015, 57, 545-550.	1.2	0
157	Effects of Artificial Selection for Walking Movement on Reproductive Traits in the Red Flour Beetle, <i>Tribolium castaneum</i> . , 2019, , .		0
158	Selection for age at reproduction changes pre-mating period and mating frequency in <i>Zeugodacus cucurbitae</i> : impacts on insect quality control. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 959-965.	1.4	0
159	Effects of individual differences in the locomotor activity of assassin bugs on predator-prey interactions. <i>Ethology</i> , 0, , .	1.1	0
160	Differences in mating tactics performed by males of two local populations of the Japanese scorpionfly <i>Panorpa japonica</i> . <i>Journal of Ethology</i> , 0, , .	0.8	0