

Oliver Mitesser

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

733
citations

567281

15
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Effects of Climate, Land Use, and Insects on Dung and Carrion Decomposition. <i>Ecosystems</i> , 2023, 26, 397-411.	3.4	5
2	Tracking the temporal dynamics of insect defoliation by high-resolution radar satellite data. <i>Methods in Ecology and Evolution</i> , 2022, 13, 121-132.	5.2	15
3	The rising moon promotes mate finding in moths. <i>Communications Biology</i> , 2022, 5, 393.	4.4	5
4	Women temporarily synchronize their menstrual cycles with the luminance and gravimetric cycles of the Moon. <i>Science Advances</i> , 2021, 7, .	10.3	25
5	Natural Zeitgebers Under Temperate Conditions Cannot Compensate for the Loss of a Functional Circadian Clock in Timing of a Vital Behavior in <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , 2021, 36, 271-285.	2.6	3
6	Relationship of insect biomass and richness with land use along a climate gradient. <i>Nature Communications</i> , 2021, 12, 5946.	12.8	61
7	A Novel Thermal-Visual Place Learning Paradigm for Honeybees (<i>Apis mellifera</i>). <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 56.	2.0	1
8	Multiple host use and the dynamics of host switching in host-parasite systems. <i>Insect Conservation and Diversity</i> , 2019, 12, 511-522.	3.0	4
9	The Circadian Clock Improves Fitness in the Fruit Fly, <i>Drosophila melanogaster</i> . <i>Frontiers in Physiology</i> , 2019, 10, 1374.	2.8	23
10	Explaining the variability in the response of annual eusocial insects to mass-flowering events. <i>Journal of Animal Ecology</i> , 2019, 88, 178-188.	2.8	6
11	Eusociality outcompetes egalitarian and solitary strategies when resources are limited and reproduction is costly. <i>Ecology and Evolution</i> , 2018, 8, 12953-12964.	1.9	14
12	Suitable triggers for timing the transition from worker to sexual production in annual eusocial insects. <i>Insectes Sociaux</i> , 2018, 65, 609-617.	1.2	3
13	Overwintering temperature and body condition shift emergence dates of spring-emerging solitary bees. <i>PeerJ</i> , 2018, 6, e4721.	2.0	23
14	Saving the injured: Rescue behavior in the termite-hunting ant <i>Megaponera analis</i> . <i>Science Advances</i> , 2017, 3, e1602187.	10.3	39
15	Mating timing, dispersal and local adaptation in patchy environments. <i>Oikos</i> , 2017, 126, 1804-1814.	2.7	8
16	Altered sex-specific mortality and female mating success: ecological effects and evolutionary responses. <i>Ecosphere</i> , 2017, 8, e01820.	2.2	7
17	The evolution of simultaneous progressive provisioning revisited: extending the model to overlapping generations. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	1
18	Evolving mutation rate advances the invasion speed of a sexual species. <i>BMC Evolutionary Biology</i> , 2017, 17, 150.	3.2	16

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19	Street lighting: sex-independent impacts on moth movement. <i>Journal of Animal Ecology</i> , 2016, 85, 1352-1360.	2.8	60
20	The evolution of density-dependent dispersal under limited information. <i>Ecological Modelling</i> , 2016, 338, 1-10.	2.5	7
21	The Adequate Use of Limited Information in Dispersal Decisions. <i>American Naturalist</i> , 2016, 187, 136-142.	2.1	8
22	The evolution of optimal emergence times: bet hedging and the quest for an ideal free temporal distribution of individuals. <i>Oikos</i> , 2016, 125, 1647-1656.	2.7	15
23	High Female Survival Promotes Evolution of Protogyny and Sexual Conflict. <i>PLoS ONE</i> , 2015, 10, e0118354.	2.5	18
24	Annual dynamics of wild bee densities: attractiveness and productivity effects of oilseed rape. <i>Ecology</i> , 2015, 96, 1351-1360.	3.2	74
25	Gender-Specific Emigration Decisions Sensitive to Local Male and Female Density. <i>American Naturalist</i> , 2014, 184, 38-51.	2.1	22
26	Unexpected Benefit of a Social Parasite for a Key Fitness Component of Its Ant Host. <i>American Naturalist</i> , 2012, 179, 110-123.	2.1	14
27	Availability and depletion of fat reserves in halictid foundress queens with a focus on solitary nest founding. <i>Insectes Sociaux</i> , 2012, 59, 67-74.	1.2	20
28	Risk sensitivity revisited: from individuals to populations. <i>Animal Behaviour</i> , 2011, 82, 875-883.	1.9	4
29	Correlations between Sequential Timing Decisions Do Not Necessarily Indicate Strategic Behavior: A Comment on BÅtly et al.. <i>American Naturalist</i> , 2010, 176, 835-837.	2.1	2
30	Workers, sexuals, or both? Optimal allocation of resources to reproduction and growth in annual insect colonies. <i>Insectes Sociaux</i> , 2009, 56, 119-129.	1.2	21
31	Effect of vegetation density, height, and connectivity on the oviposition pattern of the leaf beetle <i>Galeruca tanacetii</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2009, 132, 134-146.	1.4	19
32	An Evolutionarily Stable Strategy Model for the Evolution of Dimorphic Development in the Butterfly <i>Maculinea rebeli</i> , a Social Parasite of <i>Myrmica</i> Ant Colonies. <i>American Naturalist</i> , 2007, 169, 466-480.	2.1	10
33	Host plant finding in the specialised leaf beetle <i>Cassida canaliculata</i> : an analysis of small-scale movement behaviour. <i>Ecological Entomology</i> , 2007, 32, 070130195410001-???	2.2	6
34	Adaptive dynamic resource allocation in annual eusocial insects: environmental variation will not necessarily promote graded control. <i>BMC Ecology</i> , 2007, 7, 16.	3.0	7
35	Optimal investment allocation in primitively eusocial bees: a balance model based on resource limitation of the queen. <i>Insectes Sociaux</i> , 2007, 54, 234-241.	1.2	13
36	The influence of soil temperature on the nesting cycle of the halictid bee <i>Lasioglossum malachurum</i> . <i>Insectes Sociaux</i> , 2006, 53, 390-398.	1.2	32

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37	The evolution of activity breaks in the nest cycle of annual eusocial bees: a model of delayed exponential growth. <i>BMC Evolutionary Biology</i> , 2006, 6, 45.	3.2	16
38	Local Extinction and the Evolution of Dispersal Rates: Causes and Correlations. <i>American Naturalist</i> , 2003, 161, 631-640.	2.1	103