Oliver Mitesser

List of Publications by Year
in descending order

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	Local Extinction and the Evolution of Dispersal Rates: Causes and Correlations. American Naturalist, 2003, 161, 631-640.	2.1	103
2	Annual dynamics of wild bee densities: attractiveness and productivity effects of oilseed rape. Ecology, 2015, 96, 1351-1360.	3.2	74
3	Relationship of insect biomass and richness with land use along a climate gradient. Nature Communications, 2021, 12, 5946.	12.8	61
4	Street lighting: sexâ€independent impacts on moth movement. Journal of Animal Ecology, 2016, 85, 1352-1360.	2.8	60
5	Saving the injured: Rescue behavior in the termite-hunting ant <i>Megaponera analis</i>. Science Advances, 2017, 3, e1602187.	10.3	39
6	The influence of soil temperature on the nesting cycle of the halictid bee Lasioglossum malachurum. Insectes Sociaux, 2006, 53, 390-398.	1.2	32
7	Women temporarily synchronize their menstrual cycles with the luminance and gravimetric cycles of the Moon. Science Advances, 2021, 7, .	10.3	25
8	The Circadian Clock Improves Fitness in the Fruit Fly, Drosophila melanogaster. Frontiers in Physiology, 2019, 10, 1374.	2.8	23
9	Overwintering temperature and body condition shift emergence dates of spring-emerging solitary bees. PeerJ, 2018, 6, e4721.	2.0	23
10	Gender-Specific Emigration Decisions Sensitive to Local Male and Female Density. American Naturalist, 2014, 184, 38-51.	2.1	22
11	Workers, sexuals, or both? Optimal allocation of resources to reproduction and growth in annual insect colonies. Insectes Sociaux, 2009, 56, 119-129.	1.2	21
12	Availability and depletion of fat reserves in halictid foundress queens with a focus on solitary nest founding. Insectes Sociaux, 2012, 59, 67-74.	1.2	20
13	Effect of vegetation density, height, and connectivity on the oviposition pattern of the leaf beetle <i>Galeruca tanaceti</i>. Entomologia Experimentalis Et Applicata, 2009, 132, 134-146.	1.4	19
14	High Female Survival Promotes Evolution of Protogyny and Sexual Conflict. PLoS ONE, 2015, 10, e0118354.	2.5	18
15	The evolution of activity breaks in the nest cycle of annual eusocial bees: a model of delayed exponential growth. BMC Evolutionary Biology, 2006, 6, 45.	3.2	16
16	Evolving mutation rate advances the invasion speed of a sexual species. BMC Evolutionary Biology, 2017, 17, 150.	3.2	16
17	The evolution of optimal emergence times: bet hedging and the quest for an ideal free temporal distribution of individuals. Oikos, 2016, 125, 1647-1656.	2.7	15
18	Tracking the temporal dynamics of insect defoliation by highâ€resolution radar satellite data. Methods in Ecology and Evolution, 2022, 13, 121-132.	5.2	15

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19	Unexpected Benefit of a Social Parasite for a Key Fitness Component of Its Ant Host. American Naturalist, 2012, 179, 110-123.	2.1	14
20	Eusociality outcompetes egalitarian and solitary strategies when resources are limited and reproduction is costly. Ecology and Evolution, 2018, 8, 12953-12964.	1.9	14
21	Optimal investment allocation in primitively eusocial bees: a balance model based on resource limitation of the queen. Insectes Sociaux, 2007, 54, 234-241.	1.2	13
22	An Evolutionarily Stable Strategy Model for the Evolution of Dimorphic Development in the Butterfly Maculinea rebeli, a Social Parasite of Myrmica Ant Colonies. American Naturalist, 2007, 169, 466-480.	2.1	10
23	The Adequate Use of Limited Information in Dispersal Decisions. American Naturalist, 2016, 187, 136-142.	2.1	8
24	Mating timing, dispersal and local adaptation in patchy environments. Oikos, 2017, 126, 1804-1814.	2.7	8
25	Adaptive dynamic resource allocation in annual eusocial insects: environmental variation will not necessarily promote graded control. BMC Ecology, 2007, 7, 16.	3.0	7
26	The evolution of density-dependent dispersal under limited information. Ecological Modelling, 2016, 338, 1-10.	2.5	7
27	Altered sexâ€specific mortality and female mating success: ecological effects and evolutionary responses. Ecosphere, 2017, 8, e01820.	2.2	7
28	Host plant finding in the specialised leaf beetle Cassida canaliculata: an analysis of small-scale movement behaviour. Ecological Entomology, 2007, 32, 070130195410001-???.	2.2	6
29	Explaining the variability in the response of annual eusocial insects to massâ€flowering events. Journal of Animal Ecology, 2019, 88, 178-188.	2.8	6
30	The rising moon promotes mate finding in moths. Communications Biology, 2022, 5, 393.	4.4	5
31	Diverse Effects of Climate, Land Use, and Insects on Dung and Carrion Decomposition. Ecosystems, 2023, 26, 397-411.	3.4	5
32	Risk sensitivity revisited: from individuals to populations. Animal Behaviour, 2011, 82, 875-883.	1.9	4
33	Multiple host use and the dynamics of host switching in hostâ€“parasite systems. Insect Conservation and Diversity, 2019, 12, 511-522.	3.0	4
34	Suitable triggers for timing the transition from worker to sexual production in annual eusocial insects. Insectes Sociaux, 2018, 65, 609-617.	1.2	3
35	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>. Journal of Biological Rhythms, 2021, 36, 271-285.	2.6	3
36	Correlations between Sequential Timing Decisions Do Not Necessarily Indicate Strategic Behavior: A Comment on BÃªty et al.. American Naturalist, 2010, 176, 835-837.	2.1	2

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37	The evolution of simultaneous progressive provisioning revisited: extending the model to overlapping generations. Behavioral Ecology and Sociobiology, 2017, 71, 1.	1.4	1
38	A Novel Thermal-Visual Place Learning Paradigm for Honeybees (Apis mellifera). Frontiers in Behavioral Neuroscience, 2020, 14, 56.	2.0	1