

João Meunier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/905990/publications.pdf>

Version: 2024-02-01

64
papers

1,704
citations

279487

23
h-index

329751

37
g-index

96
all docs

96
docs citations

96
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	Social immunity and the evolution of group living in insects. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140102.	1.8	140
2	The evolution of parental care in insects: the roles of ecology, life history and the social environment. <i>Ecological Entomology</i> , 2013, 38, 123-137.	1.1	120
3	Maternal care provides antifungal protection to eggs in the European earwig. <i>Behavioral Ecology</i> , 2014, 25, 754-761.	1.0	81
4	One clutch or two clutches? Fitness correlates of coexisting alternative female life-histories in the European earwig. <i>Evolutionary Ecology</i> , 2012, 26, 669-682.	0.5	72
5	Split sex ratios in the social Hymenoptera: a meta-analysis. <i>Behavioral Ecology</i> , 2008, 19, 382-390.	1.0	65
6	Competitive ability not kinship affects growth of <i>Arabidopsis thaliana</i> accessions. <i>New Phytologist</i> , 2010, 185, 322-331.	3.5	61
7	Kin and multilevel selection in social evolution: a never-ending controversy?. <i>F1000Research</i> , 2016, 5, 776.	0.8	58
8	Eumelanin-based coloration and fitness parameters in birds: a meta-analysis. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 559-567.	0.6	54
9	Mother and offspring fitness in an insect with maternal care: phenotypic trade-offs between egg number, egg mass and egg care. <i>BMC Evolutionary Biology</i> , 2014, 14, 125.	3.2	52
10	Sibling Cooperation in Earwig Families Provides Insights into the Early Evolution of Social Life. <i>American Naturalist</i> , 2014, 183, 547-557.	1.0	48
11	Parental antagonism and parentâ€œoffspring co-adaptation interact to shape family life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3981-3988.	1.2	46
12	Negative association between parental care and sibling cooperation in earwigs: a new perspective on the early evolution of family life?. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1299-1308.	0.8	44
13	The determinants of queen size in a socially polymorphic ant. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1906-1913.	0.8	43
14	When it is costly to have a caring mother: food limitation erases the benefits of parental care in earwigs. <i>Biology Letters</i> , 2012, 8, 547-550.	1.0	42
15	The other facets of family life and their role in the evolution of animal sociality. <i>Biological Reviews</i> , 2019, 94, 199-215.	4.7	41
16	Parentâ€œoffspring conflict and the genetic trade-offs shaping parental investment. <i>Nature Communications</i> , 2015, 6, 6850.	5.8	39
17	Inbreeding depression in an insect with maternal care: influences of family interactions, life stage and offspring sex. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2209-2220.	0.8	34
18	Collective personalities: present knowledge and new frontiers. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	33

#	ARTICLE	IF	CITATIONS
19	Short-term benefits, but transgenerational costs of maternal loss in an insect with facultative maternal care. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151617.	1.2	32
20	Efficient but occasionally imperfect vertical transmission of gut mutualistic protists in a wood-feeding termite. <i>Molecular Ecology</i> , 2020, 29, 308-324.	2.0	32
21	The population determines whether and how life-history traits vary between reproductive events in an insect with maternal care. <i>Oecologia</i> , 2016, 182, 443-452.	0.9	30
22	Social immunity: why we should study its nature, evolution and functions across all social systems. <i>Current Opinion in Insect Science</i> , 2018, 28, 1-7.	2.2	29
23	Influences of Relatedness, Food Deprivation, and Sex on Adult Behaviors in the Group-living Insect <i>Forficula auricularia</i> . <i>Ethology</i> , 2014, 120, 923-932.	0.5	28
24	Survival after pathogen exposure in group-living insects: don't forget the stress of social isolation!. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1867-1872.	0.8	26
25	Flexible colony-founding strategies in a socially polymorphic ant. <i>Animal Behaviour</i> , 2010, 79, 467-472.	0.8	25
26	Paternal signature in kin recognition cues of a social insect: concealed in juveniles, revealed in adults. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141236.	1.2	23
27	Multiple paternity and mating group size in the European earwig, <i>Forficula auricularia</i> . <i>Ecological Entomology</i> , 2015, 40, 159-166.	1.1	23
28	When earwig mothers do not care to share: Parent-offspring competition and the evolution of family life. <i>Functional Ecology</i> , 2017, 31, 2098-2107.	1.7	23
29	Recognition in Ants: Social Origin Matters. <i>PLoS ONE</i> , 2011, 6, e19347.	1.1	21
30	Age, pathogen exposure, but not maternal care shape offspring immunity in an insect with facultative family life. <i>BMC Evolutionary Biology</i> , 2017, 17, 69.	3.2	21
31	Surrounding pathogens shape maternal egg care but not egg production in the European earwig. <i>Behavioral Ecology</i> , 2018, 29, 128-136.	1.0	21
32	Feces production as a form of social immunity in an insect with facultative maternal care. <i>BMC Evolutionary Biology</i> , 2015, 15, 40.	3.2	19
33	Unbalanced biparental care during colony foundation in two subterranean termites. <i>Ecology and Evolution</i> , 2019, 9, 192-200.	0.8	19
34	Love them all: mothers provide care to foreign eggs in the European earwig <i>Forficula auricularia</i> . <i>Behavioral Ecology</i> , 2019, 30, 756-762.	1.0	19
35	Queen acceptance in a socially polymorphic ant. <i>Animal Behaviour</i> , 2011, 81, 163-168.	0.8	18
36	Extended winters entail long-term costs for insect offspring reared in an overwinter burrow. <i>Journal of Thermal Biology</i> , 2018, 74, 116-122.	1.1	18

#	ARTICLE	IF	CITATIONS
37	Reproductive conflicts and egg discrimination in a socially polymorphic ant. Behavioral Ecology and Sociobiology, 2010, 64, 1655-1663.	0.6	17
38	Variations in seasonal (not mean) temperatures drive rapid adaptations to novel environments at a continent scale. Ecology, 2020, 101, e02973.	1.5	17
39	Maternal condition determines offspring behavior toward family members in the European earwig. Behavioral Ecology, 2016, 27, 494-500.	1.0	15
40	Sublethal exposure to deltamethrin impairs maternal egg care in the European earwig <i>Forficula auricularia</i> . Chemosphere, 2020, 258, 127383.	4.2	15
41	Stay or drift? Queen acceptance in the ant <i>Formica paralugubris</i> . Insectes Sociaux, 2008, 55, 392-396.	0.7	12
42	PO-CALC: A novel tool to correct common inconsistencies in the measurement of phenoloxidase activity. Journal of Insect Physiology, 2015, 75, 80-84.	0.9	12
43	Condition-Dependent Trade-Off Between Weapon Size and Immunity in Males of the European Earwig. Scientific Reports, 2017, 7, 7988.	1.6	12
44	Friend or foe? The apparent benefits of gregarine (Apicomplexa: Sporozoa) infection in the European earwig. International Journal for Parasitology, 2020, 50, 461-469.	1.3	12
45	Filial egg cannibalism in the European earwig: its determinants and implications in the evolution of maternal egg care. Animal Behaviour, 2020, 164, 155-162.	0.8	9
46	Joint effects of group sex-ratio and <i>Wolbachia</i> infection on female reproductive success in the terrestrial isopod <i>Armadillidium vulgare</i> . BMC Evolutionary Biology, 2019, 19, 65.	3.2	8
47	Parental Care. , 2022, , 337-357.		8
48	Growing up with feces: benefits of allo-coprophagy in families of the European earwig. Behavioral Ecology, 0, , arw113.	1.0	7
49	Sublethal exposure to deltamethrin stimulates reproduction and has limited effects on post-hatching maternal care in the European earwig. Environmental Science and Pollution Research, 2021, 28, 39501-39512.	2.7	7
50	Age, sex, mating status, but not social isolation interact to shape basal immunity in a group-living insect. Journal of Insect Physiology, 2017, 103, 64-70.	0.9	6
51	Reproductives and eggs trigger worker vibration in a subterranean termite. Ecology and Evolution, 2020, 10, 5892-5898.	0.8	6
52	Alteration of gut microbiota with a broad-spectrum antibiotic does not impair maternal care in the European earwig. Journal of Evolutionary Biology, 2021, 34, 1034-1045.	0.8	6
53	Effects of temperature, fungal infection and weight on intermoult duration and survival of starving earwig larvae. Journal of Insect Physiology, 2021, 132, 104262.	0.9	5
54	Offspring reverse transcriptome responses to maternal deprivation when reared with pathogens in an insect with facultative family life. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200440.	1.2	5

#	ARTICLE	IF	CITATIONS
55	The first of five moults of <i>Forficula auricularia</i> L. (Dermaptera: Forficulidae). Canadian Entomologist, 2020, 152, 783-789.	0.4	4
56	Pre- and post-oviposition behavioural strategies to protect eggs against extreme winter cold in an insect with maternal care. , 0, 2, .		4
57	Exposure to pyriproxyfen (juvenile hormone agonist) does not alter maternal care and reproduction in the European earwig. Environmental Science and Pollution Research, 2022, 29, 72729-72746.	2.7	4
58	Earwig mothers consume the feces of their juveniles during family life. Insect Science, 2022, 29, 595-602.	1.5	3
59	Editorial overview: Beyond eusocial insects: studying the other social insects to better understand social evolution. Current Opinion in Insect Science, 2018, 28, vi-viii.	2.2	2
60	On the link between endothermy, energy budget, and parental care: a comment on Beekman et al. Behavioral Ecology, 2019, 30, 592-593.	1.0	1
61	A New Function of Hydrocarbons in Insect Communication: Maternal Care and Offspring Signalling in the European Earwig. Chimia, 2011, 65, 744-744.	0.3	0
62	Can alternative pathways mediate the influence of queen number on nestmate discrimination in ants?. Communicative and Integrative Biology, 2011, 4, 609-611.	0.6	0
63	Editorial: Microbial Drivers of Sociality – From Multicellularity to Animal Societies. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
64	Can alternative pathways mediate the influence of queen number on nestmate discrimination in ants?. Communicative and Integrative Biology, 2011, 4, 609-11.	0.6	0