

# Fabio Manfredini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6766553/publications.pdf>

Version: 2024-02-01

24  
papers

1,282  
citations

516710

16  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implication of the Mosquito Midgut Microbiota in the Defense against Malaria Parasites. PLoS Pathogens, 2009, 5, e1000423.	4.7	661
2	Unity in defence: honeybee workers exhibit conserved molecular responses to diverse pathogens. BMC Genomics, 2017, 18, 207.	2.8	100
3	Molecular and social regulation of worker division of labour in fire ants. Molecular Ecology, 2014, 23, 660-672.	3.9	46
4	Deconstructing Superorganisms and Societies to Address Big Questions in Biology. Trends in Ecology and Evolution, 2017, 32, 861-872.	8.7	45
5	A Potential Role for Phenotypic Plasticity in Invasions and Declines of Social Insects. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	39
6	Sociogenomics of Cooperation and Conflict during Colony Founding in the Fire Ant <i>Solenopsis invicta</i> . PLoS Genetics, 2013, 9, e1003633.	3.5	35
7	The midgut ultrastructure of the endoparasite <i>Xenos vesparum</i> (Rossi) (Insecta, Strepsiptera) during post-embryonic development and stable carbon isotopic analyses of the nutrient uptake. Arthropod Structure and Development, 2007, 36, 183-197.	1.4	34
8	RNA-sequencing elucidates the regulation of behavioural transitions associated with the mating process in honey bee queens. BMC Genomics, 2015, 16, 563.	2.8	34
9	When a parasite breaks all the rules of a colony: morphology and fate of wasps infected by a strepsipteran endoparasite. Animal Behaviour, 2011, 82, 1305-1312.	1.9	31
10	Transcriptomics of an extended phenotype: parasite manipulation of wasp social behaviour shifts expression of caste-related genes. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170029.	2.6	27
11	Developmental strategy of the endoparasite <i>Xenos vesparum</i> (strepsiptera, Insecta): Host invasion and elusion of its defense reactions. Journal of Morphology, 2007, 268, 588-601.	1.2	23
12	Dynamic changes in host-virus interactions associated with colony founding and social environment in fire ant queens ( <i>Solenopsis invicta</i> ). Ecology and Evolution, 2016, 6, 233-244.	1.9	23
13	Parasitic infection protects wasp larvae against a bacterial challenge. Microbes and Infection, 2010, 12, 727-735.	1.9	21
14	Circulating hemocytes from larvae of the paper wasp <i>Polistes dominulus</i> (Hymenoptera, Vespidae). Tissue and Cell, 2008, 40, 103-112.	2.2	19
15	Parasitic castration by <i>Xenos vesparum</i> depends on host gender. Parasitology, 2014, 141, 1080-1087.	1.5	19
16	Testing male immunocompetence in two hymenopterans with different levels of social organization: "live hard, die young". Biological Journal of the Linnean Society, 2015, 114, 274-278.	1.6	19
17	Examining the "evolution of increased competitive ability" hypothesis in response to parasites and pathogens in the invasive paper wasp <i>Polistes dominula</i> . Die Naturwissenschaften, 2013, 100, 219-228.	1.6	18
18	Candidate genes for cooperation and aggression in the social wasp <i>Polistes dominula</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 449-463.	1.6	17

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19	The strepsipteran endoparasite <i>Xenos vesparum</i> alters the immunocompetence of its host, the paper wasp <i>Polistes dominulus</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 253-259.	2.0	15
20	Neurogenomic Signatures of Successes and Failures in Life-History Transitions in a Key Insect Pollinator. <i>Genome Biology and Evolution</i> , 2017, 9, 3059-3072.	2.5	14
21	Preference of <i>Polistes dominula</i> wasps for trumpet creepers when infected by <i>Xenos vesparum</i> : A novel example of co-evolved traits between host and parasite. <i>PLoS ONE</i> , 2018, 13, e0205201.	2.5	13
22	A Strepsipteran parasite extends the lifespan of workers in a social wasp. <i>Scientific Reports</i> , 2021, 11, 7235.	3.3	8
23	Social isolation and group size are associated with divergent gene expression in the brain of ant queens. <i>Genes, Brain and Behavior</i> , 2022, 21, e12758.	2.2	8
24	Altered feeding behavior and immune competence in paper wasps: A case of parasite manipulation?. <i>PLoS ONE</i> , 2020, 15, e0242486.	2.5	4