

# Laura Bortolotti

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,389  
citations

516561

16  
h-index

345118

36  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic mortality between a neonicotinoid insecticide and an ergosterol biosynthesis-inhibiting fungicide in three bee species. <i>Pest Management Science</i> , 2017, 73, 1236-1243.	1.7	164
2	Detection of Honey Adulteration by Sugar Syrups Using One-Dimensional and Two-Dimensional High-Resolution Nuclear Magnetic Resonance. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 8495-8501.	2.4	143
3	The Status of Honey Bee Health in Italy: Results from the Nationwide Bee Monitoring Network. <i>PLoS ONE</i> , 2016, 11, e0155411.	1.1	100
4	Bees and pesticide regulation: Lessons from the neonicotinoid experience. <i>Biological Conservation</i> , 2020, 241, 108356.	1.9	91
5	Nectar Flavonol Rhamnosides Are Floral Markers of Acacia ( <i>Robinia pseudacacia</i> ) Honey. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8815-8824.	2.4	79
6	<sup>1</sup> H-NMR Simultaneous Identification of Health-Relevant Compounds in Propolis Extracts. <i>Phytochemical Analysis</i> , 2012, 23, 260-266.	1.2	72
7	Influence of brood rearing temperature on honey bee development and susceptibility to poisoning by pesticides. <i>Journal of Apicultural Research</i> , 2010, 49, 52-59.	0.7	69
8	Amino acid content and nectar choice by forager honeybees ( <i>Apis mellifera</i> L.). <i>Amino Acids</i> , 2010, 39, 315-318.	1.2	67
9	Chemical and Functional Characterization of Italian Propolis Obtained by Different Harvesting Methods. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2852-2862.	2.4	63
10	Competition between the native and the introduced hornets <i>Vespa crabro</i> and <i>Vespa velutina</i> : a comparison of potentially relevant life-history traits. <i>Ecological Entomology</i> , 2018, 43, 351-362.	1.1	51
11	Pathogens Spillover from Honey Bees to Other Arthropods. <i>Pathogens</i> , 2021, 10, 1044.	1.2	48
12	Use of Quinoline Alkaloids as Markers of the Floral Origin of Chestnut Honey. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5680-5686.	2.4	45
13	Toxicity of the insecticide sulfoxaflor alone and in combination with the fungicide fluxapyroxad in three bee species. <i>Scientific Reports</i> , 2021, 11, 6821.	1.6	41
14	Linking farmer and beekeeper preferences with ecological knowledge to improve crop pollination. <i>People and Nature</i> , 2019, 1, 562-572.	1.7	32
15	Effects of Non-Protein Amino Acids in Nectar on Bee Survival and Behavior. <i>Journal of Chemical Ecology</i> , 2019, 45, 278-285.	0.9	28
16	Effects of nonprotein amino acids on survival and locomotion of <i>Osmia bicornis</i> . <i>Insect Molecular Biology</i> , 2018, 27, 556-563.	1.0	25
17	Effects of queen mating status, pre-diapause weight and pupae's sex on colony initiation in small-scale rearing of <i>Bombus terrestris</i> . <i>Apidologie</i> , 2017, 48, 845-854.	0.9	21
18	Updated distribution of the invasive <i>Megachile sculpturalis</i> (Hymenoptera: Megachilidae) in Italy and its first record on a Mediterranean island. <i>Biodiversity Data Journal</i> , 2020, 8, e57783.	0.4	21

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19	Hornets and Honey Bees: A Coevolutionary Arms Race between Ancient Adaptations and New Invasive Threats. <i>Insects</i> , 2021, 12, 1037.	1.0	19
20	Nectar chemistry is not only a plant's affair: floral visitors affect nectar sugar and amino acid composition. <i>Oikos</i> , 2021, 130, 1180-1192.	1.2	17
21	Recent confirmation of a single haplotype in the Italian population of <i>Vespa velutina</i> . <i>Biological Invasions</i> , 2019, 21, 2811-2817.	1.2	16
22	Replicative Deformed Wing Virus Found in the Head of Adults from Symptomatic Commercial Bumblebee ( <i>Bombus terrestris</i> ) Colonies. <i>Veterinary Sciences</i> , 2021, 8, 117.	0.6	15
23	Ovicidal action of fenoxycarb on a predator, <i>Chrysoperla carnea</i> (Neuroptera : Chrysopidae).. <i>Applied Entomology and Zoology</i> , 2000, 35, 265-270.	0.6	14
24	Next generation sequencing study on RNA viruses of <i>Vespa velutina</i> and <i>Apis mellifera</i> sharing the same foraging area. <i>Transboundary and Emerging Diseases</i> , 2020, 68, 2261-2273.	1.3	13
25	No evidence for an inbreeding avoidance system in the bumble bee <i>Bombus terrestris</i> . <i>Apidologie</i> , 2018, 49, 473-483.	0.9	12
26	Comparison of Different Pollen Substitutes for the Feeding of Laboratory Reared Bumble Bee ( <i>Bombus Terrestris</i> ) Colonies. <i>Journal of Apicultural Science</i> , 2020, 64, 91-104.	0.1	12
27	Honey bee ( <i>Apis mellifera</i> L.) colonies as bioindicators of environmental SARS-CoV-2 occurrence. <i>Science of the Total Environment</i> , 2022, 805, 150327.	3.9	11
28	Action of fenoxycarb on metamorphosis and cocoon spinning in <i>Chrysoperla carnea</i> (Neuroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 27-32.	1.2	11
29	Seasonal and annual variations in the pollination efficiency of a pollinator community of <i>Dictamnus albus</i> L.. <i>Plant Biology</i> , 2016, 18, 445-454.	1.8	10
30	Female volatiles as sex attractants in the invasive population of <i>Vespa velutina nigrithorax</i> . <i>Journal of Insect Physiology</i> , 2019, 119, 103952.	0.9	10
31	Occurrence of Honey Bee ( <i>Apis mellifera</i> L.) Pathogens in Wild Pollinators in Northern Italy. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	10
32	Pollen load diversity and foraging niche overlap in a pollinator community of the rare <i>Dictamnus albus</i> L.. <i>Arthropod-Plant Interactions</i> , 2018, 12, 191-200.	0.5	9
33	Invasion genetics of the Asian hornet <i>Vespa velutina nigrithorax</i> in Southern Europe. <i>Biological Invasions</i> , 2022, 24, 1479-1494.	1.2	9
34	Different reproductive strategies and their possible relation to inbreeding risk in the bumble bee <i>Bombus terrestris</i> . <i>Insectes Sociaux</i> , 2018, 65, 289-295.	0.7	7
35	Influence of inbreeding in the early stages of artificially reared colonies of <i>Bombus terrestris</i> . <i>Journal of Applied Entomology</i> , 2020, 144, 637-646.	0.8	7
36	Pollination in Agroecosystems: A Review of the Conceptual Framework with a View to Sound Monitoring. <i>Land</i> , 2021, 10, 540.	1.2	6

#	ARTICLE	IF	CITATIONS
37	Gender-biased nectar targets different behavioural traits of flower visitors. <i>Plant Ecology</i> , 2021, 222, 233-246.	0.7	5
38	Beewatching: A Project for Monitoring Bees through Photos. <i>Insects</i> , 2021, 12, 841.	1.0	4
39	10.1023/A:1019234709744. , 2011, , .		4
40	Ploidy determination in <i>Bombus terrestris</i> males: cost-efficiency comparison among different techniques. <i>Journal of Apicultural Research</i> , 2022, 61, 180-189.	0.7	3
41	Cuckoo male bumblebees perform slower and longer flower visits than free-living male and worker bumblebees. <i>Belgian Journal of Zoology</i> , 0, 151, .	0.5	2
42	Network analysis highlights increased generalisation and evenness of plant-pollinator interactions after conservation measures. <i>Acta Oecologica</i> , 2021, 110, 103689.	0.5	1
43	Biodiversity Evaluation: From Endorsed Indexes to Inclusion of a Pollinator Indicator. <i>Diversity</i> , 2021, 13, 477.	0.7	1
44	How to get rid of diploid bumblebee males – variability in wing size and shape does not allow within-colony ploidy discrimination. <i>Entomologia Experimentalis Et Applicata</i> , 2022, 170, 182-192.	0.7	1
45	An Analysis of Ecological Indicators Applied to Agricultural Ecosystems: What to Retain to Shape a Future Indicator for Pollinators &sup>&sup>. , 0, , .		0