

Maryse Vanderplanck

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,645
citations

331670

21
h-index

315739

38
g-index

48
all docs

48
docs citations

48
times ranked

1446
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations in Nutritional Requirements Across Bee Species. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	15
2	Poison or Potion: Effects of Sunflower Phenolamides on Bumble Bees and Their Gut Parasite. <i>Biology</i> , 2022, 11, 545.	2.8	8
3	Ozone Pollution Alters Olfaction and Behavior of Pollinators. <i>Antioxidants</i> , 2021, 10, 636.	5.1	22
4	Specialized Metabolites in Floral Resources: Effects and Detection in Buff-Tailed Bumblebees. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	5
5	Ozone Induces Distress Behaviors in Fig Wasps with a Reduced Chance of Recovery. <i>Insects</i> , 2021, 12, 995.	2.2	10
6	Sterol addition during pollen collection by bees: another possible strategy to balance nutrient deficiencies?. <i>Apidologie</i> , 2020, 51, 826-843.	2.0	8
7	Does pollination syndrome reflect pollinator efficiency in <i>Silene nutans</i> ?. <i>Acta Oecologica</i> , 2020, 105, 103557.	1.1	3
8	Asteraceae Paradox: Chemical and Mechanical Protection of <i>Taraxacum</i> Pollen. <i>Insects</i> , 2020, 11, 304.	2.2	38
9	The impact of pollen quality on the sensitivity of bumblebees to pesticides. <i>Acta Oecologica</i> , 2020, 105, 103552.	1.1	15
10	Pollen Protein: Lipid Macronutrient Ratios May Guide Broad Patterns of Bee Species Floral Preferences. <i>Insects</i> , 2020, 11, 132.	2.2	128
11	Generalized host-plant feeding can hide sterol-specialized foraging behaviors in bee-plant interactions. <i>Ecology and Evolution</i> , 2020, 10, 150-162.	1.9	14
12	Global warming and plant-pollinator mismatches. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 77-86.	2.6	128
13	Bumble bee parasite prevalence but not genetic diversity impacted by the invasive plant <i>Impatiens glandulifera</i> . <i>Ecosphere</i> , 2019, 10, e02804.	2.2	9
14	Comparison of the Sex Pheromone Composition of <i>Harmonia axyridis</i> Originating from Native and Invaded Areas. <i>Insects</i> , 2019, 10, 326.	2.2	4
15	Ensuring access to high-quality resources reduces the impacts of heat stress on bees. <i>Scientific Reports</i> , 2019, 9, 12596.	3.3	46
16	The taste of origin in a lady beetle: do males discriminate between females based on cuticular hydrocarbons?. <i>Physiological Entomology</i> , 2019, 44, 160-168.	1.5	1
17	Cuticular hydrocarbon composition does not allow <i>Harmonia axyridis</i> males to identify the mating status of sexual partners. <i>Entomologia Generalis</i> , 2019, 38, 211-224.	3.1	8
18	Impact of necrophagous insects on the emission of volatile organic compounds released during the decaying process. <i>Entomologia Generalis</i> , 2019, 39, 19-31.	3.1	7

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19	Patterns of size variation in bees at a continental scale: does Bergmann's rule apply?. <i>Oikos</i> , 2018, 127, 1095-1103.	2.7	48
20	Is non- host pollen suitable for generalist bumblebees?. <i>Insect Science</i> , 2018, 25, 259-272.	3.0	43
21	Stressful conditions reveal decrease in size, modification of shape but relatively stable asymmetry in bumblebee wings. <i>Scientific Reports</i> , 2018, 8, 15169.	3.3	44
22	Integration of non-targeted metabolomics and automated determination of elemental compositions for comprehensive alkaloid profiling in plants. <i>Phytochemistry</i> , 2018, 154, 1-9.	2.9	10
23	Impact of pollen resources drift on common bumblebees in NW Europe. <i>Global Change Biology</i> , 2017, 23, 68-76.	9.5	36
24	Pollen nutrients better explain bumblebee colony development than pollen diversity. <i>Insect Conservation and Diversity</i> , 2017, 10, 171-179.	3.0	74
25	Elevated Carbon Dioxide Concentration Reduces Alarm Signaling in Aphids. <i>Journal of Chemical Ecology</i> , 2017, 43, 164-171.	1.8	17
26	The importance of pollen chemistry in evolutionary host shifts of bees. <i>Scientific Reports</i> , 2017, 7, 43058.	3.3	30
27	Invasive plants as potential food resource for native pollinators: A case study with two invasive species and a generalist bumble bee. <i>Scientific Reports</i> , 2017, 7, 16242.	3.3	23
28	Diet effects on bumblebee health. <i>Journal of Insect Physiology</i> , 2017, 96, 128-133.	2.0	80
29	Bumblebees depend on ericaceous species to survive in temperate heathlands. <i>Insect Conservation and Diversity</i> , 2017, 10, 78-93.	3.0	20
30	Do floral resources influence pollination rates and subsequent fruit set in pear (<i>Pyrus communis</i> L.) and apple (<i>Malus x domestica</i> Borkh) cultivars?. <i>European Journal of Agronomy</i> , 2016, 77, 59-69.	4.1	51
31	Food in a row: urban trees offer valuable floral resources to pollinating insects. <i>Urban Ecosystems</i> , 2016, 19, 1149-1161.	2.4	73
32	Mechanisms involved in pearlfish resistance to holothuroid toxins. <i>Marine Biology</i> , 2016, 163, 1.	1.5	6
33	Growth Rate of Bumblebee Larvae is Related to Pollen Amino Acids. <i>Journal of Economic Entomology</i> , 2016, 109, 25-30.	1.8	54
34	Interspecific Variation in Bumblebee Performance on Pollen Diet: New Insights for Mitigation Strategies. <i>PLoS ONE</i> , 2016, 11, e0168462.	2.5	22
35	Do aphids actively search for ant partners?. <i>Insect Science</i> , 2015, 22, 283-288.	3.0	3
36	Pollen and nectar quality drive the major and minor floral choices of bumble bees. <i>Apidologie</i> , 2015, 46, 92-106.	2.0	124

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37	The composition of cuticular compounds indicates body parts, sex and age in the model butterfly <i>Bicyclus anynana</i> (Lepidoptera). <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	29
38	Is conspecific substrate marking a long-term external memory of previously colonized overwintering sites in <i>Homocidus axyridis</i> ? <i>Journal of Applied Entomology</i> , 2014, 138, 338-345.	1.8	2
39	Standardized protocol to evaluate pollen polypeptides as bee food source. <i>Apidologie</i> , 2014, 45, 192-204.	2.0	54
40	How Does Pollen Chemistry Impact Development and Feeding Behaviour of Polylectic Bees?. <i>PLoS ONE</i> , 2014, 9, e86209.	2.5	148
41	Temperature regimes and aphid density interactions differentially influence VOC emissions in <i>Arabidopsis</i> . <i>Arthropod-Plant Interactions</i> , 2014, 8, 317.	1.1	13
42	Scent of a break-up: phylogeography and reproductive trait divergences in the red-tailed bumblebee (<i>Bombus lapidarius</i>). <i>BMC Evolutionary Biology</i> , 2013, 13, 263.	3.2	55
43	Does <i>Aconitum septentrionale</i> chemically protect floral rewards to the advantage of specialist bumblebees?. <i>Ecological Entomology</i> , 2013, 38, 400-407.	2.2	47
44	Substrate Marking by an Invasive Ladybeetle: Seasonal Changes in Hydrocarbon Composition and Behavioral Responses. <i>PLoS ONE</i> , 2013, 8, e61124.	2.5	7
45	Micro-Quantitative Method for Analysis of Sterol Levels in Honeybees and Their Pollen Loads. <i>Analytical Letters</i> , 2011, 44, 1807-1820.	1.8	34
46	Fossil bees and their plant associates. , 2011, , 103-164.		18
47	Monitoring bee health in European agro-ecosystems using wing morphology and fat bodies. <i>One Ecosystem</i> , 0, 6, .	0.0	10
48	Oligolectisme et calage phénotypique entre plante hôte et pollinisateur : Étude de deux espèces printanières psammophiles, <i>Colletes cunicularius</i> (L.) (Hymenoptera, Colletidae) et <i>Andrena vaga</i> (Panzer) (Hymenoptera, Andrenidae). <i>Osmia</i> , 0, 3, 23-27.	0.0	1