

Luisa G Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

8,296
citations

201674

27
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

7132
citing authors

#	ARTICLE	IF	CITATIONS
1	Wild Pollinators Enhance Fruit Set of Crops Regardless of Honey Bee Abundance. <i>Science</i> , 2013, 339, 1608-1611.	12.6	1,767
2	A global quantitative synthesis of local and landscape effects on wild bee pollinators in agroecosystems. <i>Ecology Letters</i> , 2013, 16, 584-599.	6.4	875
3	Stability of pollination services decreases with isolation from natural areas despite honey bee visits. <i>Ecology Letters</i> , 2011, 14, 1062-1072.	6.4	681
4	Delivery of crop pollination services is an insufficient argument for wild pollinator conservation. <i>Nature Communications</i> , 2015, 6, 7414.	12.8	656
5	Non-bee insects are important contributors to global crop pollination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 146-151.	7.1	618
6	A global synthesis reveals biodiversity-mediated benefits for crop production. <i>Science Advances</i> , 2019, 5, eaax0121.	10.3	524
7	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7863-E7870.	7.1	401
8	From research to action: enhancing crop yield through wild pollinators. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 439-447.	4.0	363
9	Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms. <i>Science</i> , 2016, 351, 388-391.	12.6	342
10	A global synthesis of the effects of diversified farming systems on arthropod diversity within fields and across agricultural landscapes. <i>Global Change Biology</i> , 2017, 23, 4946-4957.	9.5	259
11	Fit-for-Purpose: Species Distribution Model Performance Depends on Evaluation Criteria – Dutch Hoverflies as a Case Study. <i>PLoS ONE</i> , 2013, 8, e63708.	2.5	207
12	Pollination services decline with distance from natural habitat even in biodiversity-rich areas. <i>Journal of Applied Ecology</i> , 2010, 47, 810-820.	4.0	201
13	EDITOR'S CHOICE: REVIEW: Trait matching of flower visitors and crops predicts fruit set better than trait diversity. <i>Journal of Applied Ecology</i> , 2015, 52, 1436-1444.	4.0	136
14	Creating patches of native flowers facilitates crop pollination in large agricultural fields: mango as a case study. <i>Journal of Applied Ecology</i> , 2012, 49, 1373-1383.	4.0	128
15	The impact of over 80 years of land cover changes on bee and wasp pollinator communities in England. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150294.	2.6	120
16	Pollinator conservation – the difference between managing for pollination services and preserving pollinator diversity. <i>Current Opinion in Insect Science</i> , 2015, 12, 93-101.	4.4	118
17	Apparent competition can compromise the safety of highly specific biocontrol agents. <i>Ecology Letters</i> , 2008, 11, 690-700.	6.4	97
18	Ecological specialization matters: long-term trends in butterfly species richness and assemblage composition depend on multiple functional traits. <i>Diversity and Distributions</i> , 2015, 21, 792-802.	4.1	95

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19	Responses of bees to habitat loss in fragmented landscapes of Brazilian Atlantic Rainforest. <i>Landscape Ecology</i> , 2015, 30, 2067-2078.	4.2	77
20	Beekeeping practices and geographic distance, not land use, drive gene flow across tropical bees. <i>Molecular Ecology</i> , 2016, 25, 5345-5358.	3.9	66
21	The effects of soil eutrophication propagate to higher trophic levels. <i>Global Ecology and Biogeography</i> , 2017, 26, 18-30.	5.8	60
22	Functional traits help to explain half-century long shifts in pollinator distributions. <i>Scientific Reports</i> , 2016, 6, 24451.	3.3	49
23	Diet breadth influences how the impact of invasive plants is propagated through food webs. <i>Ecology</i> , 2010, 91, 1063-1074.	3.2	47
24	Susceptibility of pollinators to ongoing landscape changes depends on landscape history. <i>Diversity and Distributions</i> , 2015, 21, 1129-1140.	4.1	43
25	Wild insect diversity increases inter-annual stability in global crop pollinator communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210212.	2.6	43
26	Pollination and biological control research: are we neglecting two billion smallholders. <i>Agriculture and Food Security</i> , 2014, 3, .	4.2	39
27	Tree species from different functional groups respond differently to environmental changes during establishment. <i>Oecologia</i> , 2014, 174, 1345-1357.	2.0	34
28	Short-Term Effect of Nutrient Availability and Rainfall Distribution on Biomass Production and Leaf Nutrient Content of Savanna Tree Species. <i>PLoS ONE</i> , 2014, 9, e92619.	2.5	32
29	Crop fertilization affects pollination service provision – Common bean as a case study. <i>PLoS ONE</i> , 2018, 13, e0204460.	2.5	30
30	Soil eutrophication shaped the composition of pollinator assemblages during the past century. <i>Ecography</i> , 2020, 43, 209-221.	4.5	26
31	Historical changes in the importance of climate and land use as determinants of Dutch pollinator distributions. <i>Journal of Biogeography</i> , 2017, 44, 696-707.	3.0	23
32	Forest and connectivity loss simplify tropical pollination networks. <i>Oecologia</i> , 2020, 192, 577-590.	2.0	22
33	The role of soils on pollination and seed dispersal. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200171.	4.0	17
34	Soil-derived Nature's Contributions to People and their contribution to the UN Sustainable Development Goals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200185.	4.0	15
35	Positive forest cover effects on coffee yields are consistent across regions. <i>Journal of Applied Ecology</i> , 2022, 59, 330-341.	4.0	12
36	Temporal-Spatial Dynamics in Orthoptera in Relation to Nutrient Availability and Plant Species Richness. <i>PLoS ONE</i> , 2013, 8, e71736.	2.5	11

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37	Exotic plants growing in crop field margins provide little support to mango crop flower visitors. <i>Agriculture, Ecosystems and Environment</i> , 2017, 250, 72-80.	5.3	10
38	Population genomics of <i>Bombus terrestris</i> reveals high but unstructured genetic diversity in a potential glacial refugium. <i>Biological Journal of the Linnean Society</i> , 2020, 129, 259-272.	1.6	10
39	Testing projected wild bee distributions in agricultural habitats: predictive power depends on species traits and habitat type. <i>Ecology and Evolution</i> , 2015, 5, 4426-4436.	1.9	9
40	Effects of ozone air pollution on crop pollinators and pollination. <i>Global Environmental Change</i> , 2022, 75, 102529.	7.8	9