Tatiana Cornelissen

List of Publications by Year
in descending order

59	3,031	279798	168389
papers	citations	23 h-index	53 g-index

60	60	60	3893
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecology and evolution of plant diversity in the endangered campo rupestre: a neglected conservation priority. Plant and Soil, 2016, 403, 129-152.	3.7	467
2	How does elevated carbon dioxide (CO₂) affect plantâ€“herbivore interactions? A field experiment and metaâ€analysis of CO₂â€mediated changes on plant chemistry and herbivore performance. Global Change Biology, 2007, 13, 1823-1842.	9.5	358
3	Ants on plants: a meta-analysis of the role of ants as plant biotic defenses. Oecologia, 2009, 160, 537-549.	2.0	321
4	What makes a successful biocontrol agent? A meta-analysis of biological control agent performance. Biological Control, 2005, 34, 236-246.	3.0	238
5	Sex-biased herbivory: a meta-analysis of the effects of gender on plant-herbivore interactions. Oikos, 2005, 111, 488-500.	2.7	191
6	Size does matter: variation in herbivory between and within plants and the plant vigor hypothesis. Oikos, 2008, 117, 1121-1130.	2.7	170
7	Climate change and its effects on terrestrial insects and herbivory patterns. Neotropical Entomology, 2011, 40, 155-163.	1.2	170
8	The effects of landscape patterns on ecosystem services: meta-analyses of landscape services. Landscape Ecology, 2018, 33, 1247-1257.	4.2	127
9	How do primates affect seed germination? A metaâ€analysis of gut passage effects on neotropical plants. Oikos, 2016, 125, 1069-1080.	2.7	67
10	Perfect is best: low leaf fluctuating asymmetry reduces herbivory by leaf miners. Oecologia, 2005, 142, 46-56.	2.0	60
11	A Meta-Analysis of the Effects of Fragmentation on Herbivorous Insects. Environmental Entomology, 2014, 43, 537-545.	1.4	59
12	Shelter-Building Insects and Their Role as Ecosystem Engineers. Neotropical Entomology, 2016, 45, 1-12.	1.2	56
13	Effects of fire disturbance on ant abundance and diversity: a global meta-analysis. Biodiversity and Conservation, 2017, 26, 177-188.	2.6	52
14	Does low nutritional quality act as a plant defence? An experimental test of the slow-growth, high-mortality hypothesis. Ecological Entomology, 2006, 31, 32-40.	2.2	47
15	Defence, growth and nutrient allocation in the tropical shrub Bauhinia brevipes (Leguminosae). Austral Ecology, 2001, 26, 246-253.	1.5	41
16	Towards the flower economics spectrum. New Phytologist, 2021, 229, 665-672.	7.3	41
17	Opposite latitudinal patterns for bird and arthropod predation revealed in experiments with differently colored artificial prey. Ecology and Evolution, 2019, 9, 14273-14285.	1.9	39
18	Clumped distribution of oak leaf miners between and within plants. Basic and Applied Ecology, 2008, 9, 67-77.	2.7	35

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19	Elevated CO2 decreases leaf fluctuating asymmetry and herbivory by leaf miners on two oak species. Global Change Biology, 2004, 10, 27-36.	9.5	33
20	Similar responses of insect herbivores to leaf fluctuating asymmetry. Arthropod-Plant Interactions, 2011, 5, 59-69.	1.1	30
21	Cerrado to Rupestrian Grasslands: Patterns of Species Distribution and the Forces Shaping Them Along an Altitudinal Gradient. , 2016, , 345-377.		30
22	Responses of different herbivore guilds to nutrient addition and natural enemy exclusion. Ecoscience, 2006, 13, 66-74.	1.4	28
23	The effect of fluctuating asymmetry and leaf nutrients on gall abundance and survivorship. Basic and Applied Ecology, 2013, 14, 489-495.	2.7	28
24	Patterns of attack by herbivores on the tropical shrub Bauhinia brevipes (Leguminosae): Vigour or chance?. European Journal of Entomology, 2001, 98, 37-40.	1.2	28
25	Insect Herbivores ofCoccoloba cereiferaDo Not Select Asymmetric Plants. Environmental Entomology, 2010, 39, 849-855.	1.4	23
26	Induced defences in the neotropical tree Bauhinia brevipes (Vog.) to herbivory: effects of damage-induced changes on leaf quality and insect attack. Trees - Structure and Function, 2001, 15, 236-241.	1.9	21
27	Revisiting florivory: an integrative review and global patterns of a neglected interaction. New Phytologist, 2022, 233, 132-144.	7.3	20
28	Spatial, bottomâ€up, and topâ€down effects on the abundance of a leaf miner. Ecography, 2009, 32, 459-467.	4.5	18
29	How many leaves are enough? The influence of sample size on estimates of plant developmental instability and leaf asymmetry. Ecological Indicators, 2018, 89, 912-924.	6.3	17
30	Plant Resistance Against Gall-forming Insects: The Role of Hypersensitivity. , 2002, , 137-152.		15
31	Frugivory and seed dispersal in a hyperdiverse plant clade and its role as a keystone resource for the Neotropical fauna. Annals of Botany, 2021, 127, 577-595.	2.9	15
32	Small Variations over Large Scales: Fluctuating Asymmetry over the Range of Two Oak Species. International Journal of Plant Sciences, 2010, 171, 303-309.	1.3	14
33	Reproducibility of fluctuating asymmetry measurements in plants: Sources of variation and implications for study design. Ecological Indicators, 2017, 73, 733-740.	6.3	14
34	Are extrafloral nectaries efficient against herbivores? Herbivory and plant defenses in contrasting tropical species. Journal of Plant Ecology, 2020, 13, 423-430.	2.3	14
35	Leaf herbivory and fluctuating asymmetry as indicators of mangrove stress. Wetlands Ecology and Management, 2019, 27, 571-580.	1.5	12
36	Climate variability and aridity modulate the role of leaf shelters for arthropods: A global experiment. Global Change Biology, 2022, 28, 3694-3710.	9.5	12

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37	Interspecific competition influences the organization of a diverse sessile insect community. Acta Oecologica, 2013, 52, 15-18.	1.1	11
38	Fluctuating asymmetry in leaves and flowers of sympatric species in a tropical montane environment. Plant Species Biology, 2017, 32, 3-12.	1.0	10
39	Interactions between wood-inhabiting fungi and termites: a meta-analytical review. Arthropod-Plant Interactions, 2018, 12, 229-235.	1.1	10
40	Wing asymmetry of a butterfly community: is altitude a source of stress?. Community Ecology, 2019, 20, 252-257.	0.9	9
41	Gallers as leaf rollers: ecosystem engineering in a tropical system and its effects on arthropod biodiversity. Ecological Entomology, 2021, 46, 470-481.	2.2	9
42	How much leaf area do insects eat? A data set of insect herbivory sampled globally with a standardized protocol. Ecology, 2021, 102, e03301.	3.2	9
43	Indirect effects of ecosystem engineering by insects in a tropical liana. Arthropod-Plant Interactions, 2019, 13, 499-504.	1.1	8
44	Urban gradients alter the diversity, specific composition and guild distribution in tropical butterfly communities. Urban Ecosystems, 2020, 23, 723-730.	2.4	7
45	Is elevation a strong environmental filter? Combining taxonomy, functional traits and phylogeny of butterflies in a tropical mountain. Ecological Entomology, 2022, 47, 613-625.	2.2	7
46	Plant architecture influences gall abundance in a tropical montane plant species. Acta Botanica Brasilica, 2018, 32, 670-674.	0.8	6
47	Butterflies (Lepidoptera: Papilionoidea) from the campos rupestres of Serra de SÃ£o JosÃ©, Minas Gerais, Brazil. Biota Neotropica, 2019, 19, .	0.5	5
48	Differences in leaf nutrients and developmental instability in relation to induced resistance to a gall midge. Arthropod-Plant Interactions, 2017, 11, 163-170.	1.1	4
49	Fluctuating Asymmetry as a Bioindicator of Environmental Stress Caused by Pollution in a Pioneer Plant Species. Environmental Entomology, 2018, 47, 1479-1484.	1.4	4
50	Diversity of coleopterans associated with cattle dung in open pastures and silvopastoral systems in the brazilian amazon. Agroforestry Systems, 2020, 94, 2277-2287.	2.0	4
51	Induced responses in the neotropical shrub Bauhinia brevipes Vogel: does early season herbivory function as cue to plant resistance?. Arthropod-Plant Interactions, 2011, 5, 245-253.	1.1	3
52	Effects of plant quality and ant defence on herbivory rates in a neotropical antâ€plant. Ecological Entomology, 2017, 42, 668-674.	2.2	3
53	How do soil resources affect herbivory in tropical plants along environmental gradients? A test using contrasting congeneric species. Plant Ecology, 2021, 222, 1281-1295.	1.6	2
54	Interactions of gallâ€formers and leafâ€chewers on a tropical tree fern: evidence for nonâ€repulsion and coâ€occurrence between insect guilds. Plant Biology, 2021, 23, 1037-1043.	3.8	2

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55	Elevated CO₂ concentration improves the performance of an agricultural pest: a worrisome climate crisis scenario. Entomologia Experimentalis Et Applicata, 2021, 169, 1068-1080.	1.4	2
56	Subtle structures with notâ€soâ€subtle functions: A data set of arthropod constructs and their host plants. Ecology, 2022, 103, e3639.	3.2	2
57	What triggers phenological events in plants under seasonal environments? A study with phylogenetically related plant species in sympatry. Brazilian Journal of Biology, 2022, 84, e257969.	0.9	2
58	Antagonistic Interactions in the Rupestrian Grasslands: New Insights and Perspectives. , 2016, , 315-343.		1
59	Arthropod Constructs and Host Plants. Bulletin of the Ecological Society of America, 2022, 103, .	0.2	0