

# Sunshine Van Bael

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,208  
citations

279487

23  
h-index

182168

51  
g-index

56  
all docs

56  
docs citations

56  
times ranked

4569  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global patterns of leaf mechanical properties. <i>Ecology Letters</i> , 2011, 14, 301-312.	3.0	418
2	Endophytic fungi as biocontrol agents of <i>Theobroma cacao</i> pathogens. <i>Biological Control</i> , 2008, 46, 4-14.	1.4	346
3	ECOLOGICAL IMPLICATIONS OF ANTI-PATHOGEN EFFECTS OF TROPICAL FUNGAL ENDOPHYTES AND MYCORRHIZAE. <i>Ecology</i> , 2007, 88, 550-558.	1.5	246
4	<i>Colletotrichum gloeosporioides</i> s.l. associated with <i>Theobroma cacao</i> and other plants in Panama; multilocus phylogenies distinguish host-associated pathogens from asymptomatic endophytes. <i>Mycologia</i> , 2010, 102, 1318-1338.	0.8	236
5	BIRDS AS PREDATORS IN TROPICAL AGROFORESTRY SYSTEMS. <i>Ecology</i> , 2008, 89, 928-934.	1.5	200
6	Bird and bat predation services in tropical forests and agroforestry landscapes. <i>Biological Reviews</i> , 2016, 91, 1081-1101.	4.7	182
7	Birds defend trees from herbivores in a Neotropical forest canopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8304-8307.	3.3	176
8	Interactions among predators and the cascading effects of vertebrate insectivores on arthropod communities and plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7335-7340.	3.3	175
9	Pervasive effects of a dominant foliar endophytic fungus on host genetic and phenotypic expression in a tropical tree. <i>Frontiers in Microbiology</i> , 2014, 5, 479.	1.5	135
10	Symbiotic fungi alter plant chemistry that discourages leaf-cutting ants. <i>New Phytologist</i> , 2013, 198, 241-251.	3.5	95
11	Divergent drivers of leaf trait variation within species, among species, and among functional groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5480-5485.	3.3	94
12	Conservation in tropical landscape mosaics: the case of the cacao landscape of southern Bahia, Brazil. <i>Biodiversity and Conservation</i> , 2011, 20, 1635-1654.	1.2	92
13	General herbivore outbreak following an El Niño-related drought in a lowland Panamanian forest. <i>Journal of Tropical Ecology</i> , 2004, 20, 625-633.	0.5	88
14	Bird diversity in cacao farms and forest fragments of western Panama. <i>Biodiversity and Conservation</i> , 2007, 16, 2245-2256.	1.2	68
15	Two fungal symbioses collide: endophytic fungi are not welcome in leaf-cutting ant gardens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2419-2426.	1.2	58
16	Endophytic fungi reduce leaf-cutting ant damage to seedlings. <i>Biology Letters</i> , 2011, 7, 30-32.	1.0	50
17	Shifts in Symbiotic Endophyte Communities of a Foundational Salt Marsh Grass following Oil Exposure from the Deepwater Horizon Oil Spill. <i>PLoS ONE</i> , 2015, 10, e0122378.	1.1	40
18	Effects of Foliar Endophytic Fungi on the Preference and Performance of the Leaf Beetle <i>Chelymorpha alternans</i> in Panama. <i>Biotropica</i> , 2009, 41, 221-225.	0.8	35

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19	The direct and indirect effects of insectivory by birds in two contrasting Neotropical forests. <i>Oecologia</i> , 2005, 145, 658-668.	0.9	33
20	The direct and indirect effects of insectivory by birds in two contrasting Neotropical forests. <i>Oecologia</i> , 2005, 143, 106-116.	0.9	31
21	Endophytic fungi increase the processing rate of leaves by leaf-cutting ants ( <i>Atta</i> ). <i>Ecological Entomology</i> , 2012, 37, 318-321.	1.1	30
22	Bird predation on insects reduces damage to the foliage of cocoa trees ( <i>Theobroma cacao</i> ) in western Panama. <i>Journal of Tropical Ecology</i> , 2007, 23, 715-719.	0.5	27
23	Persisting responses of salt marsh fungal communities to the Deepwater Horizon oil spill. <i>Science of the Total Environment</i> , 2018, 642, 904-913.	3.9	25
24	Emerging Perspectives on the Ecological Roles of Endophytic Fungi in Tropical Plants. <i>Mycology</i> , 2005, , 181-191.	0.5	24
25	Anthropogenic stressors affect fungal more than bacterial communities in decaying leaf litter: A stream mesocosm experiment. <i>Science of the Total Environment</i> , 2020, 716, 135053.	3.9	23
26	Red coloration in young tropical leaves associated with reduced fungal pathogen damage. <i>Biotropica</i> , 2016, 48, 150-153.	0.8	22
27	Degradation of Macondo 252 oil by endophytic <i>Pseudomonas putida</i> . <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 643-648.	3.3	22
28	Tropical plants as chimera: some implications of foliar endophytic fungi for the study of host-plant defence, physiology and genetics. , 2005, , 226-238.		21
29	Caterpillar abundance and parasitism in a seasonally dry versus wet tropical forest of Panama. <i>Journal of Tropical Ecology</i> , 2011, 27, 51-58.	0.5	20
30	Chapter 6 Foliar Endophyte Communities and Leaf Traits in Tropical Trees. <i>Mycology</i> , 2017, , 79-94.	0.5	20
31	Field colonies of leaf-cutting ants select plant materials containing low abundances of endophytic fungi. <i>Ecosphere</i> , 2013, 4, art66.	1.0	19
32	Fungal-Fungal Interactions in Leaf-Cutting Ant Agriculture. <i>Psyche: Journal of Entomology</i> , 2011, 2011, 1-9.	0.4	17
33	Leaf endophyte load influences fungal garden development in leaf-cutting ants. <i>BMC Ecology</i> , 2012, 12, 23.	3.0	16
34	Rhizosphere microbial communities reflect genotypic and trait variation in a salt marsh ecosystem engineer. <i>American Journal of Botany</i> , 2020, 107, 941-949.	0.8	14
35	Plant-Microbial Symbioses in Coastal Systems: Their Ecological Importance and Role in Coastal Restoration. <i>Estuaries and Coasts</i> , 2022, 45, 1805-1822.	1.0	12
36	Divergent biotic and abiotic filtering of root endosphere and rhizosphere soil fungal communities along ecological gradients. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	11

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37	Bird communities in forested and human-modified landscapes of Central Panama: a baseline survey for a native species reforestation treatment. <i>International Journal of Biodiversity Science, Ecosystem Services &amp; Management</i> , 2013, 9, 281-289.	2.9	10
38	Selective elimination of microfungi in leaf-cutting ant gardens. <i>Fungal Ecology</i> , 2016, 24, 15-20.	0.7	10
39	Fungal endophyte effects on leaf chemistry alter the in vitro growth rates of leaf-cutting ants' fungal mutualist, <i>Leucocoprinus gongylophorus</i> . <i>Fungal Ecology</i> , 2014, 8, 37-45.	0.7	9
40	An endophyte-rich diet increases ant predation on a specialist herbivorous insect. <i>Ecological Entomology</i> , 2015, 40, 316-321.	1.1	8
41	Fungal diversity in galls of baldcypress trees. <i>Fungal Ecology</i> , 2017, 29, 85-89.	0.7	8
42	Relationships between Foliar Fungal Endophyte Communities and Ecophysiological Traits of CAM and C3 Epiphytic Bromeliads in a Neotropical Rainforest. <i>Diversity</i> , 2020, 12, 378.	0.7	7
43	Fungal Diversity. <i>Diversity</i> , 2020, 12, 437.	0.7	6
44	Bacterial and fungal endophyte communities differ in trees of natural versus wastewater-treatment wetlands. <i>Wetlands Ecology and Management</i> , 2019, 27, 711-723.	0.7	5
45	Microbial mediation of salinity stress response varies by plant genotype and provenance over time. <i>Molecular Ecology</i> , 2022, 31, 4571-4585.	2.0	5
46	Physical Damage in Relation to Carbon Allocation Strategies of Tropical Forest Tree Saplings. <i>Biotropica</i> , 2004, 36, 410-413.	0.8	4
47	Abiotic and biotic drivers of endosymbiont community assembly in <i>Jatropha curcas</i> . <i>Ecosphere</i> , 2019, 10, e02941.	1.0	3
48	Water Level and Salinity Drive Community Structure of Culturable Baldcypress ( <i>Taxodium distichum</i> ) Endophytes in Southern Louisiana. <i>Wetlands</i> , 2019, 39, 329-335.	0.7	3
49	Salinity, Water Level, and Forest Structure Contribute to Baldcypress ( <i>Taxodium distichum</i> ) Rhizosphere and Endosphere Community Structure. <i>Wetlands</i> , 2020, 40, 2179-2188.	0.7	3
50	Limited persistence of endophytic fungi in leaf-cutting ant gardens. <i>Neotropical Biology and Conservation</i> , 2011, 6, 1-4.	0.4	3
51	Influence of soil microbiota on <i>Taxodium distichum</i> seedling performance during extreme flooding events. <i>Plant Ecology</i> , 2020, 221, 773-793.	0.7	2
52	Alterations of endophytic microbial community function in <i>Spartina alterniflora</i> as a result of crude oil exposure. <i>Biodegradation</i> , 2022, 33, 87-98.	1.5	1
53	Data on strains of fungi cultured from baldcypress leaves and gall tissue. <i>Data in Brief</i> , 2017, 14, 793-803.	0.5	0
54	Addendum: Tellez, P.H.; et al. Relationships between Foliar Fungal Endophyte Communities and Ecophysiological Traits of CAM and C3 Epiphytic Bromeliads in a Neotropical Rainforest. <i>Diversity</i> 2020, 12, 378. <i>Diversity</i> , 2021, 13, 4.	0.7	0

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55	Spatial and temporal comparisons of salt marsh soil fungal communities following the deepwater horizon spill. <i>Wetlands Ecology and Management</i> , 0, , 1.	0.7	0