

# Sandra M Duran

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,751  
citations

430874

18  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
2	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
3	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
4	The <i>bien</i> package: A tool to access the Botanical Information and Ecology Network (BIEN) database. <i>Methods in Ecology and Evolution</i> , 2018, 9, 373-379.	5.2	241
5	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
6	Climate shapes and shifts functional biodiversity in forests worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 587-592.	7.1	131
7	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019, 3, 928-934.	7.8	120
8	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
9	Wildfire smoke and public health risk. <i>International Journal of Wildland Fire</i> , 2015, 24, 1029.	2.4	96
10	Carbon stocks in tropical forests decrease with liana density. <i>Biology Letters</i> , 2013, 9, 20130301.	2.3	68
11	Informing trait-based ecology by assessing remotely sensed functional diversity across a broad tropical temperature gradient. <i>Science Advances</i> , 2019, 5, eaaw8114.	10.3	51
12	Estimation of aboveground net primary productivity in secondary tropical dry forests using the Carnegie–Ames–Stanford approach (CASA) model. <i>Environmental Research Letters</i> , 2016, 11, 075004.	5.2	44
13	The relative importance of climate, stand variables and liana abundance for carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015, 24, 939-949.	5.8	35
14	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
15	A Test of the Utility of Exotic Tree Plantations for Understory Birds and Food Resources in the Colombian Andes. <i>Biotropica</i> , 2005, 37, 129-135.	1.6	33
16	Assessing ecosystem services in Neotropical dry forests: a systematic review. <i>Environmental Conservation</i> , 2017, 44, 34-43.	1.3	30
17	Can terrestrial laser scanners (TLSs) and hemispherical photographs predict tropical dry forest succession with liana abundance?. <i>Biogeosciences</i> , 2017, 14, 977-988.	3.3	28
18	Global distribution of root climbers is positively associated with precipitation and negatively associated with seasonality. <i>Journal of Tropical Ecology</i> , 2013, 29, 357-360.	1.1	22

#	ARTICLE	IF	CITATIONS
19	Harnessing the NEON data revolution to advance open environmental science with a diverse and data-enabled community. <i>Ecosphere</i> , 2021, 12, .	2.2	15
20	Dynamics of Carbon Accumulation in Tropical Dry Forests under Climate Change Extremes. <i>Forests</i> , 2021, 12, 106.	2.1	14
21	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
22	Liana Effects on Carbon Storage and Uptake in Mature and Secondary Tropical Forests. <i>Sustainable Development and Biodiversity</i> , 2015, , 43-55.	1.7	8
23	Tropical dry forest resilience and water use efficiency: an analysis of productivity under climate change. <i>Environmental Research Letters</i> , 2021, 16, 054027.	5.2	7
24	Expanding NEON biodiversity surveys with new instrumentation and machine learning approaches. <i>Ecosphere</i> , 2021, 12, e03795.	2.2	6
25	Remotely sensed assessment of increasing chronic and episodic drought effects on a Costa Rican tropical dry forest. <i>Ecosphere</i> , 2021, 12, e03824.	2.2	5
26	Improving landscape-scale productivity estimates by integrating trait-based models and remotely sensed foliar trait and canopy structural data. <i>Ecography</i> , 2022, 2022, .	4.5	4