

Martin J P Sullivan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,273
citations

361413

20
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

4263
citing authors

#	ARTICLE	IF	CITATIONS
1	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439
2	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
3	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	3.3	251
4	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
5	Long-term carbon sink in Borneo's forests halted by drought and vulnerable to edge effects. <i>Nature Communications</i> , 2017, 8, 1966.	12.8	116
6	Differences in leaf thermoregulation and water use strategies between three co-occurring Atlantic forest tree species. <i>Plant, Cell and Environment</i> , 2018, 41, 1618-1631.	5.7	92
7	Field methods for sampling tree height for tropical forest biomass estimation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1179-1189.	5.2	78
8	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 1366-1383.	5.8	78
9	Estimating aboveground net biomass change for tropical and subtropical forests: Refinement of IPCC default rates using forest plot data. <i>Global Change Biology</i> , 2019, 25, 3609-3624.	9.5	78
10	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
11	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	12.8	62
12	Species Matter: Wood Density Influences Tropical Forest Biomass at Multiple Scales. <i>Surveys in Geophysics</i> , 2019, 40, 913-935.	4.6	54
13	Restored saltmarshes lack the topographic diversity found in natural habitat. <i>Ecological Engineering</i> , 2018, 115, 58-66.	3.6	48
14	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. <i>Scientific Data</i> , 2019, 6, 198.	5.3	44
15	The persistence of carbon in the African forest understory. <i>Nature Plants</i> , 2019, 5, 133-140.	9.3	41
16	Tropical land carbon cycle responses to 2015/16 El Niño as recorded by atmospheric greenhouse gas and remote sensing data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170302.	4.0	37
17	Resistance of African tropical forests to an extreme climate anomaly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37
18	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019, 3, 1754-1761.	7.8	32

#	ARTICLE	IF	CITATIONS
19	Using dispersal information to model the species–environment relationship of spreading non-native species. <i>Methods in Ecology and Evolution</i> , 2012, 3, 870-879.	5.2	29
20	Assessing and predicting the spread of non-native raccoons in Germany using hunting bag data and dispersal weighted models. <i>Biological Invasions</i> , 2016, 18, 57-71.	2.4	26
21	Using habitat-specific population trends to evaluate the consistency of the effect of species traits on bird population change. <i>Biological Conservation</i> , 2015, 192, 343-352.	4.1	23
22	A national-scale model of linear features improves predictions of farmland biodiversity. <i>Journal of Applied Ecology</i> , 2017, 54, 1776-1784.	4.0	22
23	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. <i>Environmental Research Letters</i> , 2022, 17, 014047.	5.2	21
24	Is saltmarsh restoration success constrained by matching natural environments or altered succession? A test using niche models. <i>Journal of Applied Ecology</i> , 2018, 55, 1207-1217.	4.0	20
25	Grassland responses to increased rainfall depend on the timescale of forcing. <i>Global Change Biology</i> , 2016, 22, 1655-1665.	9.5	18
26	Comparison of acoustic and traditional point count methods to assess bird diversity and composition in the Aberdare National Park, Kenya. <i>African Journal of Ecology</i> , 2019, 57, 168-176.	0.9	16
27	An Anthropogenic Habitat Facilitates the Establishment of Non-Native Birds by Providing Underexploited Resources. <i>PLoS ONE</i> , 2015, 10, e0135833.	2.5	15
28	Changing densities of generalist species underlie apparent homogenization of UK bird communities. <i>Ibis</i> , 2016, 158, 645-655.	1.9	14
29	Evidence for the buffer effect operating in multiple species at a national scale. <i>Biology Letters</i> , 2015, 11, 20140930.	2.3	11
30	Changes in habitat associations during range expansion: disentangling the effects of climate and residence time. <i>Biological Invasions</i> , 2018, 20, 1147-1159.	2.4	9
31	Functional shifts in bird communities from semi-natural oak forests to conifer plantations are not consistent across Europe. <i>PLoS ONE</i> , 2019, 14, e0220155.	2.5	9
32	Testing multiple pathways for impacts of the non-native Black-headed Weaver on native birds in Iberia in the early phase of invasion. <i>Ibis</i> , 2014, 156, 355-365.	1.9	8
33	Species interactions modulate the response of saltmarsh plants to flooding. <i>Annals of Botany</i> , 2019, 125, 315-324.	2.9	4
34	A Spatial and Temporal Risk Assessment of the Impacts of El Niño on the Tropical Forest Carbon Cycle: Theoretical Framework, Scenarios, and Implications. <i>Atmosphere</i> , 2019, 10, 588.	2.3	4
35	Restored saltmarshes have low beta diversity due to limited topographic variation, but this can be countered by management. <i>Journal of Applied Ecology</i> , 2022, 59, 1709-1720.	4.0	4
36	Assessing the impacts of the non-native Black-headed Weaver on native Acrocephalus warblers. <i>Ibis</i> , 2014, 156, 231-232.	1.9	2