Stephanie Pau

List of Publications by Year
in descending order

45 papers	2,073 citations	331670 21 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	3850 citing authors

#	Article	IF	Citations
1	Predicting phenology by integrating ecology, evolution and climate science. Global Change Biology, 2011, 17, 3633-3643.	9.5	314
2	Phenological tracking enables positive species responses to climate change. Ecology, 2012, 93, 1765-1771.	3.2	260
3	Phylogenetic conservatism in plant phenology. Journal of Ecology, 2013, 101, 1520-1530.	4.0	182
4	When Do Ecosystem Services Depend on Rare Species?. Trends in Ecology and Evolution, 2019, 34, 746-758.	8.7	159
5	Sensitivity of Spring Phenology to Warming Across Temporal and Spatial Climate Gradients in Two Independent Databases. Ecosystems, 2012, 15, 1283-1294.	3.4	107
6	Towards connecting biodiversity and geodiversity across scales with satellite remote sensing. Global Ecology and Biogeography, 2019, 28, 548-556.	5.8	87
7	The rarest and least protected forests in biodiversity hotspots. Biodiversity and Conservation, 2012, 21, 3597-3611.	2.6	85
8	Leaf senescence exhibits stronger climatic responses during warm than during cold autumns. Nature Climate Change, 2020, 10, 777-780.	18.8	84
9	Tropical forest temperature thresholds for gross primary productivity. Ecosphere, 2018, 9, e02311.	2.2	69
10	Clouds and temperature drive dynamic changes in tropical flower production. Nature Climate Change, 2013, 3, 838-842.	18.8	63
11	Improving our understanding of environmental controls on the distribution of C₃ and C₄ grasses. Global Change Biology, 2013, 19, 184-196.	9.5	61
12	Imaging canopy temperature: shedding (thermal) light on ecosystem processes. New Phytologist, 2021, 230, 1746-1753.	7.3	47
13	Dissecting NDVIâ€"species richness relationships in Hawaiian dry forests. Journal of Biogeography, 2012, 39, 1678-1686.	3.0	44
14	Land surface skin temperature captures thermal environments of <scp><scp>C₃</scp></scp> and <scp><scp>C₄</scp></scp> grasses. Global Ecology and Biogeography, 2014, 23, 286-296.	5.8	42
15	Natural history, biogeography, and endangerment of Hawaiian dry forest trees. Biodiversity and Conservation, 2009, 18, 3167-3182.	2.6	35
16	A Global Assessment of Long-Term Greening and Browning Trends in Pasture Lands Using the GIMMS LAI3g Dataset. Remote Sensing, 2013, 5, 2492-2512.	4.0	35
17	The impact of Hurricane Michael on longleaf pine habitats in Florida. Scientific Reports, 2020, 10, 8483.	3.3	34
18	Beyond counts and averages: Relating geodiversity to dimensions of biodiversity. Global Ecology and Biogeography, 2020, 29, 696-710.	5.8	29

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19	Asynchronous Response of Tropical Forest Leaf Phenology to Seasonal and El NiÃ±o-Driven Drought. PLoS ONE, 2010, 5, e11325.	2.5	25
20	Scaling species richness and endemism of tropical dry forests on oceanic islands. Diversity and Distributions, 2013, 19, 896-906.	4.1	24
21	Root biomass and soil Î´13C in C3 and C4 grasslands along a precipitation gradient. Plant Ecology, 2015, 216, 615-627.	1.6	21
22	Spatiotemporal Patterns and Phenology of Tropical Vegetation Solar-Induced Chlorophyll Fluorescence across Brazilian Biomes Using Satellite Observations. Remote Sensing, 2019, 11, 1746.	4.0	21
23	Lineageâ€based functional types: characterising functional diversity to enhance the representation of ecological behaviour in Land Surface Models. New Phytologist, 2020, 228, 15-23.	7.3	20
24	Longâ€term increases in tropical flowering activity across growth forms in response to rising <scp>CO</scp>₂ and climate change. Global Change Biology, 2018, 24, 2105-2116.	9.5	19
25	Floristic Composition and Natural History Characteristics of Dry Forests in the Pacific. Pacific Science, 2011, 65, 127-141.	0.6	18
26	Prioritizing conservation of tropical dry forests in the Pacific. Oryx, 2014, 48, 337-344.	1.0	18
27	A Bayesian geostatistical approach to modeling global distributions of Lygodium microphyllum under projected climate warming. Ecological Modelling, 2017, 363, 192-206.	2.5	16
28	Global tropical dry forest extent and cover: A comparative study of bioclimatic definitions using two climatic data sets. PLoS ONE, 2021, 16, e0252063.	2.5	16
29	Phenology and Productivity of C3 and C4 Grasslands in Hawaii. PLoS ONE, 2014, 9, e107396.	2.5	16
30	Climatic Controls on C4 Grassland Distributions During the Neogene: A Model-Data Comparison. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	15
31	Modelling the biodiversity enhancement value of seagrass beds. Diversity and Distributions, 2021, 27, 2036-2049.	4.1	15
32	Remote sensing of species dominance and the value for quantifying ecosystem services. Remote Sensing in Ecology and Conservation, 2016, 2, 141-151.	4.3	13
33	Climate Change and Food Systems Research: Current Trends and Future Directions. Geography Compass, 2016, 10, 414-428.	2.7	9
34	Unveiling spatial and temporal heterogeneity of a tropical forest canopy using high-resolution NIRv, FCVI, and NIRvrad from UAS observations. Biogeosciences, 2021, 18, 6077-6091.	3.3	9
35	Climatic sensitivity of speciesâ€™ vegetative and reproductive phenology in a Hawaiian montane wet forest. Biotropica, 2020, 52, 825-835.	1.6	8
36	Poor relationships between NEON Airborne Observation Platform data and fieldâ€based vegetation traits at a mesic grassland. Ecology, 2022, 103, e03590.	3.2	8

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37	Nonâ€Native Plant Invasion of the Hawaiian Islands. Geography Compass, 2008, 2, 1241-1265.	2.7	7
38	Characterization of chlorophyll fluorescence, absorbed photosynthetically active radiation, and reflectance-based vegetation index spectroradiometer measurements. International Journal of Remote Sensing, 2020, 41, 6755-6782.	2.9	7
39	Leveraging the NEON Airborne Observation Platform for socioâ€environmental systems research. Ecosphere, 2021, 12, e03640.	2.2	7
40	Modelling the potential distribution of endangered, endemic Hibiscus brackenridgei on Oahu to assess the impacts of climate change and prioritize conservation efforts.. Pacific Conservation Biology, 2013, 19, 156.	1.0	6
41	Root Functional Diversity of Native and Nonnative C3 and C4 Grass Species in Hawaiâ€˜i1. Pacific Science, 2017, 71, 117.	0.6	5
42	Graphical Inference in Geographical Research. Geographical Analysis, 2016, 48, 115-131.	3.5	4
43	Remote Sensing of Geodiversity as a Link to Biodiversity. , 2020, , 225-253.		4
44	Evaluation of Plant Stress Monitoring Capabilities Using a Portable Spectrometer and Blue-Red Grow Light. Sensors, 2022, 22, 3411.	3.8	1
45	Origins of C₄ Grasslands: Integrating Modeling and Paleo Data to Shed Light on Neogene Vegetation Change. The Paleontological Society Special Publications, 2014, 13, 135-136.	0.0	0