Susan Cordell

List of Publications by Year
in descending order

54 papers	2,841 citations	186209 28 h-index	197736 49 g-index
55 all docs	55 docs citations	55 times ranked	3979 citing authors

#	Article	IF	Citations
1	Distribution of biomass dynamics in relation to tree size in forests across the world. New Phytologist, 2022, 234, 1664-1677.	3.5	24
2	Dynamics of Anthropogenic Wildfire on Babeldaob Island (Palau) as Revealed by Fire History. Fire, 2022, 5, 45.	1.2	10
3	Shifting Limitations to Restoration across Dryland Ecosystems in HawaiÊ»i. Sustainability, 2022, 14, 5421.	1.6	1
4	Multi-Stemmed Habit in Trees Contributes Climate Resilience in Tropical Dry Forest. Sustainability, 2022, 14, 6779.	1.6	1
5	Centennial-Scale Land-Cover Change on Babeldaob Island, Palau. Land, 2022, 11, 830.	1.2	5
6	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	1.9	122
7	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. Nature Communications, 2021, 12, 3137.	5.8	28
8	Hawaiâ€˜i forest review: Synthesizing the ecology, evolution, and conservation of a model system. Perspectives in Plant Ecology, Evolution and Systematics, 2021, 52, 125631.	1.1	23
9	Climatic sensitivity of speciesâ€™ vegetative and reproductive phenology in a Hawaiian montane wet forest. Biotropica, 2020, 52, 825-835.	0.8	8
10	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	1.9	29
11	An extensive suite of functional traits distinguishes Hawaiian wet and dry forests and enables prediction of species vital rates. Functional Ecology, 2019, 33, 712-734.	1.7	37
12	Compilation of climate data from heterogeneous networks across the Hawaiian Islands. Scientific Data, 2018, 5, 180012.	2.4	36
13	Enhancing Aboveground Carbon Storage and Invasion Resistance through Restoration: Early Results from a Functional Trait-Based Experiment. Pacific Science, 2018, 72, 149-164.	0.2	3
14	Regional forcing explains local species diversity and turnover on tropical islands. Global Ecology and Biogeography, 2018, 27, 474-486.	2.7	38
15	Response to Comment on â€œPlant diversity increases with the strength of negative density dependence at the global scaleâ€ Science, 2018, 360, .	6.0	6
16	Response to Comment on â€œPlant diversity increases with the strength of negative density dependence at the global scaleâ€ Science, 2018, 360, .	6.0	9
17	Resource Availability, Propagule Supply, and Effect of Nonnative Ungulate Herbivores on<i>Senecio madagascariensis</i>Invasion. Pacific Science, 2018, 72, 69-79.	0.2	2
18	Global importance of largeâ€diameter trees. Global Ecology and Biogeography, 2018, 27, 849-864.	2.7	330

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19	Climate sensitive size-dependent survival in tropical trees. Nature Ecology and Evolution, 2018, 2, 1436-1442.	3.4	41
20	OpenNahele: the open Hawaiian forest plot database. Biodiversity Data Journal, 2018, 6, e28406.	0.4	9
21	Interactions Among Invasive Plants: Lessons from Hawaiâ€˜i. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 521-541.	3.8	32
22	Plant diversity increases with the strength of negative density dependence at the global scale. Science, 2017, 356, 1389-1392.	6.0	222
23	Remote sensing for restoration planning: how the big picture can inform stakeholders. Restoration Ecology, 2017, 25, S147.	1.4	41
24	Nonâ€native tree in a dry coastal area in Hawai'i has high transpiration but restricts water use despite phreatophytic trait. Ecohydrology, 2016, 9, 1166-1176.	1.1	9
25	Densityâ€dependent seedling mortality varies with light availability and species abundance in wet and dry Hawaiian forests. Journal of Ecology, 2016, 104, 773-780.	1.9	37
26	Quandaries of a decadeâ€long restoration experiment trying to reduce invasive species: beat them, join them, give up, or start over?. Restoration Ecology, 2016, 24, 139-144.	1.4	41
27	The Contemporary Scale and Context of Wildfire in Hawaiâ€˜i. Pacific Science, 2015, 69, 427-444.	0.2	54
28	The role of remnant forest patches for habitat restoration in degraded areas of Palau. Restoration Ecology, 2015, 23, 872-881.	1.4	15
29	Using plant functional traits to restore Hawaiian rainforest. Journal of Applied Ecology, 2015, 52, 805-809.	1.9	113
30	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	4.2	473
31	Forest Structure in Low-Diversity Tropical Forests: A Study of Hawaiian Wet and Dry Forests. PLoS ONE, 2014, 9, e103268.	1.1	47
32	Native trees show conservative water use relative to invasive trees: results from a removal experiment in a Hawaiian wet forest. , 2014, 2, cou016-cou016.		57
33	Tradeâ€offs in seedling growth and survival within and across tropical forest microhabitats. Ecology and Evolution, 2014, 4, 3755-3767.	0.8	39
34	Using a prescribed fire to test custom and standard fuel models for fire behaviour prediction in a nonâ€native, grassâ€invaded tropical dry shrubland. Applied Vegetation Science, 2014, 17, 700-710.	0.9	3
35	Mapping habitat suitability for atâ€risk plant species and its implications for restoration and reintroduction. Ecological Applications, 2014, 24, 385-395.	1.8	42
36	Seedling recruitment factors in lowâ€diversity Hawaiian wet forest: towards global comparisons among tropical forests. Ecosphere, 2013, 4, 1-19.	1.0	24

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37	Patterns and consequences of re-invasion into a Hawaiian dry forest restoration. Biological Invasions, 2012, 14, 2573-2586.	1.2	8
38	Nonâ€Native Grass Removal and Shade Increase Soil Moisture and Seedling Performance during Hawaiian Dry Forest Restoration. Restoration Ecology, 2012, 20, 475-482.	1.4	46
39	Remote analysis of biological invasion and the impact of enemy release. , 2011, 21, 2094-2104.		27
40	Planting Seedlings in Tree Islands Versus Plantations as a Largeâ€Scale Tropical Forest Restoration Strategy. Restoration Ecology, 2011, 19, 470-479.	1.4	141
41	Digital data collection in forest dynamics plots. Methods in Ecology and Evolution, 2010, 1, 274-279.	2.2	8
42	Native Species Regeneration Following Ungulate Exclusion and Nonnative Grass Removal in a Remnant Hawaiian Dry Forest. Pacific Science, 2010, 64, 533-544.	0.2	28
43	Ecosystem and Restoration Consequences of Invasive Woody Species Removal in Hawaiian Lowland Wet Forest. Ecosystems, 2009, 12, 503-515.	1.6	54
44	Patterns of Primary Succession of Native and Introduced Plants in Lowland Wet Forests in Eastern Hawaiâ€˜i. Biotropica, 2008, 40, 277-284.	0.8	59
45	Understory Colonization of<i> Eucalyptus </i>Plantations in Hawaii in Relation to Light and Nutrient Levels. Restoration Ecology, 2008, 16, 475-485.	1.4	37
46	A nonâ€native invasive grass increases soil carbon flux in a Hawaiian tropical dry forest. Global Change Biology, 2008, 14, 726-739.	4.2	40
47	Towards restoration of Hawaiian tropical dry forests: the Kaupulehu outplanting programme. Pacific Conservation Biology, 2008, 14, 279.	0.5	37
48	Functional diversity of carbonâ€gain, waterâ€use, and leafâ€allocation traits in trees of a threatened lowland dry forest in Hawaii. American Journal of Botany, 2007, 94, 1459-1469.	0.8	30
49	Science Driven Restoration: A Candle in a Demon Haunted World?Response to Cabin (2007). Restoration Ecology, 2007, 15, 171-176.	1.4	33
50	Effects of non-native grass invasion on aboveground carbon pools and tree population structure in a tropical dry forest of Hawaii. Forest Ecology and Management, 2006, 231, 105-113.	1.4	78
51	EFFECTS OF LIGHT, ALIEN GRASS, AND NATIVE SPECIES ADDITIONS ON HAWAIIAN DRY FOREST RESTORATION. , 2002, 12, 1595-1610.		107
52	Effects of microsite, water, weeding, and direct seeding on the regeneration of native and alien species within a Hawaiian dry forest preserve. Biological Conservation, 2002, 104, 181-190.	1.9	89
53	Effects of Light, Alien Grass, and Native Species Additions on Hawaiian Dry Forest Restoration. , 2002, 12, 1595.		2
54	The role of microtopography and resident species in postâ€disturbance recovery of arid habitats in Hawaiâ€˜i. Ecological Applications, 0, , .	1.8	3