Carla M D'antonio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2584207/publications.pdf

Version: 2024-02-01

83 papers	13,273 citations	87723 38 h-index	74018 75 g-index
88 all docs	88 docs citations	88 times ranked	12447 citing authors

#	Article	IF	Citations
1	Nitrogen increases earlyâ€stage and slows lateâ€stage decomposition across diverse grasslands. Journal of Ecology, 2022, 110, 1376-1389.	1.9	12
2	Architecture of remnant trees influences native woody plant recruitment in abandoned Hawaiian pastures. Plant Ecology, 2021, 222, 659-667.	0.7	5
3	Salinity driven interactions between plant growth and a biological control agent. Biological Invasions, 2021, 23, 3161-3173.	1.2	3
4	Spenders versus savers: Climateâ€induced carbon allocation tradeâ€offs in a recently introduced woody plant. Functional Ecology, 2021, 35, 1640-1654.	1.7	9
5	Episodic defoliation rapidly reduces starch but not soluble sugars in an invasive shrub, Tamarix spp.. American Journal of Botany, 2021, 108, 1343-1353.	0.8	4
6	Variation in salinity tolerance and water use strategies in an introduced woody halophyte (Tamarix spp.). Journal of Ecology, 2021, 109, 3807-3817.	1.9	8
7	Can the impact of canopy trees on soil and understory be altered using litter additions?. Ecological Applications, 2021, , e02477.	1.8	4
8	Where have all the wildflowers gone? The role of exotic grass thatch. Biological Invasions, 2020, 22, 957-968.	1.2	21
9	Post-release monitoring in classical biological control of weeds: assessing impact and testing pre-release hypotheses. Current Opinion in Insect Science, 2020, 38, 99-106.	2.2	29
10	Mechanisms of severe dieback and mortality in a classically droughtâ€tolerant shrubland species () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	3
11	Keys to enhancing the value of invasion ecology research for management. Biological Invasions, 2020, 22, 2431-2445.	1.2	35
12	Cellular and extracellular C contributions to respiration after wetting dry soil. Biogeochemistry, 2020, 147, 307-324.	1.7	38
13	A Tribute to Don Canestro as Insightful Steward of Land and Sea and a Generous Contributor to the Social Good of Natural Reserves. Bulletin of the Ecological Society of America, 2019, 100, e01533.	0.2	0
14	Monitoring Post-Fire Recovery of Chaparral and Conifer Species Using Field Surveys and Landsat Time Series. Remote Sensing, 2019, 11, 2963.	1.8	14
15	Long-term Nutrient Fertilization Increased Soil Carbon Storage in California Grasslands. Ecosystems, 2019, 22, 754-766.	1.6	11
16	Mechanisms of influence of invasive grass litter on germination and growth of coexisting species in California. Biological Invasions, 2018, 20, 1881-1897.	1.2	21
17	Retention of Nitrogen Following Wildfire in a Chaparral Ecosystem. Ecosystems, 2018, 21, 1608-1622.	1.6	16
18	Ecosystem vs. community recovery 25Âyears after grass invasions and fire in a subtropical woodland. Journal of Ecology, 2017, 105, 1462-1474.	1.9	26

#	Article	IF	Citations
19	Longâ€term dynamics and impacts of plant invasions. Journal of Ecology, 2017, 105, 1459-1461.	1.9	34
20	The influence of soil resources and plant traits on invasion and restoration in a subtropical woodland. Plant Ecology, 2017, 218, 1149-1161.	0.7	19
21	Boomâ€bust dynamics in biological invasions: towards an improved application of the concept. Ecology Letters, 2017, 20, 1337-1350.	3.0	143
22	Interactions Among Invasive Plants: Lessons from Hawaiâ€˜i. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 521-541.	3.8	32
23	Can local adaptation explain varying patterns of herbivory tolerance in a recently introduced woody plant in North America?. , 2017, 5, cox016.		17
24	Addition of multiple limiting resources reduces grassland diversity. Nature, 2016, 537, 93-96.	13.7	355
25	How much do phenotypic plasticity and local genetic variation contribute to phenotypic divergences along environmental gradients in widespread invasive plants? A metaâ€analysis. Oikos, 2016, 125, 905-917.	1.2	51
26	Coastal fog during summer drought improves the water status of sapling trees more than adult trees in a California pine forest. Oecologia, 2016, 181, 137-148.	0.9	29
27	Factors Regulating Nitrogen Retention During the Early Stages of Recovery from Fire in Coastal Chaparral Ecosystems. Ecosystems, 2016, 19, 910-926.	1.6	29
28	Preferential Associations of InvasiveLantana camara(Verbenaceae) in a Seasonally Dry Hawaiian Woodland. Pacific Science, 2015, 69, 385-397.	0.2	6
29	Taking the long view on the ecological effects of plant invasions. American Journal of Botany, 2015, 102, 817-818.	0.8	24
30	Native and exotic plant species respond differently to wildfire and prescribed fire as revealed by metaâ€analysis. Journal of Vegetation Science, 2015, 26, 102-113.	1.1	65
31	Do Tree Canopies Enhance Perennial Grass Restoration in California Oak Savannas?. Restoration Ecology, 2014, 22, 574-581.	1.4	10
32	Structural, compositional and trait differences between nativeâ€and nonâ€nativeâ€dominated grassland patches. Functional Ecology, 2014, 28, 745-754.	1.7	31
33	Pyrogeography, historical ecology, and the human dimensions of fire regimes. Journal of Biogeography, 2014, 41, 833-836.	1.4	47
34	Remote Sensing Analysis of Vegetation Recovery following Short-Interval Fires in Southern California Shrublands. PLoS ONE, 2014, 9, e110637.	1.1	45
35	Introduced annual grass increases regional fire activity across the arid western <scp>USA</scp> (1980â€“2009). Global Change Biology, 2013, 19, 173-183.	4.2	521
36	Non-Additive Effects on Decomposition from Mixing Litter of the Invasive Mikania micrantha H.B.K. with Native Plants. PLoS ONE, 2013, 8, e66289.	1.1	30

#	Article	IF	Citations
37	Self-reinforcing impacts of plant invasions change over time. Nature, 2013, 503, 517-520.	13.7	122
38	Will extreme climatic events facilitate biological invasions?. Frontiers in Ecology and the Environment, 2012, 10, 249-257.	1.9	402
39	Global change, global trade, and the next wave of plant invasions. Frontiers in Ecology and the Environment, 2012, 10, 20-28.	1.9	195
40	Long-term impacts of invasive grasses and subsequent fire in seasonally dry Hawaiian woodlands. , 2011, 21, 1617-1628.		95
41	Abundance and productivity mediate invader effects on nitrogen dynamics in a California grassland. Ecosphere, 2011, 2, art32.	1.0	12
42	Abundance of introduced species at home predicts abundance away in herbaceous communities. Ecology Letters, 2011, 14, 274-281.	3.0	88
43	The human dimension of fire regimes on Earth. Journal of Biogeography, 2011, 38, 2223-2236.	1.4	845
44	The importance of nitrogen-fixation for an invader of a coastal California grassland. Biological Invasions, 2011, 13, 1275-1282.	1.2	10
45	Not novel, just better: competition between native and non-native plants in California grasslands that share species traits. Plant Ecology, 2010, 209, 71-81.	0.7	46
46	Fire as a Restoration Tool: A Decision Framework for Predicting the Control or Enhancement of Plants Using Fire. Restoration Ecology, 2010, 18, 274-284.	1.4	120
47	California native and exotic perennial grasses differ in their response to soil nitrogen, exotic annual grass density, and order of emergence. Plant Ecology, 2009, 201, 445-456.	0.7	87
48	Effects of fire and environmental variables on plant structure and composition in grazed salt desert shrublands of the Great Basin (USA). Journal of Arid Environments, 2009, 73, 643-650.	1.2	32
49	Fire in the Earth System. Science, 2009, 324, 481-484.	6.0	2,330
50	Effects of young Artemisia rothrockii shrubs on soil moisture, soil nitrogen cycling, and resident herbs. Journal of Vegetation Science, 2008, 19, 23-30.	1.1	6
51	Nutrient Limitation in a Fire-derived, Nitrogen-rich Hawaiian Grassland1. Biotropica, 2006, 38, 458-467.	0.8	24
52	Depth of water acquisition by invading shrubs and resident herbs in a Sierra Nevada meadow. Plant and Soil, 2006, 285, 31-43.	1.8	56
53	The effect of soil nitrogen on competition between native and exotic perennial grasses from northern coastal California. Plant Ecology, 2006, 186, 23-35.	0.7	59
54	Summer water use by California coastal prairie grasses: fog, drought, and community composition. Oecologia, 2005, 145, 511-521.	0.9	119

#	Article	IF	Citations
55	Can Carbon Addition Increase Competitiveness of Native Grasses? A Case Study from California. Restoration Ecology, 2004, 12, 36-43.	1.4	125
56	COMPETITION BETWEEN NATIVE PERENNIAL AND EXOTIC ANNUAL GRASSES: IMPLICATIONS FOR AN HISTORICAL INVASION. Ecology, 2004, 85, 1273-1283.	1.5	320
57	Effects of Invasive Alien Plants on Fire Regimes. BioScience, 2004, 54, 677.	2.2	1,193
58	Title is missing!. Plant Ecology, 2003, 167, 31-43.	0.7	41
59	EXOTIC GRASSES ALTER CONTROLS OVER SOIL NITROGEN DYNAMICS IN A HAWAIIAN WOODLAND. , 2003, 13, 154-166.		114
60	The Effects of Exotic Grasses on Litter Decomposition in a Hawaiian Woodland: The Importance of Indirect Effects. Ecosystems, 2003, 6, 723-738.	1.6	45
61	Forecasting Biological Invasions with Increasing International Trade. Conservation Biology, 2003, 17, 322-326.	2.4	596
62	RESPONSE OF HERBS TO SHRUB REMOVAL ACROSS NATURAL AND EXPERIMENTAL VARIATION IN SOIL MOISTURE. , 2003, 13, 1375-1387.		29
63	SHRUB EXPANSION IN MONTANE MEADOWS: THE INTERACTION OF LOCAL-SCALE DISTURBANCE AND SITE ARIDITY. , 2002, 12, 1103-1118.		46
64	Exotic Plant Species as Problems and Solutions in Ecological Restoration: A Synthesis. Restoration Ecology, 2002, 10, 703-713.	1.4	648
65	Nutrient Limitation to Primary Productivity in a Secondary Savanna in Venezuela1. Biotropica, 2002, 34, 493-501.	0.8	28
66	ALTERATION OF ECOSYSTEM NITROGEN DYNAMICS BY EXOTIC PLANTS: A CASE STUDY OF C4GRASSES IN HAWAII. , 2001, 11, 1323-1335.		51
67	Factors Influencing Dynamics of Two Invasive C 4 Grasses in Seasonally Dry Hawaiian Woodlands. Ecology, 2001, 82, 89.	1.5	3
68	Exotic Grasses Potentially Slow Invasion of an N-fixing Tree into a Hawaiian Woodland. Biological Invasions, 2001, 3, 69-73.	1.2	15
69	FACTORS INFLUENCING DYNAMICS OF TWO INVASIVE C4GRASSES IN SEASONALLY DRY HAWAIIAN WOODLANDS. Ecology, 2001, 82, 89-104.	1.5	96
70	Variation in the impact of exotic grasses on native plant composition in relation to fire across an elevation gradient in Hawaii. Austral Ecology, 2000, 25, 507-522.	0.7	94
71	Plant invasions â€" the role of mutualisms. Biological Reviews, 2000, 75, 65-93.	4.7	165
72	Germination and growth responses of hybridizing Carpobrotus species (Aizoaceae) from coastal California to soil salinity. American Journal of Botany, 1999, 86, 1257-1263.	0.8	65

#	Article	IF	Citations
73	The response of native species to removal of invasive exotic grasses in a seasonally dry Hawaiian woodland. Journal of Vegetation Science, 1998, 9, 699-712.	1.1	172
74	Microclimate Change and Effect on Fire Following Forest-Grass Conversion in Seasonally Dry Tropical Woodland1. Biotropica, 1998, 30, 286-297.	0.8	53
75	Exotic grass invasion alters potential rates of N fixation in Hawaiian woodlands. Oecologia, 1998, 113, 179-187.	0.9	67
76	FRUIT CHOICE AND SEED DISPERSAL OF INVASIVE VS. NONINVASIVECARPOBROTUS(AIZOACEAE) IN COASTAL CALIFORNIA. Ecology, 1998, 79, 1053-1060.	1.5	76
77	HYBRID VIGOR FOR CLONAL GROWTH INCARPOBROTUS(AIZOACEAE) IN COASTAL CALIFORNIA. , 1998, 8, 1196-1205.		31
78	Fitness of invasiveCarpobrotus(Aizoaceae) hybrids in coastal California. Ecoscience, 1998, 5, 191-199.	0.6	36
79	Hybridization and introgression in Carpobrotus spp. (Aizoaceae) in California II. Allozyme evidence. American Journal of Botany, 1997, 84, 905-911.	0.8	41
80	Hybridization and introgression in Carpobrotus spp. (Aizoaceae) in California. I. Morphological evidence. American Journal of Botany, 1997, 84, 896-904.	0.8	57
81	SOIL HETEROGENEITY AND PLANT COMPETITION IN ANANNUAL GRASSLAND. Ecology, 1997, 78, 2076-2090.	1.5	99
82	Biological Invasions by Exotic Grasses, the Grass/Fire Cycle, and Global Change. Annual Review of Ecology, Evolution, and Systematics, 1992, 23, 63-87.	6.7	2,551
83	Capacity for change: three core attributes of adaptive capacity that bolster restoration efficacy. Restoration Ecology, 0, , .	1.4	6