

Walter P Carson

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,310
citations

394421

19
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2203
citing authors

#	ARTICLE	IF	CITATIONS
1	On the formation of dense understory layers in forests worldwide: consequences and implications for forest dynamics, biodiversity, and succession. <i>Canadian Journal of Forest Research</i> , 2006, 36, 1345-1362.	1.7	477
2	HERBIVORY AND PLANT SPECIES COEXISTENCE: COMMUNITY REGULATION BY AN OUTBREAKING PHYTOPHAGOUS INSECT. <i>Ecological Monographs</i> , 2000, 70, 73-99.	5.4	253
3	Microsite Variation and Soil Dynamics within Newly Created Treefall Pits and Mounds. <i>Oikos</i> , 1990, 58, 39.	2.7	185
4	Pervasive interactions between ungulate browsers and disturbance regimes promote temperate forest herbaceous diversity. <i>Ecology</i> , 2010, 91, 93-105.	3.2	148
5	Role of Resources and Disturbance in the Organization of an Old-Field Plant Community. <i>Ecology</i> , 1990, 71, 226-238.	3.2	129
6	Historic disturbance regimes promote tree diversity only under low browsing regimes in eastern deciduous forest. <i>Ecological Monographs</i> , 2013, 83, 3-17.	5.4	123
7	Top-down effects of insect herbivores during early succession: influence on biomass and plant dominance. <i>Oecologia</i> , 1999, 121, 260.	2.0	116
8	The impact of deer on relationships between tree growth and mortality in an old-growth beech-maple forest. <i>Forest Ecology and Management</i> , 2007, 252, 230-238.	3.2	111
9	Evaluating the ecological impacts of salvage logging: can natural and anthropogenic disturbances promote coexistence?. <i>Ecology</i> , 2016, 97, 1566-1582.	3.2	80
10	Chronic over browsing and biodiversity collapse in a forest understory in Pennsylvania: Results from a 60 year-old deer exclusion plot. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 220-224.	0.3	74
11	Long-term suppression of insect herbivores increases the production and growth of <i>Solidago altissima</i> rhizomes. <i>Oecologia</i> , 1991, 88, 251-257.	2.0	65
12	Direct and indirect effects of a dense understory on tree seedling recruitment in temperate forests: habitat-mediated predation versus competition. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1634-1645.	1.7	65
13	EXTENDING THE RESOURCE CONCENTRATION HYPOTHESIS TO PLANT COMMUNITIES: EFFECTS OF LITTER AND HERBIVORES. <i>Ecology</i> , 2003, 84, 652-665.	3.2	58
14	Over-browsing in Pennsylvania creates a depauperate forest dominated by an understory tree: Results from a 60-year-old deer exclosure. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 322-326.	0.3	54
15	Evaluating the post-release efficacy of invasive plant biocontrol by insects: a comprehensive approach. <i>Arthropod-Plant Interactions</i> , 2008, 2, 77-86.	1.1	48
16	The Ecology and Natural History of Foliar Bacteria with a Focus on Tropical Forests and Agroecosystems. <i>Botanical Review</i> , The, 2015, 81, 105-149.	3.9	43
17	Reversing legacy effects in the understory of an oak-dominated forest. <i>Canadian Journal of Forest Research</i> , 2014, 44, 350-364.	1.7	36
18	Foliar bacteria and soil fertility mediate seedling performance: a new and cryptic dimension of niche differentiation. <i>Ecology</i> , 2016, 97, 2998-3008.	3.2	29

#	ARTICLE	IF	CITATIONS
19	Effects of collared peccary (<i>Pecari tajacu</i>) exclusion on leaf litter amphibians and reptiles in a Neotropical wet forest, Costa Rica. <i>Biological Conservation</i> , 2013, 163, 90-98.	4.1	26
20	Tree Endophytes: Cryptic Drivers of Tropical Forest Diversity. <i>Forestry Sciences</i> , 2018, , 63-103.	0.4	24
21	The omnivorous collared peccary negates an insectivore-generated trophic cascade in Costa Rican wet tropical forest understorey. <i>Journal of Tropical Ecology</i> , 2014, 30, 1-11.	1.1	19
22	Tailoring biocontrol to maximize top-down effects: on the importance of underlying site fertility. <i>Ecological Applications</i> , 2015, 25, 125-139.	3.8	19
23	Pervasive interactions between foliar microbes and soil nutrients mediate leaf production and herbivore damage in a tropical forest. <i>New Phytologist</i> , 2017, 216, 99-112.	7.3	18
24	Stasis in forest regeneration following deer exclusion and understory gap creation: A 10-year experiment. <i>Ecological Applications</i> , 2022, 32, e2569.	3.8	17
25	Plant host identity and soil macronutrients explain little variation in sapling endophyte community composition: Is disturbance an alternative explanation?. <i>Journal of Ecology</i> , 2019, 107, 1876-1889.	4.0	14
26	Do Collared Peccaries Negatively Impact Understory Insectivorous Rain Forest Birds Indirectly Via Lianas and Vines?. <i>Biotropica</i> , 2015, 47, 745-757.	1.6	10
27	Quantifying deer and turkey leaf litter disturbances in the eastern deciduous forest: have nontrophic effects of consumers been overlooked?. <i>Canadian Journal of Forest Research</i> , 2014, 44, 1128-1132.	1.7	9
28	Herbivory and Plant Species Coexistence: Community Regulation by an Outbreaking Phytophagous Insect. <i>Ecological Monographs</i> , 2000, 70, 73.	5.4	8
29	Post-windthrow salvage logging increases seedling and understory diversity with little impact on composition immediately after logging. <i>New Forests</i> , 2020, 51, 409-420.	1.7	6
30	Does salvage logging erase a key physical legacy of a tornado blowdown? A case study of tree tip-up mounds. <i>Canadian Journal of Forest Research</i> , 2018, 48, 976-982.	1.7	4
31	A legacy of fire emerges from multiple disturbances to most shape microbial and nitrogen dynamics in a deciduous forest. <i>Soil Biology and Biochemistry</i> , 2022, , 108672.	8.8	3
32	Advice on Applying to Graduate School in Ecology and Evolutionary Biology: How to Prepare and a Step-by-Step Guide. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01917.	0.2	2
33	On the occurrence of a highly localized outbreak of a saturniid in lowland east Ecuador: a case study and literature review. <i>Neotropical Biodiversity</i> , 2021, 7, 39-44.	0.5	1