John D Parker

List of Publications by Year
in descending order

54 papers	4,098 citations	147726 31 h-index	168321 53 g-index
56 all docs	56 docs citations	56 times ranked	5654 citing authors

#	Article	IF	Citations
1	Opposing Effects of Native and Exotic Herbivores on Plant Invasions. Science, 2006, 311, 1459-1461.	6.0	515
2	Poleward expansion of mangroves is a threshold response to decreased frequency of extreme cold events. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 723-727.	3.3	431
3	Biotic resistance to plant invasions? Native herbivores prefer non-native plants. Ecology Letters, 2005, 8, 959-967.	3.0	266
4	GRAZER DIVERSITY, FUNCTIONAL REDUNDANCY, AND PRODUCTIVITY IN SEAGRASS BEDS: AN EXPERIMENTAL TEST. Ecology, 2001, 82, 2417-2434.	1.5	222
5	Do invasive species perform better in their new ranges?. Ecology, 2013, 94, 985-994.	1.5	210
6	Contributions of a global network of tree diversity experiments to sustainable forest plantations. Ambio, 2016, 45, 29-41.	2.8	203
7	Mutualisms and Aquatic Community Structure: The Enemy of My Enemy Is My Friend. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 175-197.	3.8	167
8	Plant species diversity and composition: experimental effects on marine epifaunal assemblages. Marine Ecology - Progress Series, 2001, 224, 55-67.	0.9	142
9	CHEMICALLY MEDIATED COMPETITION BETWEEN MICROBES AND ANIMALS: MICROBES AS CONSUMERS IN FOOD WEBS. Ecology, 2006, 87, 2821-2831.	1.5	138
10	Climate-driven regime shifts in a mangroveâ€“salt marsh ecotone over the past 250 years. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21602-21608.	3.3	127
11	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. Environmental and Experimental Botany, 2018, 152, 68-89.	2.0	113
12	Integrating physiological threshold experiments with climate modeling to project mangrove speciesâ€™ range expansion. Global Change Biology, 2015, 21, 1928-1938.	4.2	111
13	Variable effects of temperature on insect herbivory. PeerJ, 2014, 2, e376.	0.9	104
14	Increased temperature alters feeding behavior of a generalist herbivore. Oikos, 2013, 122, 1669-1678.	1.2	76
15	Comparative evolutionary diversity and phylogenetic structure across multiple forest dynamics plots: a mega-phylogeny approach. Frontiers in Genetics, 2014, 5, 358.	1.1	71
16	Sensitivity of mangrove range limits to climate variability. Global Ecology and Biogeography, 2018, 27, 925-935.	2.7	68
17	Quantifying the invasiveness of species. NeoBiota, 0, 21, 7-27.	1.0	63
18	Beaver herbivory on aquatic plants. Oecologia, 2007, 151, 616-625.	0.9	61

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19	Convergence of three mangrove species towards freezeâ€tolerant phenotypes at an expanding range edge. Functional Ecology, 2015, 29, 1332-1340.	1.7	61
20	Novel Weapons Testing: Are Invasive Plants More Chemically Defended than Native Plants?. PLoS ONE, 2010, 5, e10429.	1.1	58
21	Herbivory enhances positive effects of plant genotypic diversity. Ecology Letters, 2010, 13, 553-563.	3.0	57
22	Stream mosses as chemicallyâ€defended refugia for freshwater macroinvertebrates. Oikos, 2007, 116, 302-312.	1.2	50
23	Mangrove microclimates alter seedling dynamics at the range edge. Ecology, 2017, 98, 2513-2520.	1.5	49
24	Record Northernmost Endemic Mangroves on the United States Atlantic Coast with a Note on Latitudinal Migration. Southeastern Naturalist, 2014, 13, 56-63.	0.2	47
25	Land use history alters the relationship between native and exotic plants: the rich donâ€™t always get richer. Biological Invasions, 2010, 12, 1557-1571.	1.2	44
26	Comparative foliar metabolomics of a tropical and a temperate forest community. Ecology, 2018, 99, 2647-2653.	1.5	44
27	Recent advances in plant-herbivore interactions. F1000Research, 2017, 6, 119.	0.8	42
28	A regional assessment of white-tailed deer effects on plant invasion. AoB PLANTS, 2018, 10, plx047.	1.2	42
29	Deer Browsing Delays Succession by Altering Aboveground Vegetation and Belowground Seed Banks. PLoS ONE, 2014, 9, e91155.	1.1	40
30	Phylogenetic isolation increases plant success despite increasing susceptibility to generalist herbivores. Diversity and Distributions, 2012, 18, 1-9.	1.9	39
31	First evidence of hexameric and heptameric ellagitannins in plants detected by liquid chromatography/electrospray ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 3151-3156.	0.7	38
32	Positive interactions between herbivores and plant diversity shape forest regeneration. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140261.	1.2	37
33	Responses of plant phenology, growth, defense, and reproduction to interactive effects of warming and insect herbivory. Ecology, 2017, 98, 1817-1828.	1.5	34
34	Phylogenetic relatedness and leaf functional traits, not introduced status, influence community assembly. Ecology, 2015, 96, 2605-2612.	1.5	28
35	Ancient experiments: forest biodiversity and soil nutrients enhanced by Native American middens. Landscape Ecology, 2014, 29, 979-987.	1.9	26
36	Quantifying Differences Between Native and Introduced Species. Trends in Ecology and Evolution, 2016, 31, 372-381.	4.2	26

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37	Closely-related taxa influence woody species discrimination via DNA barcoding: evidence from global forest dynamics plots. Scientific Reports, 2015, 5, 15127.	1.6	23
38	White-Tailed Deer Alter Specialist and Generalist Insect Herbivory Through Plant Traits. Environmental Entomology, 2012, 41, 1409-1416.	0.7	22
39	Evolutionary Potential of Root Chemical Defense: Genetic Correlations with Shoot Chemistry and Plant Growth. Journal of Chemical Ecology, 2012, 38, 992-995.	0.9	22
40	Variability in the fundamental versus realized niches of North American mangroves. Journal of Biogeography, 2021, 48, 160-175.	1.4	22
41	Chemical Defenses Promote Persistence of the Aquatic Plant Micranthemum umbrosum. Journal of Chemical Ecology, 2006, 32, 815-833.	0.9	21
42	A specialist detritivore links Spartina alterniflora to salt marsh food webs. Marine Ecology - Progress Series, 2008, 364, 87-95.	0.9	20
43	Low humidity and hypersalinity reduce cold tolerance in mangroves. Estuarine, Coastal and Shelf Science, 2021, 248, 107015.	0.9	19
44	Tree Diversity Reduces Fungal Endophyte Richness and Diversity in a Large-Scale Temperate Forest Experiment. Diversity, 2019, 11, 234.	0.7	16
45	Chemical novelty facilitates herbivore resistance and biological invasions in some introduced plant species. Ecology and Evolution, 2020, 10, 8770-8792.	0.8	15
46	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	13
47	Response to Comment on "Opposing Effects of Native and Exotic Herbivores on Plant Invasions". Science, 2006, 313, 298b-298b.	6.0	10
48	Grazer Diversity, Functional Redundancy, and Productivity in Seagrass Beds: An Experimental Test. Ecology, 2001, 82, 2417.	1.5	10
49	Effects ofin situclimate warming on monarch caterpillar (Danaus plexippus) development. PeerJ, 2015, 3, e1293.	0.9	9
50	Insect herbivores increase mortality and reduce tree seedling growth of some species in temperate forest canopy gaps. PeerJ, 2017, 5, e3102.	0.9	9
51	Tree diversity promotes growth of late successional species despite increasing deer damage in a restored forest. Ecology, 2020, 101, e03063.	1.5	7
52	Reply to Giri and Long: Freeze-mediated expansion of mangroves does not depend on whether expansion is emergence or reemergence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1449-E1449.	3.3	4
53	Cascading effects of a highly specialized beech-aphidâ€“fungus interaction on forest regeneration. PeerJ, 2014, 2, e442.	0.9	4
54	Insectivorous birds reduce herbivory but do not increase mangrove growth across productivity zones. Ecology, 2022, 103, .	1.5	1