

Kasey E Barton

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,614
citations

394421

19
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

2039
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraspecific trait variation and reversals of trait strategies across key climate gradients in native Hawaiian plants and non-native invaders. <i>Annals of Botany</i> , 2021, 127, 553-564.	2.9	20
2	Hawaiian forest review: Synthesizing the ecology, evolution, and conservation of a model system. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021, 52, 125631.	2.7	23
3	Ontogenetic variation in salinity tolerance and ecophysiology of coastal dune plants. <i>Annals of Botany</i> , 2020, 125, 301-314.	2.9	10
4	Local adaptation constrains drought tolerance in a tropical foundation tree. <i>Journal of Ecology</i> , 2020, 108, 1540-1552.	4.0	31
5	Clinal variation in drought resistance shapes past population declines and future management of a threatened plant. <i>Ecological Monographs</i> , 2020, 90, e01398.	5.4	4
6	Additive and non-additive responses of seedlings to simulated herbivory and drought. <i>Biotropica</i> , 2020, 52, 1217-1228.	1.6	14
7	Intraspecific variation in seedling drought tolerance and associated traits in a critically endangered, endemic Hawaiian shrub. <i>Plant Ecology and Diversity</i> , 2020, 13, 159-174.	2.4	8
8	Structural defence is coupled with the leaf economic spectrum across saplings of spiny species. <i>Oikos</i> , 2020, 129, 740-752.	2.7	20
9	Shifts in woody plant defence syndromes during leaf development. <i>Functional Ecology</i> , 2019, 33, 2095-2104.	3.6	28
10	Dissecting macroecological and macroevolutionary patterns of forest biodiversity across the Hawaiian archipelago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16436-16441.	7.1	28
11	Developmental constraints and resource environment shape early emergence and investment in spines in saplings. <i>Annals of Botany</i> , 2019, 124, 1133-1142.	2.9	12
12	Plant competition as a mechanism of invasion on islands: Revisiting the conclusions of Kuebbing and Nuñez (2016). <i>Biotropica</i> , 2019, 51, 316-318.	1.6	5
13	Seedling drought tolerance and functional traits vary in response to the timing of water availability in a keystone Hawaiian tree species. <i>Plant Ecology</i> , 2019, 220, 321-344.	1.6	17
14	Risk of herbivore attack and heritability of ontogenetic trajectories in plant defense. <i>Oecologia</i> , 2018, 187, 413-426.	2.0	15
15	OpenNahele: the open Hawaiian forest plot database. <i>Biodiversity Data Journal</i> , 2018, 6, e28406.	0.8	9
16	Intraspecific and interspecific variation in prickly poppy resistance to non-native generalist caterpillars. <i>Botanical Sciences</i> , 2018, 96, 168-179.	0.8	4
17	Future directions in the ontogeny of plant defence: understanding the evolutionary causes and consequences. <i>Ecology Letters</i> , 2017, 20, 403-411.	6.4	103
18	Pre-damage biomass allocation and not invasiveness predicts tolerance to damage in seedlings of woody species in Hawaii. <i>Ecology</i> , 2017, 98, 3011-3021.	3.2	12

#	ARTICLE	IF	CITATIONS
19	Low tolerance to simulated herbivory in Hawaiian seedlings despite induced changes in photosynthesis and biomass allocation. <i>Annals of Botany</i> , 2016, 117, 1053-1062.	2.9	21
20	Tougher and thornier: general patterns in the induction of physical defence traits. <i>Functional Ecology</i> , 2016, 30, 181-187.	3.6	56
21	Additive and non-additive effects of birch genotypic diversity on arthropod herbivory in a long-term field experiment. <i>Oikos</i> , 2015, 124, 697-706.	2.7	36
22	Prickles, latex, and tolerance in the endemic Hawaiian prickly poppy (<i>Argemone glauca</i>): variation between populations, across ontogeny, and in response to abiotic factors. <i>Oecologia</i> , 2014, 174, 1273-1281.	2.0	47
23	Prickly Poppies Can Get Pricklier: Ontogenetic Patterns in the Induction of Physical Defense Traits. <i>PLoS ONE</i> , 2014, 9, e96796.	2.5	27
24	Ontogenetic patterns in the mechanisms of tolerance to herbivory in <i>Plantago</i> . <i>Annals of Botany</i> , 2013, 112, 711-720.	2.9	39
25	The ontogeny of plant indirect defenses. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013, 15, 245-254.	2.7	46
26	Seedling-herbivore interactions: insights into plant defence and regeneration patterns. <i>Annals of Botany</i> , 2013, 112, 643-650.	2.9	91
27	Temporal changes in plant secondary metabolite production. , 2012, , 34-55.		38
28	Influence of Tree Ontogeny on Plant-Herbivore Interactions. <i>Tree Physiology</i> , 2011, , 193-214.	2.5	36
29	The Ontogeny of Plant Defense and Herbivory: Characterizing General Patterns Using Meta-Analysis. <i>American Naturalist</i> , 2010, 175, 481-493.	2.1	434
30	Contrasting patterns of transgenerational plasticity in ecologically distinct congeners. <i>Ecology</i> , 2009, 90, 1831-1839.	3.2	143
31	Phenotypic plasticity in seedling defense strategies: compensatory growth and chemical induction. <i>Oikos</i> , 2008, 117, 917-925.	2.7	49
32	Early ontogenetic patterns in chemical defense in <i>Plantago</i> (<i>Plantaginaceae</i>): genetic variation and trade-offs. <i>American Journal of Botany</i> , 2007, 94, 56-66.	1.7	62
33	Neighbor species differentially alter resistance phenotypes in <i>Plantago</i> . <i>Oecologia</i> , 2006, 150, 442-452.	2.0	47
34	The Effects of Proximity and Colony Age on Interspecific Interference Competition between the Desert Ants <i>Pogonomyrmex barbatus</i> and <i>Aphaenogaster cockerelli</i> . <i>American Midland Naturalist</i> , 2002, 148, 376.	0.4	8
35	Long-term dynamics of the distribution of the invasive Argentine ant, <i>Linepithema humile</i> , and native ant taxa in northern California. <i>Oecologia</i> , 2001, 127, 123-130.	2.0	71