Kasey E Barton

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4573549/publications.pdf

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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	The Ontogeny of Plant Defense and Herbivory: Characterizing General Patterns Using Metaâ€Analysis. American Naturalist, 2010, 175, 481-493.	2.1	434
2	Contrasting patterns of transgenerational plasticity in ecologically distinct congeners. Ecology, 2009, 90, 1831-1839.	3.2	143
3	Future directions in the ontogeny of plant defence: understanding the evolutionary causes and consequences. Ecology Letters, 2017, 20, 403-411.	6.4	103
4	Seedlingâ€“herbivore interactions: insights into plant defence and regeneration patterns. Annals of Botany, 2013, 112, 643-650.	2.9	91
5	Long-term dynamics of the distribution of the invasive Argentine ant, Linepithema humile, and native ant taxa in northern California. Oecologia, 2001, 127, 123-130.	2.0	71
6	Early ontogenetic patterns in chemical defense in Plantago (Plantaginaceae): genetic variation and tradeâ€offs. American Journal of Botany, 2007, 94, 56-66.	1.7	62
7	Tougher and thornier: general patterns in the induction of physical defence traits. Functional Ecology, 2016, 30, 181-187.	3.6	56
8	Phenotypic plasticity in seedling defense strategies: compensatory growth and chemical induction. Oikos, 2008, 117, 917-925.	2.7	49
9	Neighbor species differentially alter resistance phenotypes in Plantago. Oecologia, 2006, 150, 442-452.	2.0	47
10	Prickles, latex, and tolerance in the endemic Hawaiian prickly poppy (Argemone glauca): variation between populations, across ontogeny, and in response to abiotic factors. Oecologia, 2014, 174, 1273-1281.	2.0	47
11	The ontogeny of plant indirect defenses. Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 245-254.	2.7	46
12	Ontogenetic patterns in the mechanisms of tolerance to herbivory in Plantago. Annals of Botany, 2013, 112, 711-720.	2.9	39
13	Temporal changes in plant secondary metabolite production. , 2012, , 34-55.		38
14	Additive and nonâ€additive effects of birch genotypic diversity on arthropod herbivory in a longâ€term field experiment. Oikos, 2015, 124, 697-706.	2.7	36
15	Influence of Tree Ontogeny on Plant-Herbivore Interactions. Tree Physiology, 2011, , 193-214.	2.5	36
16	Local adaptation constrains drought tolerance in a tropical foundation tree. Journal of Ecology, 2020, 108, 1540-1552.	4.0	31
17	Shifts in woody plant defence syndromes during leaf development. Functional Ecology, 2019, 33, 2095-2104.	3.6	28
18	Dissecting macroecological and macroevolutionary patterns of forest biodiversity across the Hawaiian archipelago. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16436-16441.	7.1	28

#	Article	IF	Citations
19	Prickly Poppies Can Get Pricklier: Ontogenetic Patterns in the Induction of Physical Defense Traits. PLoS ONE, 2014, 9, e96796.	2.5	27
20	Hawaiâ€˜i forest review: Synthesizing the ecology, evolution, and conservation of a model system. Perspectives in Plant Ecology, Evolution and Systematics, 2021, 52, 125631.	2.7	23
21	Low tolerance to simulated herbivory in Hawaiian seedlings despite induced changes in photosynthesis and biomass allocation. Annals of Botany, 2016, 117, 1053-1062.	2.9	21
22	Structural defence is coupled with the leaf economic spectrum across saplings of spiny species. Oikos, 2020, 129, 740-752.	2.7	20
23	Intraspecific trait variation and reversals of trait strategies across key climate gradients in native Hawaiian plants and non-native invaders. Annals of Botany, 2021, 127, 553-564.	2.9	20
24	Seedling drought tolerance and functional traits vary in response to the timing of water availability in a keystone Hawaiian tree species. Plant Ecology, 2019, 220, 321-344.	1.6	17
25	Risk of herbivore attack and heritability of ontogenetic trajectories in plant defense. Oecologia, 2018, 187, 413-426.	2.0	15
26	Additive and nonâ€additive responses of seedlings to simulated herbivory and drought. Biotropica, 2020, 52, 1217-1228.	1.6	14
27	Preâ€damage biomass allocation and not invasiveness predicts tolerance to damage in seedlings of woody species in Hawaii. Ecology, 2017, 98, 3011-3021.	3.2	12
28	Developmental constraints and resource environment shape early emergence and investment in spines in saplings. Annals of Botany, 2019, 124, 1133-1142.	2.9	12
29	Ontogenetic variation in salinity tolerance and ecophysiology of coastal dune plants. Annals of Botany, 2020, 125, 301-314.	2.9	10
30	OpenNahele: the open Hawaiian forest plot database. Biodiversity Data Journal, 2018, 6, e28406.	0.8	9
31	The Effects of Proximity and Colony Age on Interspecific Interference Competition between the Desert Ants Pogonomyrmex barbatus and Aphaenogaster cockerelli. American Midland Naturalist, 2002, 148, 376.	0.4	8
32	Intraspecific variation in seedling drought tolerance and associated traits in a critically endangered, endemic Hawaiian shrub. Plant Ecology and Diversity, 2020, 13, 159-174.	2.4	8
33	Plant competition as a mechanism of invasion on islands: Revisiting the conclusions of Kuebbing and NuÃ±ez (2016). Biotropica, 2019, 51, 316-318.	1.6	5
34	Clinal variation in drought resistance shapes past population declines and future management of a threatened plant. Ecological Monographs, 2020, 90, e01398.	5.4	4
35	Intraspecific and interspecific variation in prickly poppy resistance to non-native generalist caterpillars. Botanical Sciences, 2018, 96, 168-179.	0.8	4