Kailen A Mooney

List of Publications by Year
in descending order

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		186265	214800
71	2,549	28	47
papers	citations	h-index	g-index

72	72	72	2853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A common garden superâ€experiment: An impossible dream to inspire possible synthesis. Journal of Ecology, 2022, 110, 997-1004.	4.0	4
2	Comparing the Individual and Combined Effects of Ant Attendance and Wing Formation on Aphid Body Size and Reproduction. Annals of the Entomological Society of America, 2021, 114, 70-78.	2.5	1
3	Acyclic Terpenes Reduce Secondary Organic Aerosol Formation from Emissions of a Riparian Shrub. ACS Earth and Space Chemistry, 2021, 5, 1242-1253.	2.7	5
4	Regulating plant herbivore defense pathways in the face of attacker diversity. New Phytologist, 2021, 231, 2110-2112.	7.3	1
5	Snow melt timing acts independently and in conjunction with temperature accumulation to drive subalpine plant phenology. Global Change Biology, 2021, 27, 5054-5069.	9.5	15
6	Climatic displacement exacerbates the negative impact of drought on plant performance and associated arthropod abundance. Ecology, 2021, 102, e03462.	3.2	7
7	Effects of geographic variation in host plant resources for a specialist herbivore's contemporary and future distribution. Ecosphere, 2021, 12, e03822.	2.2	5
8	Are ants botanists? Ant associative learning of plant chemicals mediates foraging for carbohydrates. Ecological Entomology, 2020, 45, 251-258.	2.2	5
9	Generalising indirect defence and resistance of plants. Ecology Letters, 2020, 23, 1137-1152.	6.4	53
10	Plant structural complexity mediates tradeâ€off in direct and indirect plant defense by birds. Ecology, 2019, 100, e02853.	3.2	10
11	Sexual and genotypic variation in terpene quantitative and qualitative profiles in the dioecious shrub Baccharis salicifolia. Scientific Reports, 2019, 9, 14655.	3.3	8
12	Triâ€trophic interactions: bridging species, communities and ecosystems. Ecology Letters, 2019, 22, 2151-2167.	6.4	77
13	Elevational cline in herbivore abundance driven by a monotonic increase in trophicâ€level sensitivity to aridity. Journal of Animal Ecology, 2019, 88, 1406-1416.	2.8	5
14	Specificity of Plant-Plant Communication for Baccharis salicifolia Sexes but Not Genotypes. Bulletin of the Ecological Society of America, 2019, 100, e01481.	0.2	0
15	Plant chemical mediation of ant behavior. Current Opinion in Insect Science, 2019, 32, 98-103.	4.4	15
16	Weather cues associated with masting behavior dampen the negative autocorrelation between past and current reproduction in oaks. American Journal of Botany, 2019, 106, 51-60.	1.7	6
17	Progressive sensitivity of trophic levels to warming underlies an elevational gradient in antâ€“aphid mutualism strength. Oikos, 2019, 128, 540-550.	2.7	16
18	Intra-Specific Latitudinal Clines in Leaf Carbon, Nitrogen, and Phosphorus and their Underlying Abiotic Correlates in Ruellia Nudiflora. Scientific Reports, 2018, 8, 596.	3.3	7

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19	Relative effects of genetic variation sensu lato and sexual dimorphism on plant traits and associated arthropod communities. Oecologia, 2018, 187, 389-400.	2.0	16
20	Herbivore specificity and the chemical basis of plantâ€“plant communication in <scp>B</scp>accharis salicifolia (<scp>A</scp>steraceae). New Phytologist, 2018, 220, 703-713.	7.3	48
21	Elevational gradients in plant defences and insect herbivory: recent advances in the field and prospects for future research. Ecography, 2018, 41, 1485-1496.	4.5	97
22	Tropical tree diversity mediates foraging and predatory effects of insectivorous birds. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181842.	2.6	24
23	Specificity of plantâ€“plant communication for Baccharis salicifolia sexes but not genotypes. Ecology, 2018, 99, 2731-2739.	3.2	17
24	A test for clinal variation in Artemisia californica and associated arthropod responses to nitrogen addition. PLoS ONE, 2018, 13, e0191997.	2.5	0
25	Functional responses of contrasting seed predator guilds to masting in two Mediterranean oak species. Oikos, 2017, 126, 1042-1050.	2.7	13
26	Predatory birds and ants partition caterpillar prey by body size and diet breadth. Journal of Animal Ecology, 2017, 86, 1363-1371.	2.8	17
27	Genetically based latitudinal clines in Artemisia californica drive parallel clines in arthropod communities. Ecology, 2017, 98, 79-91.	3.2	16
28	Traits underlying community consequences of plant intra-specific diversity. PLoS ONE, 2017, 12, e0183493.	2.5	5
29	Test of biotic and abiotic correlates of latitudinal variation in defences in the perennial herb <scp>R</scp>uellia nudiflora. Journal of Ecology, 2016, 104, 580-590.	4.0	48
30	Multiâ€trophic consequences of plant genetic variation in sex andÂgrowth. Ecology, 2016, 97, 743-753.	3.2	11
31	Abiotic mediation of a mutualism drives herbivore abundance. Ecology Letters, 2016, 19, 37-44.	6.4	26
32	Effects of tree species diversity and genotypic diversity on leafminers and parasitoids in a tropical forest plantation. Agricultural and Forest Entomology, 2016, 18, 43-51.	1.3	11
33	Sex-specific responses to climate change in plants alter population sex ratio and performance. Science, 2016, 353, 69-71.	12.6	81
34	Editorial overview: Ecology: The studies of plantâ€“insect interaction â€” approaches spanning genes to ecosystems. Current Opinion in Insect Science, 2016, 14, v-vii.	4.4	1
35	Plant diversity effects on insect herbivores and their natural enemies: current thinking, recent findings, and future directions. Current Opinion in Insect Science, 2016, 14, 1-7.	4.4	138
36	Herbivore Diet Breadth and Host Plant Defense Mediate the Tri-Trophic Effects of Plant Toxins on Multiple Coccinellid Predators. PLoS ONE, 2016, 11, e0155716.	2.5	10

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37	Effects of climate on reproductive investment in a masting species: assessment of climatic predictors and underlying mechanisms. Journal of Ecology, 2015, 103, 1317-1324.	4.0	26
38	Comparison of tree genotypic diversity and species diversity effects on different guilds of insect herbivores. Oikos, 2015, 124, 1527-1535.	2.7	56
39	Latitudinal variation in herbivory: influences of climatic drivers, herbivore identity and natural enemies. Oikos, 2015, 124, 1444-1452.	2.7	79
40	Positive Effects of Plant Genotypic and Species Diversity on Anti-Herbivore Defenses in a Tropical Tree Species. PLoS ONE, 2014, 9, e105438.	2.5	59
41	Masting promotes individualâ€•and populationâ€•level reproduction by increasing pollination efficiency. Ecology, 2014, 95, 801-807.	3.2	34
42	Ecological and evolutionary consequences of plant genotype diversity in a triâ€trophic system. Ecology, 2014, 95, 2879-2893.	3.2	31
43	Plant traits mediate effects of predators across pepper (Capsicum annuum) varieties. Ecological Entomology, 2014, 39, 361-370.	2.2	9
44	Genetically based latitudinal variation in Artemisia californica secondary chemistry. Oikos, 2014, 123, 953-963.	2.7	56
45	Establishment and Management of Native Functional Groups in Restoration. Restoration Ecology, 2014, 22, 81-88.	2.9	26
46	Soil fertility and parasitoids shape herbivore selection on plants. Journal of Ecology, 2014, 102, 1120-1128.	4.0	9
47	Variability in seed cone production and functional response of seed predators to seed cone availability: support for the predator satiation hypothesis. Journal of Ecology, 2014, 102, 576-583.	4.0	37
48	Herbivore diet breadth mediates the cascading effects of carnivores in food webs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9521-9526.	7.1	67
49	Effects of Brassica nigra and plantâ€“fungi interactions on the arthropod community of Deinandra fasciculata. Biological Invasions, 2013, 15, 2443-2454.	2.4	7
50	Mechanisms underlying plant sexual dimorphism in multiâ€trophic arthropod communities. Ecology, 2013, 94, 2055-2065.	3.2	19
51	Influence of plant genetic diversity on interactions between higher trophic levels. Biology Letters, 2013, 9, 20130133.	2.3	46
52	Environmental and plant genetic effects on triâ€trophic interactions. Oikos, 2013, 122, 1157-1166.	2.7	34
53	Seasonal wing colour plasticity varies dramatically between buckeye butterfly populations in different climatic zones. Ecological Entomology, 2012, 37, 155-159.	2.2	21
54	Plant effects on herbivoreâ€“enemy interactions in natural systems. , 2012, , 107-130.		18

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55	Tritrophic Interactions at a Community Level: Effects of Host Plant Species Quality on Bird Predation of Caterpillars. American Naturalist, 2012, 179, 363-374.	2.1	84
56	Plant sex and induced responses independently influence herbivore performance, natural enemies and aphid-tending ants. Arthropod-Plant Interactions, 2012, 6, 553-560.	1.1	11
57	Antâ€“aphid interactions on Asclepias syriaca are mediated by plant genotype and caterpillar damage. Oikos, 2012, 121, 1905-1913.	2.7	30
58	Influence of macronutrient imbalance on native ant foraging and interspecific interactions in the field. Ecological Entomology, 2012, 37, 175-183.	2.2	18
59	The Tri-Trophic Interactions Hypothesis: Interactive Effects of Host Plant Quality, Diet Breadth and Natural Enemies on Herbivores. PLoS ONE, 2012, 7, e34403.	2.5	72
60	Masting in ponderosa pine: comparisons of pollen and seed over space and time. Oecologia, 2011, 165, 651-661.	2.0	47
61	Genetically based population variation in aphid association with ants and predators. Arthropod-Plant Interactions, 2011, 5, 1-7.	1.1	13
62	Competition hierarchies among ants and predation by birds jointly determine the strength of multi-species ant-aphid mutualisms. Oikos, 2010, 119, 874-882.	2.7	11
63	Interactions among predators and the cascading effects of vertebrate insectivores on arthropod communities and plants. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7335-7340.	7.1	175
64	Evolutionary Trade-Offs in Plants Mediate the Strength of Trophic Cascades. Science, 2010, 327, 1642-1644.	12.6	114
65	Plant Genotype Shapes Antâ€Aphid Interactions: Implications for Community Structure and Indirect Plant Defense. American Naturalist, 2008, 171, E195-E205.	2.1	105
66	BIRDS AS PREDATORS IN TROPICAL AGROFORESTRY SYSTEMS. Ecology, 2008, 89, 928-934.	3.2	200
67	TRITROPHIC EFFECTS OF BIRDS AND ANTS ON A CANOPY FOOD WEB, TREE GROWTH, AND PHYTOCHEMISTRY. Ecology, 2007, 88, 2005-2014.	3.2	76
68	THE DISRUPTION OF AN ANTâ€“APHID MUTUALISM INCREASES THE EFFECTS OF BIRDS ON PINE HERBIVORES. Ecology, 2006, 87, 1805-1815.	3.2	35
69	Contrasting cascades: insectivorous birds increase pine but not parasitic mistletoe growth. Journal of Animal Ecology, 2006, 75, 350-357.	2.8	37
70	TEMPORAL AND SPATIAL VARIATION TO ANT OMNIVORY IN PINE FORESTS. Ecology, 2005, 86, 1225-1235.	3.2	65
71	Facilitation at early growth stages results in spatial associations and stable coexistence in late growth stages of two longâ€lived, dominant shrubs. Oikos, 0, , .	2.7	3