

Kailen A Mooney

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,549
citations

186265

28
h-index

214800

47
g-index

72
all docs

72
docs citations

72
times ranked

2853
citing authors

#	ARTICLE	IF	CITATIONS
1	BIRDS AS PREDATORS IN TROPICAL AGROFORESTRY SYSTEMS. <i>Ecology</i> , 2008, 89, 928-934.	3.2	200
2	Interactions among predators and the cascading effects of vertebrate insectivores on arthropod communities and plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7335-7340.	7.1	175
3	Plant diversity effects on insect herbivores and their natural enemies: current thinking, recent findings, and future directions. <i>Current Opinion in Insect Science</i> , 2016, 14, 1-7.	4.4	138
4	Evolutionary Trade-Offs in Plants Mediate the Strength of Trophic Cascades. <i>Science</i> , 2010, 327, 1642-1644.	12.6	114
5	Plant Genotype Shapes Ant-Aphid Interactions: Implications for Community Structure and Indirect Plant Defense. <i>American Naturalist</i> , 2008, 171, E195-E205.	2.1	105
6	Elevational gradients in plant defences and insect herbivory: recent advances in the field and prospects for future research. <i>Ecography</i> , 2018, 41, 1485-1496.	4.5	97
7	Tritrophic Interactions at a Community Level: Effects of Host Plant Species Quality on Bird Predation of Caterpillars. <i>American Naturalist</i> , 2012, 179, 363-374.	2.1	84
8	Sex-specific responses to climate change in plants alter population sex ratio and performance. <i>Science</i> , 2016, 353, 69-71.	12.6	81
9	Latitudinal variation in herbivory: influences of climatic drivers, herbivore identity and natural enemies. <i>Oikos</i> , 2015, 124, 1444-1452.	2.7	79
10	Tri-trophic interactions: bridging species, communities and ecosystems. <i>Ecology Letters</i> , 2019, 22, 2151-2167.	6.4	77
11	TRITROPHIC EFFECTS OF BIRDS AND ANTS ON A CANOPY FOOD WEB, TREE GROWTH, AND PHYTOCHEMISTRY. <i>Ecology</i> , 2007, 88, 2005-2014.	3.2	76
12	The Tri-Trophic Interactions Hypothesis: Interactive Effects of Host Plant Quality, Diet Breadth and Natural Enemies on Herbivores. <i>PLoS ONE</i> , 2012, 7, e34403.	2.5	72
13	Herbivore diet breadth mediates the cascading effects of carnivores in food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9521-9526.	7.1	67
14	TEMPORAL AND SPATIAL VARIATION TO ANT OMNIVORY IN PINE FORESTS. <i>Ecology</i> , 2005, 86, 1225-1235.	3.2	65
15	Positive Effects of Plant Genotypic and Species Diversity on Anti-Herbivore Defenses in a Tropical Tree Species. <i>PLoS ONE</i> , 2014, 9, e105438.	2.5	59
16	Genetically based latitudinal variation in <i>Artemisia californica</i> secondary chemistry. <i>Oikos</i> , 2014, 123, 953-963.	2.7	56
17	Comparison of tree genotypic diversity and species diversity effects on different guilds of insect herbivores. <i>Oikos</i> , 2015, 124, 1527-1535.	2.7	56
18	Generalising indirect defence and resistance of plants. <i>Ecology Letters</i> , 2020, 23, 1137-1152.	6.4	53

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19	Test of biotic and abiotic correlates of latitudinal variation in defences in the perennial herb <i>Ruellia nudiflora</i> . <i>Journal of Ecology</i> , 2016, 104, 580-590.	4.0	48
20	Herbivore specificity and the chemical basis of plant-plant communication in <i>Baccharis salicifolia</i> (Asteraceae). <i>New Phytologist</i> , 2018, 220, 703-713.	7.3	48
21	Masting in ponderosa pine: comparisons of pollen and seed over space and time. <i>Oecologia</i> , 2011, 165, 651-661.	2.0	47
22	Influence of plant genetic diversity on interactions between higher trophic levels. <i>Biology Letters</i> , 2013, 9, 20130133.	2.3	46
23	Contrasting cascades: insectivorous birds increase pine but not parasitic mistletoe growth. <i>Journal of Animal Ecology</i> , 2006, 75, 350-357.	2.8	37
24	Variability in seed cone production and functional response of seed predators to seed cone availability: support for the predator satiation hypothesis. <i>Journal of Ecology</i> , 2014, 102, 576-583.	4.0	37
25	THE DISRUPTION OF AN ANT-APHID MUTUALISM INCREASES THE EFFECTS OF BIRDS ON PINE HERBIVORES. <i>Ecology</i> , 2006, 87, 1805-1815.	3.2	35
26	Environmental and plant genetic effects on tri-trophic interactions. <i>Oikos</i> , 2013, 122, 1157-1166.	2.7	34
27	Masting promotes individual- and population-level reproduction by increasing pollination efficiency. <i>Ecology</i> , 2014, 95, 801-807.	3.2	34
28	Ecological and evolutionary consequences of plant genotype diversity in a tri-trophic system. <i>Ecology</i> , 2014, 95, 2879-2893.	3.2	31
29	Ant-aphid interactions on <i>Asclepias syriaca</i> are mediated by plant genotype and caterpillar damage. <i>Oikos</i> , 2012, 121, 1905-1913.	2.7	30
30	Establishment and Management of Native Functional Groups in Restoration. <i>Restoration Ecology</i> , 2014, 22, 81-88.	2.9	26
31	Effects of climate on reproductive investment in a masting species: assessment of climatic predictors and underlying mechanisms. <i>Journal of Ecology</i> , 2015, 103, 1317-1324.	4.0	26
32	Abiotic mediation of a mutualism drives herbivore abundance. <i>Ecology Letters</i> , 2016, 19, 37-44.	6.4	26
33	Tropical tree diversity mediates foraging and predatory effects of insectivorous birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181842.	2.6	24
34	Seasonal wing colour plasticity varies dramatically between buckeye butterfly populations in different climatic zones. <i>Ecological Entomology</i> , 2012, 37, 155-159.	2.2	21
35	Mechanisms underlying plant sexual dimorphism in multi-trophic arthropod communities. <i>Ecology</i> , 2013, 94, 2055-2065.	3.2	19
36	Plant effects on herbivore-enemy interactions in natural systems. , 2012, , 107-130.		18

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37	Influence of macronutrient imbalance on native ant foraging and interspecific interactions in the field. <i>Ecological Entomology</i> , 2012, 37, 175-183.	2.2	18
38	Predatory birds and ants partition caterpillar prey by body size and diet breadth. <i>Journal of Animal Ecology</i> , 2017, 86, 1363-1371.	2.8	17
39	Specificity of plant-plant communication for <i>Baccharis salicifolia</i> sexes but not genotypes. <i>Ecology</i> , 2018, 99, 2731-2739.	3.2	17
40	Genetically based latitudinal clines in <i>Artemisia californica</i> drive parallel clines in arthropod communities. <i>Ecology</i> , 2017, 98, 79-91.	3.2	16
41	Relative effects of genetic variation sensu lato and sexual dimorphism on plant traits and associated arthropod communities. <i>Oecologia</i> , 2018, 187, 389-400.	2.0	16
42	Progressive sensitivity of trophic levels to warming underlies an elevational gradient in ant-aphid mutualism strength. <i>Oikos</i> , 2019, 128, 540-550.	2.7	16
43	Plant chemical mediation of ant behavior. <i>Current Opinion in Insect Science</i> , 2019, 32, 98-103.	4.4	15
44	Snow melt timing acts independently and in conjunction with temperature accumulation to drive subalpine plant phenology. <i>Global Change Biology</i> , 2021, 27, 5054-5069.	9.5	15
45	Genetically based population variation in aphid association with ants and predators. <i>Arthropod-Plant Interactions</i> , 2011, 5, 1-7.	1.1	13
46	Functional responses of contrasting seed predator guilds to masting in two Mediterranean oak species. <i>Oikos</i> , 2017, 126, 1042-1050.	2.7	13
47	Competition hierarchies among ants and predation by birds jointly determine the strength of multi-species ant-aphid mutualisms. <i>Oikos</i> , 2010, 119, 874-882.	2.7	11
48	Plant sex and induced responses independently influence herbivore performance, natural enemies and aphid-tending ants. <i>Arthropod-Plant Interactions</i> , 2012, 6, 553-560.	1.1	11
49	Multi-trophic consequences of plant genetic variation in sex and growth. <i>Ecology</i> , 2016, 97, 743-753.	3.2	11
50	Effects of tree species diversity and genotypic diversity on leafminers and parasitoids in a tropical forest plantation. <i>Agricultural and Forest Entomology</i> , 2016, 18, 43-51.	1.3	11
51	Plant structural complexity mediates trade-off in direct and indirect plant defense by birds. <i>Ecology</i> , 2019, 100, e02853.	3.2	10
52	Herbivore Diet Breadth and Host Plant Defense Mediate the Tri-Trophic Effects of Plant Toxins on Multiple Coccinellid Predators. <i>PLoS ONE</i> , 2016, 11, e0155716.	2.5	10
53	Plant traits mediate effects of predators across pepper (<i>Capsicum annuum</i>) varieties. <i>Ecological Entomology</i> , 2014, 39, 361-370.	2.2	9
54	Soil fertility and parasitoids shape herbivore selection on plants. <i>Journal of Ecology</i> , 2014, 102, 1120-1128.	4.0	9

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55	Sexual and genotypic variation in terpene quantitative and qualitative profiles in the dioecious shrub <i>Baccharis salicifolia</i> . <i>Scientific Reports</i> , 2019, 9, 14655.	3.3	8
56	Effects of <i>Brassica nigra</i> and plant-fungi interactions on the arthropod community of <i>Deinandra fasciculata</i> . <i>Biological Invasions</i> , 2013, 15, 2443-2454.	2.4	7
57	Intra-Specific Latitudinal Clines in Leaf Carbon, Nitrogen, and Phosphorus and their Underlying Abiotic Correlates in <i>Ruellia nudiflora</i> . <i>Scientific Reports</i> , 2018, 8, 596.	3.3	7
58	Climatic displacement exacerbates the negative impact of drought on plant performance and associated arthropod abundance. <i>Ecology</i> , 2021, 102, e03462.	3.2	7
59	Weather cues associated with masting behavior dampen the negative autocorrelation between past and current reproduction in oaks. <i>American Journal of Botany</i> , 2019, 106, 51-60.	1.7	6
60	Elevational cline in herbivore abundance driven by a monotonic increase in trophic-level sensitivity to aridity. <i>Journal of Animal Ecology</i> , 2019, 88, 1406-1416.	2.8	5
61	Are ants botanists? Ant associative learning of plant chemicals mediates foraging for carbohydrates. <i>Ecological Entomology</i> , 2020, 45, 251-258.	2.2	5
62	Acyclic Terpenes Reduce Secondary Organic Aerosol Formation from Emissions of a Riparian Shrub. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1242-1253.	2.7	5
63	Traits underlying community consequences of plant intra-specific diversity. <i>PLoS ONE</i> , 2017, 12, e0183493.	2.5	5
64	Effects of geographic variation in host plant resources for a specialist herbivore's contemporary and future distribution. <i>Ecosphere</i> , 2021, 12, e03822.	2.2	5
65	A common garden super-experiment: An impossible dream to inspire possible synthesis. <i>Journal of Ecology</i> , 2022, 110, 997-1004.	4.0	4
66	Facilitation at early growth stages results in spatial associations and stable coexistence in late growth stages of two long-lived, dominant shrubs. <i>Oikos</i> , 0, , .	2.7	3
67	Editorial overview: Ecology: The studies of plant-insect interaction approaches spanning genes to ecosystems. <i>Current Opinion in Insect Science</i> , 2016, 14, v-vii.	4.4	1
68	Comparing the Individual and Combined Effects of Ant Attendance and Wing Formation on Aphid Body Size and Reproduction. <i>Annals of the Entomological Society of America</i> , 2021, 114, 70-78.	2.5	1
69	Regulating plant herbivore defense pathways in the face of attacker diversity. <i>New Phytologist</i> , 2021, 231, 2110-2112.	7.3	1
70	A test for clinal variation in <i>Artemisia californica</i> and associated arthropod responses to nitrogen addition. <i>PLoS ONE</i> , 2018, 13, e0191997.	2.5	0
71	Specificity of Plant-Plant Communication for <i>Baccharis salicifolia</i> Sexes but Not Genotypes. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01481.	0.2	0