Arianne J Cease

List of Publications by Year
in descending order

32	939	516710 16	477307 29
papers	citations	h-index	g-index

34	34	34	921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seeing the locust in the swarm: accounting for spatiotemporal hierarchy improves ecological models of insect populations. Ecography, 2022, 2022, .	4.5	6
2	A Review of the Biology, Ecology, and Management of the South American Locust, Schistocerca cancellata (Serville, 1838), and Future Prospects. Agronomy, 2022, 12, 135.	3.0	11
3	What Have We Learned after Millennia of Locust Invasions?. Agronomy, 2022, 12, 472.	3.0	14
4	Generational variation in nutrient regulation for an outbreaking herbivore. Oikos, 2022, 2022, .	2.7	6
5	Physiological status is a stronger predictor of nutrient selection than ambient plant nutrient content for a wild herbivore. Current Research in Insect Science, 2021, 1, 100004.	1.7	6
6	High carbohydrate diet ingestion increases post-meal lipid synthesis and drives respiratory exchange ratios above 1. Journal of Experimental Biology, 2021, 224, .	1.7	8
7	Mismatched diets: defining the nutritional landscape of grasshopper communities in a variable environment. Ecosphere, 2021, 12, e03409.	2.2	8
8	Locusts and People: Integrating the Social Sciences in Sustainable Locust Management. Agronomy, 2021, 11, 951.	3.0	9
9	Linking land use and the nutritional ecology of herbivores: A case study with the Senegalese locust. Functional Ecology, 2020, 34, 167-181.	3.6	17
10	Nitrogen fertilizer decreases survival and reproduction of female locusts by increasing plant protein to carbohydrate ratio. Journal of Animal Ecology, 2020, 89, 2214-2221.	2.8	17
11	Woody vegetation remnants within pastures influence locust distribution: Testing bottom-up and top-down control. Agriculture, Ecosystems and Environment, 2020, 296, 106931.	5.3	8
12	Plant carbohydrate content limits performance and lipid accumulation of an outbreaking herbivore. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202500.	2.6	15
13	A Global Review on Locusts (Orthoptera: Acrididae) and Their Interactions With Livestock Grazing Practices. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	68
14	Soil-targeted interventions could alleviate locust and grasshopper pest pressure in West Africa. Science of the Total Environment, 2019, 663, 632-643.	8.0	24
15	Anoxia tolerance of the adult Australian Plague Locust (Chortoicetes terminifera). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 229, 81-92.	1.8	7
16	The impact of nitrogen enrichment on grassland ecosystem stability depends on nitrogen addition level. Science of the Total Environment, 2018, 618, 1529-1538.	8.0	51
17	Nutritional imbalance suppresses migratory phenotypes of the Mongolian locust (<i>Oedaleus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	30
18	From Molecules to Management: Mechanisms and Consequences of Locust Phase Polyphenism. Advances in Insect Physiology, 2017, 53, 167-285.	2.7	101

#	Article	IF	Citations
19	Consumerâ€driven nutrient dynamics in urban environments: the stoichiometry of human diets and waste management. Oikos, 2015, 124, 931-948.	2.7	16
20	Dietary phosphate affects food selection, post-ingestive P fate, and performance of a polyphagous herbivore. Journal of Experimental Biology, 2015, 219, 64-72.	1.7	20
21	Living With Locusts: Connecting Soil Nitrogen, Locust Outbreaks, Livelihoods, and Livestock Markets. BioScience, 2015, 65, 551-558.	4.9	45
22	Landscape level patterns of grasshopper communities in Inner Mongolia: interactive effects of livestock grazing and a precipitation gradient. Landscape Ecology, 2015, 30, 1657-1668.	4.2	30
23	Grasshoppers Regulate N:P Stoichiometric Homeostasis by Changing Phosphorus Contents in Their Frass. PLoS ONE, 2014, 9, e103697.	2.5	29
24	Caterpillars selected for large body size and short development time are more susceptible to oxygenâ€related stress. Ecology and Evolution, 2013, 3, 1305-1316.	1.9	19
25	Efficient utilization of aerobic metabolism helps Tibetan locusts conquer hypoxia. BMC Genomics, 2013, 14, 631.	2.8	29
26	Responses to capture stress and exogenous corticosterone vary with body condition in female red-sided garter snakes (Thamnophis sirtalis parietalis). Hormones and Behavior, 2013, 64, 748-754.	2.1	24
27	How Locusts Breathe. Physiology, 2013, 28, 18-27.	3.1	56
28	Jumpstarting STEM Careers. FASEB Journal, 2013, 27, 740.1.	0.5	1
29	Heavy Livestock Grazing Promotes Locust Outbreaks by Lowering Plant Nitrogen Content. Science, 2012, 335, 467-469.	12.6	180
30	Are color or high rearing density related to migratory polyphenism in the band-winged grasshopper, Oedaleus asiaticus?. Journal of Insect Physiology, 2010, 56, 926-936.	2.0	30
31	Linking stoichiometric homeostasis with ecosystem structure, functioning, and stability. Nature Precedings, 2010, , .	0.1	4
32	Corticosterone and the transition from courtship behavior to dispersal in male red-sided garter snakes (Thamnophis sirtalis parietalis). General and Comparative Endocrinology, 2007, 150, 124-131.	1.8	45