

Arianne J Cease

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

939
citations

516710

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477307

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docs citations

34
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy Livestock Grazing Promotes Locust Outbreaks by Lowering Plant Nitrogen Content. <i>Science</i> , 2012, 335, 467-469.	12.6	180
2	From Molecules to Management: Mechanisms and Consequences of Locust Phase Polyphenism. <i>Advances in Insect Physiology</i> , 2017, 53, 167-285.	2.7	101
3	A Global Review on Locusts (Orthoptera: Acrididae) and Their Interactions With Livestock Grazing Practices. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	68
4	How Locusts Breathe. <i>Physiology</i> , 2013, 28, 18-27.	3.1	56
5	The impact of nitrogen enrichment on grassland ecosystem stability depends on nitrogen addition level. <i>Science of the Total Environment</i> , 2018, 618, 1529-1538.	8.0	51
6	Corticosterone and the transition from courtship behavior to dispersal in male red-sided garter snakes (<i>Thamnophis sirtalis parietalis</i>). <i>General and Comparative Endocrinology</i> , 2007, 150, 124-131.	1.8	45
7	Living With Locusts: Connecting Soil Nitrogen, Locust Outbreaks, Livelihoods, and Livestock Markets. <i>BioScience</i> , 2015, 65, 551-558.	4.9	45
8	Are color or high rearing density related to migratory polyphenism in the band-winged grasshopper, <i>Oedaleus asiaticus</i> ?. <i>Journal of Insect Physiology</i> , 2010, 56, 926-936.	2.0	30
9	Landscape level patterns of grasshopper communities in Inner Mongolia: interactive effects of livestock grazing and a precipitation gradient. <i>Landscape Ecology</i> , 2015, 30, 1657-1668.	4.2	30
10	Nutritional imbalance suppresses migratory phenotypes of the Mongolian locust (<i>Oedaleus</i>). <i>Journal of Insect Physiology</i> , 2010, 56, 926-936.	2.4	30
11	Efficient utilization of aerobic metabolism helps Tibetan locusts conquer hypoxia. <i>BMC Genomics</i> , 2013, 14, 631.	2.8	29
12	Grasshoppers Regulate N:P Stoichiometric Homeostasis by Changing Phosphorus Contents in Their Frass. <i>PLoS ONE</i> , 2014, 9, e103697.	2.5	29
13	Responses to capture stress and exogenous corticosterone vary with body condition in female red-sided garter snakes (<i>Thamnophis sirtalis parietalis</i>). <i>Hormones and Behavior</i> , 2013, 64, 748-754.	2.1	24
14	Soil-targeted interventions could alleviate locust and grasshopper pest pressure in West Africa. <i>Science of the Total Environment</i> , 2019, 663, 632-643.	8.0	24
15	Dietary phosphate affects food selection, post-ingestive P fate, and performance of a polyphagous herbivore. <i>Journal of Experimental Biology</i> , 2015, 219, 64-72.	1.7	20
16	Caterpillars selected for large body size and short development time are more susceptible to oxygen-related stress. <i>Ecology and Evolution</i> , 2013, 3, 1305-1316.	1.9	19
17	Linking land use and the nutritional ecology of herbivores: A case study with the Senegalese locust. <i>Functional Ecology</i> , 2020, 34, 167-181.	3.6	17
18	Nitrogen fertilizer decreases survival and reproduction of female locusts by increasing plant protein to carbohydrate ratio. <i>Journal of Animal Ecology</i> , 2020, 89, 2214-2221.	2.8	17

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19	Consumer-driven nutrient dynamics in urban environments: the stoichiometry of human diets and waste management. <i>Oikos</i> , 2015, 124, 931-948.	2.7	16
20	Plant carbohydrate content limits performance and lipid accumulation of an outbreaking herbivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202500.	2.6	15
21	What Have We Learned after Millennia of Locust Invasions?. <i>Agronomy</i> , 2022, 12, 472.	3.0	14
22	A Review of the Biology, Ecology, and Management of the South American Locust, <i>Schistocerca gregaria</i> (Serville, 1838), and Future Prospects. <i>Agronomy</i> , 2022, 12, 135.	3.0	11
23	Locusts and People: Integrating the Social Sciences in Sustainable Locust Management. <i>Agronomy</i> , 2021, 11, 951.	3.0	9
24	Woody vegetation remnants within pastures influence locust distribution: Testing bottom-up and top-down control. <i>Agriculture, Ecosystems and Environment</i> , 2020, 296, 106931.	5.3	8
25	High carbohydrate diet ingestion increases post-meal lipid synthesis and drives respiratory exchange ratios above 1. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	8
26	Mismatched diets: defining the nutritional landscape of grasshopper communities in a variable environment. <i>Ecosphere</i> , 2021, 12, e03409.	2.2	8
27	Anoxia tolerance of the adult Australian Plague Locust (<i>Chortoicetes terminifera</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 229, 81-92.	1.8	7
28	Physiological status is a stronger predictor of nutrient selection than ambient plant nutrient content for a wild herbivore. <i>Current Research in Insect Science</i> , 2021, 1, 100004.	1.7	6
29	Seeing the locust in the swarm: accounting for spatiotemporal hierarchy improves ecological models of insect populations. <i>Ecography</i> , 2022, 2022, .	4.5	6
30	Generational variation in nutrient regulation for an outbreaking herbivore. <i>Oikos</i> , 2022, 2022, .	2.7	6
31	Linking stoichiometric homeostasis with ecosystem structure, functioning, and stability. <i>Nature Precedings</i> , 2010, , .	0.1	4
32	Jumpstarting STEM Careers. <i>FASEB Journal</i> , 2013, 27, 740.1.	0.5	1