David M Althoff

List of Publications by Year
in descending order

44	1,538	377584	355658
papers	citations	21 h-index	38 g-index

45	45	45	2485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of antagonistic and mutualistic traits in the yuccaâ€yucca moth obligate pollination mutualism. Journal of Evolutionary Biology, 2022, 35, 100-108.	0.8	4
2	Coevolution and Macroevolution. , 2021, , 193-205.		1
3	Tetranorsesquiterpenoids as Attractants of Yucca Moths to Yucca Flowers. Journal of Chemical Ecology, 2021, 47, 1025-1041.	0.9	7
4	The variable effects of global change on insect mutualisms. Current Opinion in Insect Science, 2021, 47, 46-52.	2.2	7
5	Active pollination drives selection for reduced pollenâ€ovule ratios. American Journal of Botany, 2020, 107, 164-170.	0.8	22
6	Species richness and redundancy promote persistence of exploited mutualisms in yeast. Science, 2020, 370, 346-350.	6.0	8
7	Different genetic basis for alcohol dehydrogenase activity and plasticity in a novel alcohol environment for Drosophila melanogaster. Heredity, 2020, 125, 101-109.	1.2	1
8	A metaâ€analysis of whole genome duplication and theÂeffects on flowering traits in plants. American Journal of Botany, 2019, 106, 469-476.	0.8	31
9	Selection on structural allelic variation biases plasticity estimates. Evolution; International Journal of Organic Evolution, 2019, 73, 1057-1062.	1.1	4
10	Phenotypic plasticity facilitates initial colonization of a novel environment. Evolution; International Journal of Organic Evolution, 2019, 73, 303-316.	1.1	31
11	The Pattern of Straight Chain Hydrocarbons Released by Yucca Flowers (Asparagaceae). Journal of Chemical Ecology, 2019, 45, 46-49.	0.9	9
12	The role of abiotic and biotic factors in determining coexistence of multiple pollinators in the yuccaâ€“yucca moth mutualism. Ecography, 2017, 40, 511-520.	2.1	7
13	The relative contributions of competition and abiotic tolerances in determining the geographical distributions of four closely relatedÂYuccaÂspecies in Texas. Journal of Biogeography, 2017, 44, 1373-1382.	1.4	5
14	Coevolution and Macroevolution. , 2017, , 1-13.		3
15	RADâ€seq phylogenomics recovers a wellâ€resolved phylogeny of a rapid radiation of mutualistic and antagonistic yucca moths. Systematic Entomology, 2016, 41, 672-682.	1.7	17
16	Phylogenetic analysis of <scp>RAD</scp>â€seq data: examining the influence of gene genealogy conflict on analysis of concatenated data. Cladistics, 2016, 32, 672-681.	1.5	39
17	Diversification and coevolution in brood pollination mutualisms: Windows into the role of biotic interactions in generating biological diversity. American Journal of Botany, 2016, 103, 1783-1792.	0.8	49
18	Specialization in the yuccaâ€“yucca moth obligate pollination mutualism: A role for antagonism?. American Journal of Botany, 2016, 103, 1803-1809.	0.8	17

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19	SHIFT IN EGG-LAYING STRATEGY TO AVOID PLANT DEFENSE LEADS TO REPRODUCTIVE ISOLATION IN MUTUALISTIC AND CHEATING YUCCA MOTHS. Evolution; International Journal of Organic Evolution, 2014, 68, 301-307.	1.1	16
20	The role of ecological availability and host plant characteristics in determining host use by the bogus yucca moth Prodoxus decipiens. Ecological Entomology, 2014, 39, 620-626.	1.1	9
21	Testing for coevolutionary diversification: linking pattern with process. Trends in Ecology and Evolution, 2014, 29, 82-89.	4.2	123
22	Florivore impacts on plant reproductive success and pollinator mortality in an obligate pollination mutualism. Oecologia, 2013, 173, 1345-1354.	0.9	15
23	Scale dependence of vegetationâ€“environment relationships: a metaâ€analysis of multivariate data. Journal of Vegetation Science, 2012, 23, 942-951.	1.1	91
24	Geographic isolation trumps coevolution as a driver of yucca and yucca moth diversification. Molecular Phylogenetics and Evolution, 2012, 62, 898-906.	1.2	89
25	THE EVOLUTIONARY UNDERPINNINGS OF MACROECOLOGY. Evolution; International Journal of Organic Evolution, 2010, 64, 291-294.	1.1	0
26	Characterization of polymorphic microsatellite loci in Yucca filamentosa. Molecular Ecology Resources, 2009, 9, 894-896.	2.2	2
27	Phylogeny of the pollinating yucca moths, with revision of Mexican species (Tegeticula and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.0	33
28	A test of hostâ€associated differentiation across the â€˜parasite continuumâ€™ in the triâ€trophic interaction among yuccas, bogus yucca moths, and parasitoids. Molecular Ecology, 2008, 17, 3917-3927.	2.0	33
29	The evolutionary ecology of cheating: does superficial oviposition facilitate the evolution of a cheater yucca moth?. Ecological Entomology, 2008, 33, 765-770.	1.1	8
30	Pattern and timing of diversification in Yucca (Agavaceae): specialized pollination does not escalate rates of diversification. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 249-258.	1.2	101
31	Linking ecological and evolutionary change in multitrophic interactions: assessing the evolutionary consequences of herbivore-induced changes in plant traits. , 2007, , 354-376.		1
32	Employing Philosophical Dialogue in Collaborative Science. BioScience, 2007, 57, 55-64.	2.2	286
33	The influence of interaction type and feeding location on the phylogeographic structure of the yucca moth community associated with Hesperoyucca whipplei. Molecular Phylogenetics and Evolution, 2007, 43, 398-406.	1.2	8
34	The phylogeny of yuccas. Molecular Phylogenetics and Evolution, 2007, 43, 493-501.	1.2	57
35	The Utility of Amplified Fragment Length Polymorphisms in Phylogenetics: A Comparison of Homology within and between Genomes. Systematic Biology, 2007, 56, 477-484.	2.7	98
36	Patterns of Speciation in the Yucca Moths: Parallel Species Radiations within the Tegeticula yuccasella Species Complex. Systematic Biology, 2006, 55, 398-410.	2.7	32

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37	COMMUNITY CONTEXT OF AN OBLIGATE MUTUALISM: POLLINATOR AND FLORIVORE EFFECTS ON YUCCA FILAMENTOSA. Ecology, 2005, 86, 905-913.	1.5	34
38	Phylogeny and life history evolution of Prodoxus yucca moths (Lepidoptera: Prodoxidae). Systematic Entomology, 2005, 31, 1-20.	1.7	33
39	Limiting cheaters in mutualism: evidence from hybridization between mutualist and cheater yucca moths. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2195-2201.	1.2	33
40	Characterizing the interaction between the bogus yucca moth and yuccas: do bogus yucca moths impact yucca reproductive success?. Oecologia, 2004, 140, 321-327.	0.9	18
41	Does parasitoid attack strategy influence host specificity? A test with New World braconids. Ecological Entomology, 2003, 28, 500-502.	1.1	33
42	EXAMINING GENETIC STRUCTURE IN A BOGUS YUCCA MOTH: A SEQUENTIAL APPROACH TO PHYLOGEOGRAPHY. Evolution; International Journal of Organic Evolution, 2002, 56, 1632-1643.	1.1	61
43	Phylogeographic Structure in the Bogus Yucca Moth Prodoxus quinquepunctellus (Prodoxidae): Comparisons with Coexisting Pollinator Yucca Moths. Molecular Phylogenetics and Evolution, 2001, 21, 117-127.	1.2	30
44	The effects of tail autotomy on survivorship and body growth of Uta stansburiana under conditions of high mortality. Oecologia, 1994, 100, 250-255.	0.9	32