Morgan Ernest

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5280118/publications.pdf

Version: 2024-02-01

70	6,534	109321	98798
papers	citations	35 h-index	67 g-index

88	88	88	9257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maintenance of community function through compensation breaks down over time in a desert rodent community. Ecology, 2022, 103, e3709.	3.2	7
2	portalcasting: Supporting automated forecasting of rodent populations. Journal of Open Source Software, 2022, 7, 3220.	4.6	0
3	Macroevolution of dimensionless life-history metrics in tetrapods. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210200.	2.6	3
4	InsectChange: a global database of temporal changes in insect and arachnid assemblages. Ecology, 2021, 102, e03354.	3.2	17
5	Declines in rodent abundance and diversity track regional climate variability in North American drylands. Global Change Biology, 2021, 27, 4005-4023.	9.5	7
6	Empirical abundance distributions are more uneven than expected given their statistical baseline. Ecology Letters, 2021, 24, 2025-2039.	6.4	4
7	Evaluating probabilistic ecological forecasts. Ecology, 2021, 102, e03431.	3.2	10
8	Ten Simple Rules for a successful remote postdoc. PLoS Computational Biology, 2020, 16, e1007809.	3.2	8
9	Temporal changes in species composition affect a ubiquitous speciesâ€™ use of habitat patches. Ecology, 2019, 100, e02869.	3.2	7
10	Developing a modern data workflow for regularly updated data. PLoS Biology, 2019, 17, e3000125.	5.6	31
11	Macroecological patterns of mammals across taxonomic, spatial, and temporal scales. Journal of Mammalogy, 2019, 100, 1087-1104.	1.3	9
12	Established rodent community delays recovery of dominant competitor following experimental disturbance. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192269.	2.6	2
13	Developing an automated iterative nearâ€term forecasting system for an ecological study. Methods in Ecology and Evolution, 2019, 10, 332-344.	5.2	54
14	portalr: an R package for summarizing and using the Portal Project Data. Journal of Open Source Software, 2019, 4, 1098.	4.6	5
15	Integrating community assembly and biodiversity to better understand ecosystem function: the Community Assembly and the Functioning of Ecosystems (<scp>CAFE</scp>) approach. Ecology Letters, 2018, 21, 167-180.	6.4	94
16	Longâ€term community change through multiple rapid transitions in a desert rodent community. Ecology, 2018, 99, 1523-1529.	3.2	26
17	Scales of data. Nature Ecology and Evolution, 2018, 2, 769-770.	7.8	1
18	BioTIME: A database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography, 2018, 27, 760-786.	5.8	289

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19	Body size shifts influence effects of increasing temperatures on ectotherm metabolism. Global Ecology and Biogeography, 2018, 27, 958-967.	5.8	18
20	Process-based allometry describes the influence of management on orchard tree aboveground architecture. PeerJ, 2018, 6, e4949.	2.0	7
21	Do persistent rare species experience stronger negative frequency dependence than common species?. Global Ecology and Biogeography, 2017, 26, 513-523.	5.8	43
22	Bees without Flowers: Before Peak Bloom, Diverse Native Bees Find Insect-Produced Honeydew Sugars. American Naturalist, 2017, 190, 281-291.	2.1	16
23	Community assembly and the functioning of ecosystems: how metacommunity processes alter ecosystems attributes. Ecology, 2017, 98, 909-919.	3.2	164
24	Long-term monitoring and experimental manipulation of a Chihuahuan desert ecosystem near Portal, Arizona (1977-2013). Ecology, 2016, 97, 1082-1082.	3.2	25
25	Using life history tradeâ€offs to understand coreâ€transient structuring of a small mammal community. Ecosphere, 2015, 6, 1-15.	2.2	24
26	An amniote lifeâ€history database to perform comparative analyses with birds, mammals, and reptiles. Ecology, 2015, 96, 3109-3109.	3.2	258
27	Using a â€˜Macroscopeâ€™ to Look at Patterns of Mammal Body Size in the Fossil Record. The Paleontological Society Special Publications, 2014, 13, 54-55.	0.0	0
28	Patterns of maximum body size evolution in Cenozoic land mammals: eco-evolutionary processes and abiotic forcing. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132049.	2.6	48
29	Speciesâ€level and communityâ€level responses to disturbance: a crossâ€community analysis. Ecology, 2014, 95, 1717-1723.	3.2	160
30	Niche opportunities and invasion dynamics in a desert annual community. Ecology Letters, 2013, 16, 158-166.	6.4	42
31	Effects of allometry, productivity and lifestyle on rates and limits of body size evolution. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131007.	2.6	26
32	Using Size Distributions to Understand the Role of Body Size in Mammalian Community Assembly. , 2013, , 147-167.		4
33	An experimental test of the response of macroecological patterns to altered species interactions. Ecology, 2012, 93, 2505-2511.	3.2	31
34	Strong selfâ€limitation promotes the persistence of rare species. Ecology, 2012, 93, 456-461.	3.2	69
35	The maximum rate of mammal evolution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4187-4190.	7.1	107
36	Species composition and abundance of mammalian communities. Ecology, 2011, 92, 2316-2316.	3.2	23

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37	Multimodality in the individual size distributions of bird communities. Global Ecology and Biogeography, 2011, 20, 145-153.	5.8	38
38	The Evolution of Maximum Body Size of Terrestrial Mammals. Science, 2010, 330, 1216-1219.	12.6	252
39	Redundant or complementary? Impact of a colonizing species on community structure and function. Oikos, 2010, 119, 1719-1726.	2.7	32
40	Long-term insights into the influence of precipitation on community dynamics in desert rodents. Journal of Mammalogy, 2010, 91, 787-797.	1.3	65
41	Integrating spatial and temporal approaches to understanding species richness. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3633-3643.	4.0	81
42	Changes in a tropical forest support metabolic zeroâ€sum dynamics. Ecology Letters, 2009, 12, 507-515.	6.4	27
43	Longâ€term monitoring and experimental manipulation of a Chihuahuan Desert ecosystem near Portal, Arizona, USA. Ecology, 2009, 90, 1708-1708.	3.2	39
44	Macroecology: more than the division of food and space among species on continents. Progress in Physical Geography, 2008, 32, 115-138.	3.2	48
45	Zero Sum, the Niche, and Metacommunities: Longâ€Term Dynamics of Community Assembly. American Naturalist, 2008, 172, E257-E269.	2.1	101
46	CHIHUAHUAN DESERT KANGAROO RATS: NONLINEAR EFFECTS OF POPULATION DYNAMICS, COMPETITION, AND RAINFALL. Ecology, 2008, 89, 2594-2603.	3.2	69
47	Compensatory dynamics are rare in natural ecological communities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3273-3277.	7.1	264
48	Relationships between body size and abundance in ecology. Trends in Ecology and Evolution, 2007, 22, 323-330.	8.7	678
49	INTRA-GUILD COMPENSATION REGULATES SPECIES RICHNESS IN DESERT RODENTS: REPLY. Ecology, 2006, 87, 2121-2125.	3.2	8
50	The Offspringâ€Size/Clutchâ€Size Tradeâ€Off in Mammals. American Naturalist, 2006, 167, 578-582.	2.1	96
51	The Offspring-Size/Clutch-Size Trade-off in Mammals. American Naturalist, 2006, 167, 578.	2.1	14
52	INTRA-GUILD COMPENSATION REGULATES SPECIES RICHNESS IN DESERT RODENTS. Ecology, 2005, 86, 567-573.	3.2	33
53	BODY SIZE, ENERGY USE, AND COMMUNITY STRUCTURE OF SMALL MAMMALS. Ecology, 2005, 86, 1407-1413.	3.2	56
54	Resource pulses, species interactions, and diversity maintenance in arid and semi-arid environments. Oecologia, 2004, 141, 236-253.	2.0	604

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55	Tradeâ€offs in Community Properties through Time in a Desert Rodent Community. American Naturalist, 2004, 164, 670-676.	2.1	60
56	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. American Naturalist, 2004, 163, 672-691.	2.1	173
57	TEMPORAL DYNAMICS IN THE STRUCTURE AND COMPOSITION OF A DESERT RODENT COMMUNITY. Ecology, 2004, 85, 2649-2655.	3.2	61
58	Constraints on Negative Relationships. , 2004, , 298-324.		7
59	Trade-Offs in Community Properties through Time in a Desert Rodent Community. American Naturalist, 2004, 164, 670.	2.1	9
60	LIFE HISTORY CHARACTERISTICS OF PLACENTAL NONVOLANT MAMMALS. Ecology, 2003, 84, 3402-3402.	3.2	170
61	Thermodynamic and metabolic effects on the scaling of production and population energy use. Ecology Letters, 2003, 6, 990-995.	6.4	215
62	BODY MASS OF LATE QUATERNARY MAMMALS. Ecology, 2003, 84, 3403-3403.	3.2	393
63	Rain and Rodents: Complex Dynamics of Desert Consumers. BioScience, 2002, 52, 979.	4.9	154
64	Effects of Fire and Grazing on an Arid Grassland ecosystem. Southwestern Naturalist, 2002, 47, 557.	0.1	31
65	Delayed Compensation for Missing Keystone Species by Colonization. Science, 2001, 292, 101-104.	12.6	89
66	Complex Species Interactions and the Dynamics of Ecological Systems: Long-Term Experiments. Science, 2001, 293, 643-650.	12.6	325
67	Regulation of diversity: maintenance of species richness in changing environments. Oecologia, 2001, 126, 321-332.	2.0	273
68	HOMEOSTASIS AND COMPENSATION: THE ROLE OF SPECIES AND RESOURCES IN ECOSYSTEM STABILITY. Ecology, 2001, 82, 2118-2132.	3.2	46
69	Homeostasis and Compensation: The Role of Species and Resources in Ecosystem Stability. Ecology, 2001, 82, 2118.	3.2	131
70	Rodents, plants, and precipitation: spatial and temporal dynamics of consumers and resources. Oikos, 2000, 88, 470-482.	2.7	202