

Morgan Ernest

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

6,534
citations

109264

35
h-index

98753

67
g-index

88
all docs

88
docs citations

88
times ranked

9257
citing authors

#	ARTICLE	IF	CITATIONS
1	Maintenance of community function through compensation breaks down over time in a desert rodent community. <i>Ecology</i> , 2022, 103, e3709.	1.5	7
2	portalcasting: Supporting automated forecasting of rodent populations. <i>Journal of Open Source Software</i> , 2022, 7, 3220.	2.0	0
3	Macroevolution of dimensionless life-history metrics in tetrapods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210200.	1.2	3
4	InsectChange: a global database of temporal changes in insect and arachnid assemblages. <i>Ecology</i> , 2021, 102, e03354.	1.5	17
5	Declines in rodent abundance and diversity track regional climate variability in North American drylands. <i>Global Change Biology</i> , 2021, 27, 4005-4023.	4.2	7
6	Empirical abundance distributions are more uneven than expected given their statistical baseline. <i>Ecology Letters</i> , 2021, 24, 2025-2039.	3.0	4
7	Evaluating probabilistic ecological forecasts. <i>Ecology</i> , 2021, 102, e03431.	1.5	10
8	Ten Simple Rules for a successful remote postdoc. <i>PLoS Computational Biology</i> , 2020, 16, e1007809.	1.5	8
9	Temporal changes in species composition affect a ubiquitous species' use of habitat patches. <i>Ecology</i> , 2019, 100, e02869.	1.5	7
10	Developing a modern data workflow for regularly updated data. <i>PLoS Biology</i> , 2019, 17, e3000125.	2.6	31
11	Macroecological patterns of mammals across taxonomic, spatial, and temporal scales. <i>Journal of Mammalogy</i> , 2019, 100, 1087-1104.	0.6	9
12	Established rodent community delays recovery of dominant competitor following experimental disturbance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192269.	1.2	2
13	Developing an automated iterative near-term forecasting system for an ecological study. <i>Methods in Ecology and Evolution</i> , 2019, 10, 332-344.	2.2	54
14	portalr: an R package for summarizing and using the Portal Project Data. <i>Journal of Open Source Software</i> , 2019, 4, 1098.	2.0	5
15	Integrating community assembly and biodiversity to better understand ecosystem function: the Community Assembly and the Functioning of Ecosystems (CAFÉ) approach. <i>Ecology Letters</i> , 2018, 21, 167-180.	3.0	94
16	Long-term community change through multiple rapid transitions in a desert rodent community. <i>Ecology</i> , 2018, 99, 1523-1529.	1.5	26
17	Scales of data. <i>Nature Ecology and Evolution</i> , 2018, 2, 769-770.	3.4	1
18	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	2.7	289

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19	Body size shifts influence effects of increasing temperatures on ectotherm metabolism. <i>Global Ecology and Biogeography</i> , 2018, 27, 958-967.	2.7	18
20	Process-based allometry describes the influence of management on orchard tree aboveground architecture. <i>PeerJ</i> , 2018, 6, e4949.	0.9	7
21	Do persistent rare species experience stronger negative frequency dependence than common species?. <i>Global Ecology and Biogeography</i> , 2017, 26, 513-523.	2.7	43
22	Bees without Flowers: Before Peak Bloom, Diverse Native Bees Find Insect-Produced Honeydew Sugars. <i>American Naturalist</i> , 2017, 190, 281-291.	1.0	16
23	Community assembly and the functioning of ecosystems: how metacommunity processes alter ecosystems attributes. <i>Ecology</i> , 2017, 98, 909-919.	1.5	164
24	Long-term monitoring and experimental manipulation of a Chihuahuan desert ecosystem near Portal, Arizona (1977-2013). <i>Ecology</i> , 2016, 97, 1082-1082.	1.5	25
25	Using life history trade-offs to understand core-transient structuring of a small mammal community. <i>Ecosphere</i> , 2015, 6, 1-15.	1.0	24
26	An amniote life-history database to perform comparative analyses with birds, mammals, and reptiles. <i>Ecology</i> , 2015, 96, 3109-3109.	1.5	258
27	Using a "MacroScope"™ to Look at Patterns of Mammal Body Size in the Fossil Record. <i>The Paleontological Society Special Publications</i> , 2014, 13, 54-55.	0.0	0
28	Patterns of maximum body size evolution in Cenozoic land mammals: eco-evolutionary processes and abiotic forcing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132049.	1.2	48
29	Species-level and community-level responses to disturbance: a cross-community analysis. <i>Ecology</i> , 2014, 95, 1717-1723.	1.5	160
30	Niche opportunities and invasion dynamics in a desert annual community. <i>Ecology Letters</i> , 2013, 16, 158-166.	3.0	42
31	Effects of allometry, productivity and lifestyle on rates and limits of body size evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131007.	1.2	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. <i>Ecology</i> , 2012, 93, 2505-2511.	1.5	31
34	Strong self-limitation promotes the persistence of rare species. <i>Ecology</i> , 2012, 93, 456-461.	1.5	69
35	The maximum rate of mammal evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4187-4190.	3.3	107
36	Species composition and abundance of mammalian communities. <i>Ecology</i> , 2011, 92, 2316-2316.	1.5	23

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37	Multimodality in the individual size distributions of bird communities. <i>Global Ecology and Biogeography</i> , 2011, 20, 145-153.	2.7	38
38	The Evolution of Maximum Body Size of Terrestrial Mammals. <i>Science</i> , 2010, 330, 1216-1219.	6.0	252
39	Redundant or complementary? Impact of a colonizing species on community structure and function. <i>Oikos</i> , 2010, 119, 1719-1726.	1.2	32
40	Long-term insights into the influence of precipitation on community dynamics in desert rodents. <i>Journal of Mammalogy</i> , 2010, 91, 787-797.	0.6	65
41	Integrating spatial and temporal approaches to understanding species richness. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3633-3643.	1.8	81
42	Changes in a tropical forest support metabolic zero-sum dynamics. <i>Ecology Letters</i> , 2009, 12, 507-515.	3.0	27
43	Long-term monitoring and experimental manipulation of a Chihuahuan Desert ecosystem near Portal, Arizona, USA. <i>Ecology</i> , 2009, 90, 1708-1708.	1.5	39
44	Macroecology: more than the division of food and space among species on continents. <i>Progress in Physical Geography</i> , 2008, 32, 115-138.	1.4	48
45	Zero Sum, the Niche, and Metacommunities: Long-Term Dynamics of Community Assembly. <i>American Naturalist</i> , 2008, 172, E257-E269.	1.0	101
46	CHIHUAHUAN DESERT KANGAROO RATS: NONLINEAR EFFECTS OF POPULATION DYNAMICS, COMPETITION, AND RAINFALL. <i>Ecology</i> , 2008, 89, 2594-2603.	1.5	69
47	Compensatory dynamics are rare in natural ecological communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3273-3277.	3.3	264
48	Relationships between body size and abundance in ecology. <i>Trends in Ecology and Evolution</i> , 2007, 22, 323-330.	4.2	678
49	INTRA-GUILD COMPENSATION REGULATES SPECIES RICHNESS IN DESERT RODENTS: REPLY. <i>Ecology</i> , 2006, 87, 2121-2125.	1.5	8
50	The Offspring-Size/Clutch-Size Trade-off in Mammals. <i>American Naturalist</i> , 2006, 167, 578-582.	1.0	96
51	The Offspring-Size/Clutch-Size Trade-off in Mammals. <i>American Naturalist</i> , 2006, 167, 578.	1.0	14
52	INTRA-GUILD COMPENSATION REGULATES SPECIES RICHNESS IN DESERT RODENTS. <i>Ecology</i> , 2005, 86, 567-573.	1.5	33
53	BODY SIZE, ENERGY USE, AND COMMUNITY STRUCTURE OF SMALL MAMMALS. <i>Ecology</i> , 2005, 86, 1407-1413.	1.5	56
54	Resource pulses, species interactions, and diversity maintenance in arid and semi-arid environments. <i>Oecologia</i> , 2004, 141, 236-253.	0.9	604

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55	Trade-Offs in Community Properties through Time in a Desert Rodent Community. <i>American Naturalist</i> , 2004, 164, 670-676.	1.0	60
56	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. <i>American Naturalist</i> , 2004, 163, 672-691.	1.0	173
57	TEMPORAL DYNAMICS IN THE STRUCTURE AND COMPOSITION OF A DESERT RODENT COMMUNITY. <i>Ecology</i> , 2004, 85, 2649-2655.	1.5	61
58	Constraints on Negative Relationships. , 2004, , 298-324.		7
59	Trade-Offs in Community Properties through Time in a Desert Rodent Community. <i>American Naturalist</i> , 2004, 164, 670.	1.0	9
60	LIFE HISTORY CHARACTERISTICS OF PLACENTAL NONVOLANT MAMMALS. <i>Ecology</i> , 2003, 84, 3402-3402.	1.5	170
61	Thermodynamic and metabolic effects on the scaling of production and population energy use. <i>Ecology Letters</i> , 2003, 6, 990-995.	3.0	215
62	BODY MASS OF LATE QUATERNARY MAMMALS. <i>Ecology</i> , 2003, 84, 3403-3403.	1.5	393
63	Rain and Rodents: Complex Dynamics of Desert Consumers. <i>BioScience</i> , 2002, 52, 979.	2.2	154
64	Effects of Fire and Grazing on an Arid Grassland ecosystem. <i>Southwestern Naturalist</i> , 2002, 47, 557.	0.1	31
65	Delayed Compensation for Missing Keystone Species by Colonization. <i>Science</i> , 2001, 292, 101-104.	6.0	89
66	Complex Species Interactions and the Dynamics of Ecological Systems: Long-Term Experiments. <i>Science</i> , 2001, 293, 643-650.	6.0	325
67	Regulation of diversity: maintenance of species richness in changing environments. <i>Oecologia</i> , 2001, 126, 321-332.	0.9	273
68	HOMEOSTASIS AND COMPENSATION: THE ROLE OF SPECIES AND RESOURCES IN ECOSYSTEM STABILITY. <i>Ecology</i> , 2001, 82, 2118-2132.	1.5	46
69	Homeostasis and Compensation: The Role of Species and Resources in Ecosystem Stability. <i>Ecology</i> , 2001, 82, 2118.	1.5	131
70	Rodents, plants, and precipitation: spatial and temporal dynamics of consumers and resources. <i>Oikos</i> , 2000, 88, 470-482.	1.2	202