

# Michael L Mckinney

## List of Publications by Year in descending order

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87  
papers

13,333  
citations

94433

37  
h-index

74163

75  
g-index

89  
all docs

89  
docs citations

89  
times ranked

12066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urbanization, Biodiversity, and Conservation. <i>BioScience</i> , 2002, 52, 883.	4.9	2,618
2	Urbanization as a major cause of biotic homogenization. <i>Biological Conservation</i> , 2006, 127, 247-260.	4.1	2,615
3	Biotic homogenization: a few winners replacing many losers in the next mass extinction. <i>Trends in Ecology and Evolution</i> , 1999, 14, 450-453.	8.7	2,040
4	Effects of urbanization on species richness: A review of plants and animals. <i>Urban Ecosystems</i> , 2008, 11, 161-176.	2.4	1,738
5	EXTINCTION VULNERABILITY AND SELECTIVITY: Combining Ecological and Paleontological Views. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1997, 28, 495-516.	6.7	781
6	Heterochrony. , 1991, , .		398
7	Pattern and process of biotic homogenization in the New Pangaea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4772-4777.	2.6	162
8	Measuring floristic homogenization by non-native plants in North America. <i>Global Ecology and Biogeography</i> , 2004, 13, 47-53.	5.8	161
9	High Rates of Extinction and Threat in Poorly Studied Taxa. <i>Conservation Biology</i> , 1999, 13, 1273-1281.	4.7	154
10	Effects of human population, area, and time on non-native plant and fish diversity in the United States. <i>Biological Conservation</i> , 2001, 100, 243-252.	4.1	122
11	Influence of settlement time, human population, park shape and age, visitation and roads on the number of alien plant species in protected areas in the USA. <i>Diversity and Distributions</i> , 2002, 8, 311-318.	4.1	121
12	Forecasting faunal and floral homogenization associated with human population geography in North America. <i>Biological Conservation</i> , 2006, 127, 261-271.	4.1	110
13	Role of human population size in raising bird and mammal threat among nations. <i>Animal Conservation</i> , 2001, 4, 45-57.	2.9	102
14	Do Exotics Homogenize or Differentiate Communities? Roles of Sampling and Exotic Species Richness. <i>Biological Invasions</i> , 2004, 6, 495-504.	2.4	99
15	Compositional similarity among urban floras within and across continents: biogeographical consequences of human-mediated biotic interchange. <i>Global Change Biology</i> , 2007, 13, 913-921.	9.5	98
16	Taxonomic homogenization of the global avifauna. <i>Animal Conservation</i> , 2000, 3, 27-35.	2.9	97
17	Ecological causation of heterochrony: a test and implications for evolutionary theory. <i>Paleobiology</i> , 1986, 12, 282-289.	2.0	91
18	Distance decay of similarity among European urban floras: the impact of anthropogenic activities on $\beta$ diversity. <i>Global Ecology and Biogeography</i> , 2008, 17, 363-371.	5.8	90

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19	Do human activities raise species richness? Contrasting patterns in United States plants and fishes. <i>Global Ecology and Biogeography</i> , 2002, 11, 343-348.	5.8	86
20	Global macroecology of bird assemblages in urbanized and semi-natural ecosystems. <i>Global Ecology and Biogeography</i> , 2011, 20, 426-436.	5.8	80
21	Allometry and heterochrony in an Eocene echinoid lineage: morphological change as a by-product of size selection. <i>Paleobiology</i> , 1984, 10, 407-419.	2.0	70
22	The Botanist Effect Revisited: Plant Species Richness, County Area, and Human Population Size in the United States. <i>Conservation Biology</i> , 2007, 21, 1333-1340.	4.7	70
23	Species introduced from nearby sources have a more homogenizing effect than species from distant sources: evidence from plants and fishes in the USA. <i>Diversity and Distributions</i> , 2005, 11, 367-374.	4.1	62
24	Compositional changes over space and time along an occurrence–abundance continuum: anthropogenic homogenization of the North American avifauna. <i>Journal of Biogeography</i> , 2007, 34, 2159-2167.	3.0	62
25	Heterochrony, disparity, and macroevolution. <i>Paleobiology</i> , 2005, 31, 17-26.	2.0	58
26	Classifying Heterochrony. <i>Topics in Geobiology</i> , 1988, , 17-34.	0.5	56
27	Ecosystem Organization and Extinction Dynamics. <i>Palaios</i> , 1993, 8, 202.	1.3	53
28	Changes in taxonomic and phylogenetic diversity in the Anthropocene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200777.	2.6	52
29	Invasiveness and homogenization: synergism of wide dispersal and high local abundance. <i>Global Ecology and Biogeography</i> , 2007, 16, 394-400.	5.8	49
30	Compositional similarity and the distribution of geographical range size for assemblages of native and non-native species in urban floras. <i>Diversity and Distributions</i> , 2006, 12, 679-686.	4.1	47
31	Taxonomic selectivity and continuous variation in mass and background extinctions of marine taxa. <i>Nature</i> , 1987, 325, 143-145.	27.8	45
32	Heterochrony: beyond words. <i>Paleobiology</i> , 1999, 25, 149-153.	2.0	43
33	Correlated Non-native Species Richness of Birds, Mammals, Herptiles and Plants: Scale Effects of Area, Human Population and Native Plants. <i>Biological Invasions</i> , 2006, 8, 415-425.	2.4	43
34	Extinction selectivity among lower taxa: gradational patterns and rarefaction error in extinction estimates. <i>Paleobiology</i> , 1995, 21, 300-313.	2.0	42
35	Suwannee Channel of the Paleogene Coastal Plain: Support for the ‘‘carbonate suppression’’ model of basin formation. <i>Geology</i> , 1984, 12, 343.	4.4	41
36	On Predicting Biotic Homogenization: Species-Area Patterns in Marine Biota. <i>Global Ecology and Biogeography Letters</i> , 1998, 7, 297.	0.6	41

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37	Biotic Homogenization: A Sequential and Selective Process. , 2001, , 1-17.		41
38	A Metric for Analyzing Taxonomic Patterns of Extinction Risk. Conservation Biology, 2002, 16, 1137-1142.	4.7	40
39	Mass extinction patterns of marine invertebrate groups and some implications for a causal phenomenon. Paleobiology, 1985, 11, 227-233.	2.0	39
40	Biostratigraphic gap analysis. Geology, 1986, 14, 36.	4.4	38
41	Urbanization impacts on land snail community composition. Urban Ecosystems, 2018, 21, 721-735.	2.4	36
42	How do rare species avoid extinction? A paleontological view. , 1997, , 110-129.		35
43	Effects of introduced species on floristic similarity: Comparing two US states. Basic and Applied Ecology, 2008, 9, 617-625.	2.7	34
44	Does ecosystem and evolutionary stability include rare species?. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 127, 191-207.	2.3	30
45	Knoxville's urban wilderness: Moving toward sustainable multifunctional management. Urban Forestry and Urban Greening, 2018, 29, 357-366.	5.3	28
46	Do humans homogenize or differentiate biotas? It depends. Journal of Biogeography, 2008, 35, 1960-1961.	3.0	24
47	The Juvenilized Ape Myth: Our "Overdeveloped" Brain. BioScience, 1998, 48, 109-116.	4.9	22
48	Urban futures. , 0, , 287-308.		22
49	Chemical and isotope compositions of shallow groundwater in areas impacted by hydraulic fracturing and surface mining in the Central Appalachian Basin, Eastern United States. Applied Geochemistry, 2016, 71, 73-85.	3.0	22
50	Effects of National Conservation Spending and Amount of Protected Area on Species Threat Rates. Conservation Biology, 2002, 16, 539-543.	4.7	20
51	PALEOECOLOGIC ASSESSMENT OF AN EDRIOASTEROID (ECHINODERMATA)-ENCRUSTED HARDGROUND FROM THE UPPER ORDOVICIAN (MAYSVILLIAN) BELLEVUE MEMBER, MAYSVILLE, KENTUCKY. Palaios, 2011, 26, 470-483.	1.3	19
52	Heterochrony in Evolution. Topics in Geobiology, 1988, , 327-340.	0.5	18
53	How Biostratigraphic Gaps Form. Journal of Geology, 1986, 94, 875-884.	1.4	17
54	Scaling of park trail length and visitation with park area: conservation implications. Animal Conservation, 2005, 8, 135-141.	2.9	16

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55	Citizens as Propagules for Exotic Plants: Measurement and Management Implications. Weed Technology, 2004, 18, 1480-1483.	0.9	15
56	Branching models predict loss of many bird and mammal orders within centuries. Animal Conservation, 1998, 1, 159-164.	2.9	14
57	Allometric strategies for increasing respiratory surface area in the Mississippian blastoid <i>Pentremites</i> . Lethaia, 2009, 42, 127-137.	1.4	13
58	TITANOTHERE ALLOMETRY, HETEROCHRONY, AND BIOMECHANICS: REVISING AN EVOLUTIONARY CLASSIC. Evolution; International Journal of Organic Evolution, 1985, 39, 1352-1363.	2.3	12
59	Eocene echinoids, the Suwannee Strait, and biogeographic taphonomy. Paleobiology, 1992, 18, 299-325.	2.0	11
60	Land snail dispersal, abundance and diversity on green roofs. PLoS ONE, 2019, 14, e0221135.	2.5	11
61	Beneficial Health Outcomes of Natural Green Infrastructure in Cities. Current Landscape Ecology Reports, 2020, 5, 35-44.	2.2	11
62	Title is missing!. Biodiversity and Conservation, 2002, 11, 1317-1325.	2.6	10
63	Morphometrics and phylogeography of the cave-obligate land snail <i>Helicodiscus barri</i> (Gastropoda). Tj ETQq1 1 0.784314 rgBT/Overl 5.0 10	5.0	10
64	Titanothera Allometry, Heterochrony, and Biomechanics: Revising an Evolutionary Classic. Evolution; International Journal of Organic Evolution, 1985, 39, 1352.	2.3	9
65	Periodic mass extinctions: Product of biosphere growth dynamics?. Historical Biology, 1989, 2, 273-287.	1.4	9
66	Heterochronic hierarchies: Application and theory in evolution. Historical Biology, 1990, 3, 269-287.	1.4	8
67	Extinction and population dynamics: New methods and evidence from Paleogene foraminifera. Geology, 1992, 20, 343.	4.4	8
68	Status and Distribution of the Cave-Obligat Land Snails in the Appalachians and Interior Low Plateau of the Eastern United States. American Malacological Bulletin, 2018, 36, 62-78.	0.2	8
69	Worldwide effects of non-native species on species-area relationships. Conservation Biology, 2021, 35, 711-721.	4.7	8
70	Spatiotemporal patterns of non-native terrestrial gastropods in the contiguous United States. NeoBiota, 0, 57, 133-152.	1.0	8
71	A new agelacrinitid edrioaasteroid attached to a large hardground clast from the McKenzie Member of the Mifflintown Member (Silurian) of Pennsylvania. Journal of Paleontology, 2009, 83, 794-803.	0.8	7
72	Taxonomic homogenization of the global avifauna. Animal Conservation, 2000, 3, 27-35.	2.9	6

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73	Ambulacral growth allometry in edrioasteroids: functional surface-volume change in ontogeny and phylogeny. <i>Lethaia</i> , 2011, 44, 102-108.	1.4	5
74	Response from McKinney. <i>BioScience</i> , 2003, 53, 5.	4.9	4
75	Does an Urban Wilderness Promote Gentrification? A Case Study from Knoxville, Tennessee, USA. <i>Sustainability</i> , 2022, 14, 973.	3.2	3
76	Strategies for Increasing Biodiversity Conservation in Cities Using Wastelands: Review and Case Study. <i>Cities and Nature</i> , 2021, , 39-64.	1.0	2
77	Book Reviews—The Shape of Life, reviewed by M. L. McKinney * Principles of Condensed Matter, D. G. Grier * Vignette. <i>Science</i> , 1996, 273, 1347-1348.	12.6	1
78	City Life. <i>BioScience</i> , 2003, 53, 1132.	4.9	1
79	Branching models predict loss of many bird and mammal orders within centuries. <i>Animal Conservation</i> , 1998, 1, 159-164.	2.9	1
80	Compositional similarity and the distribution of geographical range size for assemblages of native and non-native species in urban floras. <i>Diversity and Distributions</i> , 2006, .	4.1	1
81	Comment and Reply on “Savannee Channel of the Paleogene Coastal Plain: Support for the “carbonate suppression” model of basin formation” <i>Geology</i> , 1985, 13, 154.	4.4	0
82	Mass Extinctions. Processes and Evidence. Stephen K. Donovan, Ed. Columbia University Press, New York, 1989. xiv, 266 pp., illus. \$45. <i>Science</i> , 1990, 247, 475-476.	12.6	0
83	Fossil Abundance and Community Stasis. <i>The Paleontological Society Special Publications</i> , 1996, 8, 269-269.	0.0	0
84	Compositional similarity among urban floras within and across continents: biogeographical consequences of human-mediated biotic interchange. <i>Global Change Biology</i> , 2007, .	9.5	0
85	Evolutionary Trends: The Evolution of Complexity by Means of Natural Selection . John Tyler Bonner. Princeton University Press, Princeton, NJ, 1988. xii, 260 pp., illus. \$40; paper, \$13.95.. <i>Science</i> , 1989, 243, 103-103.	12.6	0
86	Evolutionary Trends: <i>The Evolution of Complexity by Means of Natural Selection</i> . John Tyler Bonner. Princeton University Press, Princeton, NJ, 1988. xii, 260 pp., illus. \$40; paper, \$13.95.. <i>Science</i> , 1989, 243, 103-103.	12.6	0
87	Coniferous conservation supporting a plethora of plethodontids: Implications of conserving eastern hemlock ( <i>Tsuga canadensis</i> ) on southern Appalachian montane salamanders. <i>Forest Ecology and Management</i> , 2022, 508, 120010.	3.2	0