

Anthony D Barnosky

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

9,599
citations

257101

24
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

12677
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated modern human-induced species losses: Entering the sixth mass extinction. <i>Science Advances</i> , 2015, 1, e1400253.	4.7	2,475
2	Trajectories of the Earth System in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8252-8259.	3.3	1,832
3	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016, 351, aad2622.	6.0	1,543
4	Assessing the Causes of Late Pleistocene Extinctions on the Continents. <i>Science</i> , 2004, 306, 70-75.	6.0	894
5	Late Quaternary Extinctions: State of the Debate. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 215-250.	3.8	679
6	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. <i>Science</i> , 2017, 355, .	6.0	260
7	Distinguishing the effects of the Red queen and Court Jester on Miocene mammal evolution in the northern Rocky Mountains. <i>Journal of Vertebrate Paleontology</i> , 2001, 21, 172-185.	0.4	259
8	Megafauna biomass tradeoff as a driver of Quaternary and future extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11543-11548.	3.3	199
9	Stratigraphic and Earth System approaches to defining the Anthropocene. <i>Earth's Future</i> , 2016, 4, 324-345.	2.4	162
10	Global Boundary Stratotype Section and Point (GSSP) for the Anthropocene Series: Where and how to look for potential candidates. <i>Earth-Science Reviews</i> , 2018, 178, 379-429.	4.0	153
11	Can nuclear weapons fallout mark the beginning of the Anthropocene Epoch?. <i>Bulletin of the Atomic Scientists</i> , 2015, 71, 46-57.	0.2	135
12	The Impact of the Species-Area Relationship on Estimates of Paleodiversity. <i>PLoS Biology</i> , 2005, 3, e266.	2.6	116
13	Variable impact of late-Quaternary megafaunal extinction in causing ecological state shifts in North and South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 856-861.	3.3	113
14	Effects of Quaternary Climatic Change on Speciation in Mammals. <i>Journal of Mammalian Evolution</i> , 2005, 12, 247-264.	1.0	102
15	Making the case for a formal Anthropocene Epoch: an analysis of ongoing critiques. <i>Newsletters on Stratigraphy</i> , 2017, 50, 205-226.	0.5	100
16	Combination of humans, climate, and vegetation change triggered Late Quaternary megafauna extinction in the Æltima Esperanza region, southern Patagonia, Chile. <i>Ecography</i> , 2016, 39, 125-140.	2.1	84
17	Exceptional record of mid-Pleistocene vertebrates helps differentiate climatic from anthropogenic ecosystem perturbations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9297-9302.	3.3	76
18	The Anthropocene: a conspicuous stratigraphical signal of anthropogenic changes in production and consumption across the biosphere. <i>Earth's Future</i> , 2016, 4, 34-53.	2.4	66

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19	The Anthropocene: Comparing Its Meaning in Geology (Chronostratigraphy) with Conceptual Approaches Arising in Other Disciplines. <i>Earth's Future</i> , 2021, 9, e2020EF001896.	2.4	61
20	Colonization of the Americas, "Little Ice Age" climate, and bomb-produced carbon: Their role in defining the Anthropocene. <i>Infrastructure Asset Management</i> , 2015, 2, 117-127.	1.2	57
21	From card catalogs to computers: databases in vertebrate paleontology. <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 13-28.	0.4	41
22	Evolution, climatic change and species boundaries: perspectives from tracing <i>Lemmings curtatus</i> populations through time and space. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2585-2590.	1.2	30
23	Climatic change, refugia, and biodiversity: where do we go from here? An editorial comment. <i>Climatic Change</i> , 2008, 86, 29-32.	1.7	28
24	A formal Anthropocene is compatible with but distinct from its diachronous anthropogenic counterparts: a response to W.F. Ruddiman's "three flaws in defining a formal Anthropocene". <i>Progress in Physical Geography</i> , 2019, 43, 319-333.	1.4	28
25	Biostratigraphy and magnetostratigraphy of the mid-Miocene Railroad Canyon sequence, Montana and Idaho, and age of the mid-Tertiary unconformity west of the continental Divide. <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 204-224.	0.4	22
26	Defining climate's role in ecosystem evolution: Clues from late quaternary mammals. <i>Historical Biology</i> , 1994, 8, 173-190.	0.7	19
27	Temperate Terrestrial Vertebrate Faunas in North and South America: Interplay of Ecology, Evolution, and Geography with Biodiversity. <i>Conservation Biology</i> , 2001, 15, 658-674.	2.4	19
28	Transforming the global energy system is required to avoid the sixth mass extinction. <i>MRS Energy & Sustainability</i> , 2015, 2, 1.	1.3	16
29	The palaeontological record of the Anthropocene. <i>Geology Today</i> , 2018, 34, 188-193.	0.3	10
30	A Quantitative Model for Distinguishing Between Climate Change, Human Impact, and Their Synergistic Interaction as Drivers of the Late Quaternary Megafaunal Extinctions. <i>The Paleontological Society Papers</i> , 2015, 21, 1-20.	0.8	5