

Anthony D Barnosky

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

6,695
citations

23
h-index

31
g-index

31
ext. papers

8,222
ext. citations

8.7
avg, IF

5.87
L-index

#	Paper	IF	Citations
31	Accelerated modern human-induced species losses: Entering the sixth mass extinction. <i>Science Advances</i> , 2015 , 1, e1400253	14.3	1603
30	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	11.5	1184
29	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016 , 351, aad2622	33.3	1050
28	Assessing the causes of late Pleistocene extinctions on the continents. <i>Science</i> , 2004 , 306, 70-5	33.3	713
27	Late Quaternary Extinctions: State of the Debate. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006 , 37, 215-250	13.5	524
26	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	1.7	215
25	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. <i>Science</i> , 2017 , 355,	33.3	169
24	Colloquium paper: 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 Suppl 1, 11543-8	11.5	158
23	Stratigraphic and Earth System approaches to defining the Anthropocene. <i>Earth's Future</i> , 2016 , 4, 324-345	11.5	106
22	Can nuclear weapons fallout mark the beginning of the Anthropocene Epoch?. <i>Bulletin of the Atomic Scientists</i> , 2015 , 71, 46-57	1.6	101
21	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	10.2	101
20	The impact of the species-area relationship on estimates of paleodiversity. <i>PLoS Biology</i> , 2005 , 3, e266	9.7	98
19	Effects of Quaternary Climatic Change on Speciation in Mammals. <i>Journal of Mammalian Evolution</i> , 2005 , 12, 247-264	2.2	85
18	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, 856-61	11.5	80
17	Making the case for a formal Anthropocene Epoch: an analysis of ongoing critiques. <i>Newsletters on Stratigraphy</i> , 2017 , 50, 205-226	2.9	66
16	Combination of humans, climate, and vegetation change triggered Late Quaternary megafauna extinction in the Ñuma Esperanza region, southern Patagonia, Chile. <i>Ecography</i> , 2016 , 39, 125-140	6.5	64
15	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, 9297-302	11.5	60

14	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	1.8	48
13	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	7.9	48
12	From card catalogs to computers: databases in vertebrate paleontology. <i>Journal of Vertebrate Paleontology</i> , 2013 , 33, 13-28	1.7	30
11	Evolution, climatic change and species boundaries: perspectives from tracing <i>Lemmings</i> populations through time and space. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 2585-90	4.4	28
10	The Anthropocene: Comparing Its Meaning in Geology (Chronostratigraphy) with Conceptual Approaches Arising in Other Disciplines. <i>Earth's Future</i> , 2021 , 9, e2020EF001896	7.9	28
9	Climatic change, refugia, and biodiversity: where do we go from here? An editorial comment. <i>Climatic Change</i> , 2008 , 86, 29-32	4.5	24
8	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	3.5	22
7	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	1.7	21
6	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	6	17
5	Defining climate's role in ecosystem evolution: Clues from late quaternary mammals. <i>Historical Biology</i> , 1994 , 8, 173-190	1.1	15
4	Dodging Extinction 2014 ,		12
3	Transforming the global energy system is required to avoid the sixth mass extinction. <i>MRS Energy & Sustainability</i> , 2015 , 2, 1	2.2	11
2	The palaeontological record of the Anthropocene. <i>Geology Today</i> , 2018 , 34, 188-193	0.4	9
1	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		5