

Will Steffen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7737958/will-steffen-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

32
papers

23,860
citations

27
h-index

33
g-index

33
ext. papers

29,241
ext. citations

14.8
avg, IF

6.47
L-index

#	Paper	IF	Citations
32	A safe operating space for humanity. <i>Nature</i> , 2009 , 461, 472-5	50.4	6399
31	Sustainability. Planetary boundaries: guiding human development on a changing planet. <i>Science</i> , 2015 , 347, 1259855	33.3	4597
30	Planetary Boundaries: Exploring the Safe Operating Space for Humanity. <i>Ecology and Society</i> , 2009 , 14,	4.1	2588
29	The Anthropocene: are humans now overwhelming the great forces of Nature?. <i>Ambio</i> , 2007 , 36, 614-216.5	16.5	1665
28	Policy: Sustainable development goals for people and planet. <i>Nature</i> , 2013 , 495, 305-7	50.4	1536
27	The trajectory of the Anthropocene: The Great Acceleration. <i>Infrastructure Asset Management</i> , 2015 , 2, 81-98	1.8	1396
26	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
25	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016 , 351, aad2622	33.3	1050
24	The anthropocene: from global change to planetary stewardship. <i>Ambio</i> , 2011 , 40, 739-61	6.5	892
23	Climate tipping points - too risky to bet against. <i>Nature</i> , 2019 , 575, 592-595	50.4	521
22	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015 , 383, 196-203	2	357
21	Plausible and desirable futures in the Anthropocene: A new research agenda. <i>Global Environmental Change</i> , 2016 , 39, 351-362	10.1	298
20	Human modification of global water vapor flows from the land surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7612-7	11.5	264
19	Re-conceptualizing the Anthropocene: A call for collaboration. <i>Global Environmental Change</i> , 2016 , 39, 318-327	10.1	157
18	Human impacts on planetary boundaries amplified by Earth system interactions. <i>Nature Sustainability</i> , 2020 , 3, 119-128	22.1	108
17	Stratigraphic and Earth System approaches to defining the Anthropocene. <i>Earth's Future</i> , 2016 , 4, 324-345	10.1	106
16	Policy design for the Anthropocene. <i>Nature Sustainability</i> , 2019 , 2, 14-21	22.1	105

15	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
14	The emergence and evolution of Earth System Science. <i>Nature Reviews Earth & Environment</i> , 2020 , 1, 54-63	30.2	98
13	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021 , 50, 834-869	6.5	78
12	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
11	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
10	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. <i>Communications Earth & Environment</i> , 2020 , 1,	6.1	44
9	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020 , 2, 223-234	8.1	43
8	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020 , 56, e2019WR024957	5.4	42
7	The topology of non-linear global carbon dynamics: from tipping points to planetary boundaries. <i>Environmental Research Letters</i> , 2013 , 8, 044048	6.2	36
6	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
5	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
4	Planetary Boundaries: Separating Fact from Fiction. A Response to Montoya et al. <i>Trends in Ecology and Evolution</i> , 2018 , 33, 233-234	10.9	15
3	A planetary boundary for green water. <i>Nature Reviews Earth & Environment</i> ,	30.2	6
2	Current and future threats to human health in the Anthropocene. <i>Environment International</i> , 2021 , 158, 106892	12.9	5
1	The Earth System, the Great Acceleration and the Anthropocene 2022 , 15-32		2