

Will Steffen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7737958/publications.pdf>

Version: 2024-02-01

32
papers

35,332
citations

172207

29
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

29125
citing authors

#	ARTICLE	IF	CITATIONS
1	A safe operating space for humanity. <i>Nature</i> , 2009, 461, 472-475.	13.7	8,638
2	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	6.0	7,124
3	Planetary Boundaries: Exploring the Safe Operating Space for Humanity. <i>Ecology and Society</i> , 2009, 14, .	1.0	3,867
4	The Anthropocene: Are Humans Now Overwhelming the Great Forces of Nature. <i>Ambio</i> , 2007, 36, 614-621.	2.8	2,318
5	The trajectory of the Anthropocene: The Great Acceleration. <i>Infrastructure Asset Management</i> , 2015, 2, 81-98.	1.2	2,231
6	Sustainable development goals for people and planet. <i>Nature</i> , 2013, 495, 305-307.	13.7	2,055
7	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
8	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016, 351, aad2622.	6.0	1,543
9	The Anthropocene: From Global Change to Planetary Stewardship. <i>Ambio</i> , 2011, 40, 739-761.	2.8	1,175
10	Climate tipping points "too risky to bet against". <i>Nature</i> , 2019, 575, 592-595.	13.7	1,162
11	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015, 383, 196-203.	0.7	546
12	Plausible and desirable futures in the Anthropocene: A new research agenda. <i>Global Environmental Change</i> , 2016, 39, 351-362.	3.6	389
13	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, 7612-7617.	3.3	299
14	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021, 50, 834-869.	2.8	275
15	Human impacts on planetary boundaries amplified by Earth system interactions. <i>Nature Sustainability</i> , 2020, 3, 119-128.	11.5	217
16	The emergence and evolution of Earth System Science. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 54-63.	12.2	213
17	Re-conceptualizing the Anthropocene: A call for collaboration. <i>Global Environmental Change</i> , 2016, 39, 318-327.	3.6	210
18	Policy design for the Anthropocene. <i>Nature Sustainability</i> , 2019, 2, 14-21.	11.5	176

#	ARTICLE	IF	CITATIONS
19	Stratigraphic and Earth System approaches to defining the Anthropocene. <i>Earth's Future</i> , 2016, 4, 324-345.	2.4	162
20	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
21	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	101
22	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
23	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020, 2, 223-234.	3.6	98
24	A planetary boundary for green water. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 380-392.	12.2	95
25	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020, 56, e2019WR024957.	1.7	86
26	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
27	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
28	The topology of non-linear global carbon dynamics: from tipping points to planetary boundaries. <i>Environmental Research Letters</i> , 2013, 8, 044048.	2.2	45
29	Current and future threats to human health in the Anthropocene. <i>Environment International</i> , 2022, 158, 106892.	4.8	45
30	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
31	Planetary Boundaries: Separating Fact from Fiction. A Response to Montoya et al.. <i>Trends in Ecology and Evolution</i> , 2018, 33, 233-234.	4.2	21
32	The Earth System, the Great Acceleration and the Anthropocene. , 2022, , 15-32.		4