Rachel Warren

List of Publications by Year
in descending order

29 papers	2,361 citations	394286 19 h-index	477173 29 g-index
31 all docs	31 docs citations	31 times ranked	4254 citing authors

#	Article	IF	Citations
1	The human imperative of stabilizing global climate change at 1.5Â°C. Science, 2019, 365, .	6.0	498
2	Quantifying the benefit of early climate change mitigation in avoiding biodiversity loss. Nature Climate Change, 2013, 3, 678-682.	8.1	291
3	IPCC reasons for concern regarding climate change risks. Nature Climate Change, 2017, 7, 28-37.	8.1	266
4	The projected effect on insects, vertebrates, and plants of limiting global warming to 1.5Â°C rather than 2Â°C. Science, 2018, 360, 791-795.	6.0	244
5	How well do integrated assessment models simulate climate change?. Climatic Change, 2011, 104, 255-285.	1.7	127
6	Modelling commercial fish distributions: Prediction and assessment using different approaches. Ecological Modelling, 2012, 225, 133-145.	1.2	111
7	Increasing impacts of climate change upon ecosystems with increasing global mean temperature rise. Climatic Change, 2011, 106, 141-177.	1.7	81
8	Predicting the Impact of Climate Change on Threatened Species in UK Waters. PLoS ONE, 2013, 8, e54216.	1.1	78
9	The role of interactions in a world implementing adaptation and mitigation solutions to climate change. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 217-241.	1.6	73
10	The implications of the United Nations Paris Agreement on climate change for globally significant biodiversity areas. Climatic Change, 2018, 147, 395-409.	1.7	72
11	Sensitivity of UK butterflies to local climatic extremes: which life stages are most at risk?. Journal of Animal Ecology, 2017, 86, 108-116.	1.3	70
12	Asynchronous exposure to global warming: freshwater resources and terrestrial ecosystems. Environmental Research Letters, 2013, 8, 034032.	2.2	52
13	Using scenarios to project the changing profitability of fisheries under climate change. Fish and Fisheries, 2015, 16, 603-622.	2.7	48
14	Conducting robust ecological analyses with climate data. Oikos, 2017, 126, 1533-1541.	1.2	34
15	Burning embers: towards more transparent and robust climate-change risk assessments. Nature Reviews Earth & Environment, 2020, 1, 516-529.	12.2	29
16	Advancing national climate change risk assessment to deliver national adaptation plans. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170295.	1.6	25
17	Impacts on terrestrial biodiversity of moving from a 2Â°C to a 1.5Â°C target. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20160456.	1.6	24
18	Global costs of protecting against sea-level rise at 1.5 to 4.0ÂÂ°C. Climatic Change, 2021, 167, 1.	1.7	24

#	Article	IF	Citations
19	The Economics of 1.5Â°C Climate Change. Annual Review of Environment and Resources, 2018, 43, 455-480.	5.6	23
20	The AVOID programmeâ€™s new simulations of the global benefits of stringent climate change mitigation. Climatic Change, 2013, 120, 55-70.	1.7	19
21	Applying distribution model projections for an uncertain future: the case of the Pacific oyster in UK waters. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 710-722.	0.9	19
22	Variation in the climatic response to SRES emissions scenarios in integrated assessment models. Climatic Change, 2010, 102, 671-685.	1.7	18
23	Evaluating heat extremes in the UK Climate Projections (UKCP18). Environmental Research Letters, 2021, 16, 014039.	2.2	18
24	Global and regional aggregate damages associated with global warming of 1.5 to 4ÂÂ°C above pre-industrial levels. Climatic Change, 2021, 168, 1.	1.7	16
25	Quantifying risks avoided by limiting global warming to 1.5 or 2ÂÂ°C above pre-industrial levels. Climatic Change, 2022, 172, .	1.7	11
26	European drought regimes under mitigated andÂunmitigated climate change: application of the Community Integrated Assessment System (CIAS). Climate Research, 2012, 51, 105-123.	0.4	10
27	Climate change and terrestrial biodiversity. , 2021, , 85-114.		3
28	Avoiding dangerous climate: results from the AVOID2 programme. Weather, 2017, 72, 340-345.	0.6	2
29	Climate Change and Wild Species. , 2013, , 79-99.		1