D J Frame

List of Publications by Year
in descending order

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76	8,408	147726 31	88593 70
papers	citations	h-index	g-index

82	82	82	8919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear response of Asian summer monsoon precipitation to emission reductions in South and East Asia. Environmental Research Letters, 2022, 17, 014005.	2.2	11
2	On the attribution of the impacts of extreme weather events to anthropogenic climate change. Environmental Research Letters, 2022, 17, 024009.	2.2	32
3	Influence of Ozone Forcing on 21st Century Southern Hemisphere Surface Westerlies in CMIP6 Models. Geophysical Research Letters, 2022, 49, .	1.5	7
4	Methane and the Paris Agreement temperature goals. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20200456.	1.6	14
5	Integrating attribution with adaptation for unprecedented future heatwaves. Climatic Change, 2022, 172, 1.	1.7	7
6	Understanding Road Transport Emissions Reduction Policies Using Multi-criteria Analysis. , 2022, , 3203-3223.		0
7	Aotearoa New Zealand's 21stâ€Century Wildfire Climate. Earth's Future, 2022, 10, .	2.4	8
8	Understanding Road Transport Emissions Reduction Policies Using Multi-criteria Analysis. , 2021, , 1-21.		0
9	Costs and emissions: Comparing electric and petrol-powered cars in New Zealand. Transportation Research, Part D: Transport and Environment, 2021, 90, 102671.	3.2	22
10	Agriculture's Contribution to Climate Change and Role in Mitigation Is Distinct From Predominantly Fossil CO2-Emitting Sectors. Frontiers in Sustainable Food Systems, 2021, 4, 518039.	1.8	139
11	The question of life, the universe and event attribution. Nature Climate Change, 2021, 11, 276-278.	8.1	21
12	Automaticity and delegation in climate targets. Environmental Research Letters, 2021, 16, 044049.	2.2	0
13	Lifetime Climate Impacts of Diet Transitions: A Novel Climate Change Accounting Perspective. Sustainability, 2021, 13, 5568.	1.6	10
14	Comment on â€˜Unintentional unfairness when applying new greenhouse gas emissions metrics at country levelâ€™. Environmental Research Letters, 2021, 16, 068001.	2.2	7
15	Transient and Quasiâ€Equilibrium Climate States at 1.5Â°C and 2Â°C Global Warming. Earth's Future, 2021, 9, e2021EF002274.	2.4	9
16	Acceptability of transport emissions reduction policies: A multi-criteria analysis. Renewable and Sustainable Energy Reviews, 2020, 133, 110298.	8.2	31
17	The economic costs of Hurricane Harvey attributable to climate change. Climatic Change, 2020, 160, 271-281.	1.7	69
18	Climate change attribution and the economic costs of extreme weather events: a study on damages from extreme rainfall and drought. Climatic Change, 2020, 162, 781-797.	1.7	93

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19	Observed Emergence of the Climate Change Signal: From the Familiar to the Unknown. Geophysical Research Letters, 2020, 47, e2019GL086259.	1.5	76
20	Stable climate metrics for emissions of short and long-lived speciesâ€”combining steps and pulses. Environmental Research Letters, 2020, 15, 024018.	2.2	54
21	Curbing the car: the mitigation potential of a higher carbon price in the New Zealand transport sector. Climate Policy, 2020, 20, 563-576.	2.6	7
22	Toward an Inventory of the Impacts of Human-Induced Climate Change. Bulletin of the American Meteorological Society, 2020, 101, E1972-E1979.	1.7	21
23	Emissions and emergence: a new index comparing relative contributions to climate change with relative climatic consequences. Environmental Research Letters, 2019, 14, 084009.	2.2	12
24	Improved calculation of warming-equivalent emissions for short-lived climate pollutants. Npj Climate and Atmospheric Science, 2019, 2, 29.	2.6	162
25	Emissions from the road transport sector of New Zealand: key drivers and challenges. Environmental Science and Pollution Research, 2019, 26, 23937-23957.	2.7	43
26	Reply to â€˜Interpretations of the Paris climate targetâ€™. Nature Geoscience, 2018, 11, 222-222.	5.4	8
27	How Uneven Are Changes to Impactâ€Relevant Climate Hazards in a 1.5 Â°C World and Beyond?. Geophysical Research Letters, 2018, 45, 6672-6680.	1.5	33
28	Transmission of climate risks across sectors and borders. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170301.	1.6	74
29	A solution to the misrepresentations of CO2-equivalent emissions of short-lived climate pollutants under ambitious mitigation. Npj Climate and Atmospheric Science, 2018, 1, .	2.6	230
30	Population-based emergence of unfamiliarÂclimates. Nature Climate Change, 2017, 7, 407-411.	8.1	57
31	Emission budgets and pathways consistent with limiting warming to 1.5â€‰Â°C. Nature Geoscience, 2017, 10, 741-747.	5.4	422
32	A real-time Global Warming Index. Scientific Reports, 2017, 7, 15417.	1.6	145
33	Seasonal cycles enhance disparities between low- and high-income countries in exposure to monthly temperature emergence with future warming. Environmental Research Letters, 2017, 12, 114039.	2.2	12
34	Investigating eventâ€specific drought attribution using selfâ€organizing maps. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,766.	1.2	17
35	Poorest countries experience earlier anthropogenic emergence of daily temperature extremes. Environmental Research Letters, 2016, 11, 055007.	2.2	108
36	Embracing uncertainty in climate change policy. Nature Climate Change, 2015, 5, 917-920.	8.1	53

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37	Cumulative emissions and climate policy. Nature Geoscience, 2014, 7, 692-693.	5.4	29
38	Wetter then drier in some tropical areas. Nature Climate Change, 2014, 4, 646-647.	8.1	19
39	Assessment of the first consensus prediction on climateÂchange. Nature Climate Change, 2013, 3, 357-359.	8.1	29
40	Climate system properties determining the social cost of carbon. Environmental Research Letters, 2013, 8, 024032.	2.2	3
41	The role of short-lived climate pollutants in meeting temperature goals. Nature Climate Change, 2013, 3, 1021-1024.	8.1	89
42	Broad range of 2050 warming from an observationally constrained large climate model ensemble. Nature Geoscience, 2012, 5, 256-260.	5.4	109
43	Correction to â€œAlternatives to stabilization scenariosâ€• Geophysical Research Letters, 2012, 39, .	1.5	0
44	Emerging Markets and Climate Change: Mexican Standâ€•off or Lowâ€•carbon Race?. , 2012, , 147-170.		1
45	Cumulative carbon emissions, emissions floors and short-term rates of warming: implications for policy. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 45-66.	1.6	24
46	The problems of markets: science, norms and the commodification of carbon. Geographical Journal, 2011, 177, 138-148.	1.6	23
47	Projections of when temperature change will exceed 2 Â°C above pre-industrial levels. Nature Climate Change, 2011, 1, 407-412.	8.1	151
48	Sensitivity of Twentieth-Century Sahel Rainfall to Sulfate Aerosol and CO₂ Forcing. Journal of Climate, 2011, 24, 4999-5014.	1.2	125
49	An issue of trust: state corruption, responsibility and greenhouse gas emissions. Environmental Research Letters, 2010, 5, 014004.	2.2	3
50	Expert judgments about transient climate response to alternative future trajectories of radiative forcing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12451-12456.	3.3	71
51	Discursive stability meets climate instability: A critical exploration of the concept of â€˜climate stabilizationâ€™ in contemporary climate policy. Global Environmental Change, 2010, 20, 53-64.	3.6	49
52	The exit strategy. Nature Climate Change, 2009, 1, 56-58.	8.1	24
53	Changes in the Global Sulfate Burden due to Perturbations in Global CO2 Concentrations. Journal of Climate, 2009, 22, 5421-5432.	1.2	12
54	Greenhouse-gas emission targets for limiting global warming to 2â€‰Â°C. Nature, 2009, 458, 1158-1162.	13.7	2,245

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55	Warming caused by cumulative carbon emissions towards the trillionth tonne. Nature, 2009, 458, 1163-1166.	13.7	1,282
56	The case for mandatory sequestration. Nature Geoscience, 2009, 2, 813-814.	5.4	33
57	Quantifying the effects of perturbing the physics of an interactive sulfur scheme using an ensemble of GCMs on the climateprediction.net platform. Journal of Geophysical Research, 2009, 114, .	3.3	8
58	The climate prediction .net BBC climate change experiment: design of the coupled model ensemble. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 855-870.	1.6	31
59	Comment on â€œHeat capacity, time constant, and sensitivity of Earth's climate systemâ€•by S. E. Schwartz. Journal of Geophysical Research, 2008, 113, .	3.3	48
60	Constraints on Model Response to Greenhouse Gas Forcing and the Role of Subgrid-Scale Processes. Journal of Climate, 2008, 21, 2384-2400.	1.2	57
61	Association of parameter, software, and hardware variation with large-scale behavior across 57,000 climate models. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12259-12264.	3.3	65
62	Call Off the Quest. Science, 2007, 318, 582-583.	6.0	90
63	Probabilistic climate forecasts and inductive problems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 1971-1992.	1.6	34
64	Regional probabilistic climate forecasts from a multithousand, multimodel ensemble of simulations. Journal of Geophysical Research, 2007, 112, .	3.3	11
65	Uncertainty in climate-sensitivity estimates (Reply). Nature, 2007, 446, E2-E2.	13.7	2
66	Alternatives to stabilization scenarios. Geophysical Research Letters, 2006, 33, .	1.5	41
67	Model error in weather and climate forecasting. , 2006, , 391-427.		24
68	Climate sensitivity constrained by temperature reconstructions over the past seven centuries. Nature, 2006, 440, 1029-1032.	13.7	343
69	Uncertainty in predictions of the climate response to rising levels of greenhouse gases. Nature, 2005, 433, 403-406.	13.7	994
70	Constraining climate forecasts: The role of prior assumptions. Geophysical Research Letters, 2005, 32, .	1.5	135
71	Constraints on climate change from a multi-thousand member ensemble of simulations. Geophysical Research Letters, 2005, 32, .	1.5	130
72	How far ahead could we predict El NiÃ±o?. Geophysical Research Letters, 2002, 29, 130-1-130-4.	1.5	23

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73	A new technique for evaluating mesospheric momentum balance utilizing radars and satellite data. Annales Geophysicae, 2000, 18, 478-484.	0.6	2
74	A comparison between mesospheric wind measurements made near Christchurch (44Â°S, 173Â°E) using the high resolution doppler imager (HRDI) and a medium frequency (MF) radar. Annales Geophysicae, 2000, 18, 555-565.	0.6	0
75	Hydrogen deficient binaries - photometry and orbits. Monthly Notices of the Royal Astronomical Society, 1995, 276, 383-396.	1.6	9
76	Data access and analysis with distributed federated data servers in climate<i>prediction</i>.net. Advances in Geosciences, 0, 8, 49-56.	12.0	15