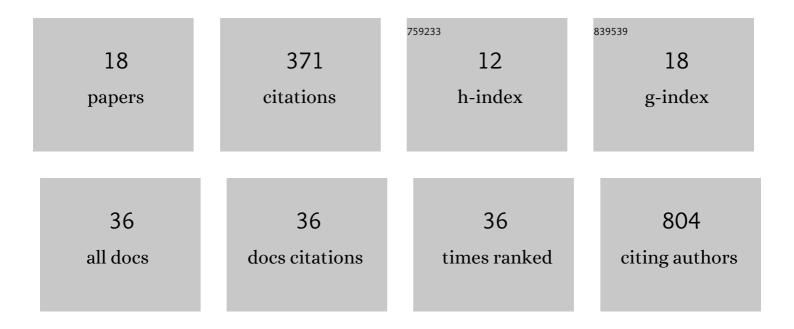
Brendan Byrne

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	China's Terrestrial Carbon Sink Over 2010–2015 Constrained by Satellite Observations of Atmospheric CO ₂ and Land Surface Variables. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	8
2	On the role of atmospheric model transport uncertainty in estimating the Chinese land carbon sink. Nature, 2022, 603, E13-E14.	27.8	21
3	The 2019 methane budget and uncertainties at 1° resolution and each country through Bayesian integration Of GOSAT total column methane data and a priori inventory estimates. Atmospheric Chemistry and Physics, 2022, 22, 6811-6841.	4.9	24
4	Correlation between paddy rice growth and satellite-observed methane column abundance does not imply causation. Nature Communications, 2021, 12, 1163.	12.8	5
5	Quantifying the Impact of the COVID-19 Pandemic Restrictions on CO, CO2, and CH4 in Downtown Toronto Using Open-Path Fourier Transform Spectroscopy. Atmosphere, 2021, 12, 848.	2.3	5
6	Comment on "Recent global decline of CO ₂ fertilization effects on vegetation photosynthesis― Science, 2021, 373, eabg2947.	12.6	18
7	The Carbon Cycle of Southeast Australia During 2019–2020: Drought, Fires, and Subsequent Recovery. AGU Advances, 2021, 2, .	5.4	21
8	Contrasting Regional Carbon Cycle Responses to Seasonal Climate Anomalies Across the Eastâ€West Divide of Temperate North America. Global Biogeochemical Cycles, 2020, 34, e2020GB006598.	4.9	12
9	Improved Constraints on Northern Extratropical CO ₂ Fluxes Obtained by Combining Surfaceâ€Based and Spaceâ€Based Atmospheric CO ₂ Measurements. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032029.	3.3	26
10	Cropland Carbon Uptake Delayed and Reduced by 2019 Midwest Floods. AGU Advances, 2020, 1, e2019AV000140.	5.4	41
11	Monitoring Urban Greenhouse Gases Using Open-Path Fourier Transform Spectroscopy. Atmosphere - Ocean, 2020, 58, 25-45.	1.6	10
12	On what scales can GOSAT flux inversions constrain anomalies in terrestrial ecosystems?. Atmospheric Chemistry and Physics, 2019, 19, 13017-13035.	4.9	13
13	Evaluating GPP and Respiration Estimates Over Northern Midlatitude Ecosystems Using Solarâ€Induced Fluorescence and Atmospheric CO ₂ Measurements. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2976-2997.	3.0	21
14	A comparison of posterior atmospheric CO ₂ adjustments obtained from in situ and GOSAT constrained flux inversions. Atmospheric Chemistry and Physics, 2018, 18, 12011-12044.	4.9	8
15	Sensitivity of CO ₂ surface flux constraints to observational coverage. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6672-6694.	3.3	24
16	Diminished greenhouse warming from Archean methane due to solar absorption lines. Climate of the Past, 2015, 11, 559-570.	3.4	12
17	Radiative forcings for 28 potential Archean greenhouse gases. Climate of the Past, 2014, 10, 1779-1801.	3.4	25
18	Radiative forcing at high concentrations of wellâ€mixed greenhouse gases. Geophysical Research Letters, 2014, 41, 152-160.	4.0	65