Robert J Andres

List of Publications by Year
in descending order

18 papers	4,587 citations	567247 15 h-index	839512 18 g-index
22 all docs	22 docs citations	22 times ranked	6638 citing authors

#	Article	IF	Citations
1	Reduced carbon emission estimates from fossil fuel combustion and cement production in China. Nature, 2015, 524, 335-338.	27.8	1,185
2	Historical (1750â€“2014) anthropogenic emissions of reactive gases and aerosols from the Community Emissions Data System (CEDS). Geoscientific Model Development, 2018, 11, 369-408.	3.6	1,058
3	Global Carbon Budget 2015. Earth System Science Data, 2015, 7, 349-396.	9.9	616
4	China: Emissions pattern of the world leader in CO₂ emissions from fossil fuel consumption and cement production. Geophysical Research Letters, 2008, 35, .	4.0	385
5	The Open-source Data Inventory for Anthropogenic CO₂, version 2016 (ODIAC2016): a global monthly fossil fuel CO₂ gridded emissions data product for tracer transport simulations and surface flux inversions. Earth System Science Data, 2018, 10, 87-107.	9.9	360
6	A 1Â° Ã— 1Â° distribution of carbon dioxide emissions from fossil fuel consumption and cement manufacture, 1950-1990. Global Biogeochemical Cycles, 1996, 10, 419-429.	4.9	291
7	Improving the temporal and spatial distribution of CO₂ emissions from global fossil fuel emission data sets. Journal of Geophysical Research D: Atmospheres, 2013, 118, 917-933.	3.3	122
8	A new evaluation of the uncertainty associated with CDIAC estimates of fossil fuel carbon dioxide emission. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 23616.	1.6	101
9	Determination of the isotopic(13C/12C) discrimination by terrestrial biology from a global network of observations. Global Biogeochemical Cycles, 1998, 12, 555-562.	4.9	96
10	Atmospheric verification of anthropogenic CO2 emission trends. Nature Climate Change, 2013, 3, 520-524.	18.8	84
11	Gridded uncertainty in fossil fuel carbon dioxide emission maps, a CDIAC example. Atmospheric Chemistry and Physics, 2016, 16, 14979-14995.	4.9	55
12	Carbon Dioxide Emissions from Fossil Fuel Consumption and Cement Manufacture, 1751â€“1991, and an Estimate of Their Isotopic Composition and Latitudinal Distribution. , 2000, , 53-62.		50
13	Uncertainty in gridded <scp>CO₂</scp> emissions estimates. Earth's Future, 2016, 4, 225-239.	6.3	48
14	Influence of differences in current GOSATX_{CO}₂retrievals on surface flux estimation. Geophysical Research Letters, 2014, 41, 2598-2605.	4.0	45
15	Research needs for finely resolved fossil carbon emissions. Eos, 2007, 88, 542-543.	0.1	19
16	Anthropogenic emission of mercury to the atmosphere in the northeast United States. Geophysical Research Letters, 2001, 28, 1231-1234.	4.0	17
17	Reply to 'Anthropogenic CO2 emissions'. Nature Climate Change, 2013, 3, 604-604.	18.8	13
18	Monthly estimates of carbon dioxide emissions from fossil-fuel consumption in Brazil during the late 1990s and early 2000s. Area, 2006, 38, 445-452.	1.6	7