

Ranking, as of Sept. 1, 2022, based on impact of research papers through citations, among all 10 million scientists in all fields worldwide who published papers from 1788 to 2021, of only those scientists whose primary field is “Meteorology & Atmospheric Sciences” (left) and “Energy” (right), and the year of first publication. Thus, for example, Trenberth, with his first publication in 1975, is ranked 314th out of 10 million and 1st among Meteorology & Atmospheric Scientists.

Jacobson is ranked #1 in Meteorology & Atmospheric Sciences among those with their first publication past 1985 and #12 among those with their first publication in any year. He is ranked #6 in Energy among those with their first publication past 1980 and #16 among those with their first publication in any year.

Meteorology & Atmospheric Sciences				Energy			
Rank in this field since 1788 & name	Year of 1 st pub	Rank among all fields since 1788	Rank in this field with 1 st pub after 1985	Rank in this field since 1788 & name	Year of 1 st pub	Rank among all fields since 1788	Rank in this field with 1 st pub after 1980
1. Trenberth, Kevin	1975	314	--	1. Demirbas, Ayhan	1991	132	1
2. Crutzen Paul	1970	491	--	2. Tarascon, Jean M.	1978	207	--
3. Emmanuel, Kerry	1979	560	--	3. Aurbach, Doron	1979	398	--
4. Andreae, Meinrat	1974	754	--	4. Maier, Joachim	1972	423	--
5. Baldocchi, Dennis	1981	823	--	5. Dincer, Ibrahim	1991	572	2
6. Jones, Phil	1979	987	--	6. Martin, Charles	1980	622	--
7. Broecker, Wallace	1954	1,069	--	7. Dahn, J.R.	1979	762	--
8. Giorgi, Filippo	1985	1,600	--	8. Armand, Michel	1972	1,008	--
9. Seinfeld, John	1968	1,657	--	9. Bruce, Peter	1980	1,027	--
10. Meehl, Gerald	1979	1,661	--	10. Scrosati, Bruno	1972	1,031	--
11. Peltier, Richard	1970	1,806	--	11. Law, Chung	1971	1,349	--
12. Jacobson, Mark Z.	1990	1,843	1	12. Xu, Kang	1993	1,534	3
				13. Koper, Marc	1990	1,554	4
				14. Kalogirou, S.	1992	1,627	5
				15. Whittingham, S.	1965	1,777	--
				16. Jacobson, Mark Z.	1990	1,843	6

Source: Ioannidis, John P.A. (2022), “September 2022 data-update for "Updated science-wide author databases of standardized citation indicators"”, Mendeley Data, V4, doi:

10.17632/btchxktzyw.4, <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4>