

Ranking, as of Sept. 1, 2022, based on impact of research papers through citations, among all scientists (10 million in all fields with papers published 1788-2021), 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		
Name	Year 1 st pub	Rank	Name	Year 1 st pub	Rank
1. Trenberth, Kevin	1975	314	1. Demirbas, Ayhan	1991	132
2. Crutzen Paul (Nobel Prize)	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
6. Jones, Phil	1979	987	6. Martin, Charles	1980	622
7. Broecker, Wallace	1954	1,069	7. Dahn, J.R.	1979	762
8. Giorgi, Filipo	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	12. Xu, Kang	1993	1,534
			13. Koper, Marc	1990	1,554
			14. Kalogirou, S.	1992	1,627
			15. Whittingham, S.	1965	1,777
			16. Jacobson, Mark Z.	1990	1,843

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>