

**SCIENTIST RANKINGS IN MICROBIOLOGY
BASED ON TOTAL CITATIONS**

Data from Thomson Scientific's Essential Science Indicators, January 1, 1997-October 31, 2007

Rank	Scientist	Papers	Citations	Citations Per Paper
1	<u>FRASER, Claire M.</u> Institute of Genome Sciences, University of Maryland, Baltimore, MD, USA	66	10,231	155.02
2	<u>WHITE, Owen</u> J. Craig Venter Institute, Rockville, MD, USA and La Jolla, CA, USA	30	8,907	296.90
3	<u>VENTER, J. Craig</u> J. Craig Venter Institute, Rockville, MD, USA and La Jolla, CA, USA	18	7,600	422.22
4	<u>SODROSKI, Joseph G.</u> Harvard University and Dana-Farber Cancer Institute, Boston, MA, USA	103	6,841	66.42
5	<u>PARKHILL, Julian</u> Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, England	54	6,379	118.13
6	<u>AMANN, Rudolf</u> Max Planck Institute of Marine Microbiology, Bremen, Germany	108	6,329	58.60
7	<u>BARRELL, Barclay G.</u> Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, England	23	6,274	272.78
8	<u>QUAIL, Michael A.</u> Wellcome Trust Sanger Institute, Wellcome Trust	32	6,242	195.06

	Genome Campus, Hinxton, Cambridge, England			
9	SMITH, Hamilton O. J. Craig Venter Institute, Rockville, MD, USA and La Jolla, CA, USA	15	6,067	404.47
10	RAJANDREAM, Marie-Adele Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, England	20	5,661	283.05

The data above were extracted from Thomson Scientific's Essential Science Indicators database. This database, currently covering the period January 1997 to October 2007, surveys only journal articles (original research reports and review articles) indexed by Thomson Scientific. Articles are assigned to a category based on the journals in which they were published and Thomson Scientific's journal-to-category field definition scheme. Both articles tabulated and citation counts to those articles are for the period indicated. Naturally, scientists publishing large numbers of papers have a greater likelihood of collecting more citations than scientists publishing fewer papers. This ranking is by total citations. For articles with multiple authors, each author receives full, not fractional, citation credit. Another ranking could be based on citations per paper, which reveals weighted impact. Essential Science Indicators lists authors ranked in the top 1% for a field over a given period, based on total citations. For the current version, 2,358 authors are listed in the field of microbiology, meaning that a total of 235,800 author records were reviewed to obtain these results. Two institutions – the J. Craig Venter Institute and the Wellcome Trust Sanger Institute – account for seven of 10 names on the list, owing to many highly cited papers from these two organizations reporting complete genome sequences of various microorganisms. For more information on Thomson Scientific's Essential Science Indicators, see <http://scientific.thomson.com/products/esi>.