

**NATIONAL RANKINGS IN NEUROSCIENCE AND BEHAVIOR
1998-2008
BASED ON CITATIONS PER PAPER
AMONG NATIONS WITH 10,000 OR MORE CITATIONS**

Rank	Nation	Papers	Citations	Citations Per Paper
1	United States	116,236	2,546,126	21.90
2	England	22,698	493,246	21.73
3	Switzerland	6,205	122,683	19.77
4	Scotland	3,033	55,833	18.41
5	Canada	17,456	314,550	18.02
6	Sweden	7,091	127,091	17.92
7	Germany	26,379	467,220	17.71
8	Norway	1,671	29,285	17.53
9	Austria	2,742	47,294	17.25
10	Wales	1,092	18,553	16.99
11	Belgium	3,400	57,356	16.87
12	Israel	4,003	67,191	16.79
13	France	16,133	269,663	16.71
14	Denmark	2,740	44,420	16.21
15	Finland	3,154	50,876	16.13
16	The Netherlands	8,469	132,033	15.59
17	Ireland	944	14,265	15.11
18	Australia	6,966	102,136	14.66
19	Hungary	2,334	31,585	13.53
20	Italy	16,686	221,945	13.30

The data above were extracted from Thomson Scientific's Essential Science Indicators database. This database, currently covering the period January 1998 to February 2008, 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. Here our ranking in neuroscience and behavior is by citations per paper -- among nations that collected 10,000 or more citations -- to reveal weighted impact. For articles with multiple authors from different nations, each nation receives full, not fractional, citation credit. Essential Science Indicators lists nations ranked in the top 50% for a field over a given period, based on total citations. In neurosciences and behavior, 80 nations are listed, meaning 160 were surveyed. Thirty-three nations earned at least 10,000 citations. In this analysis, the United States, England, Switzerland, Scotland, and Canada take the top five ranks, in that order. Notable are several nations whose relatively small output nonetheless earned them a high per paper impact: Norway, Wales, Ireland, and Hungary. For more information on Thomson Scientific's Essential Science Indicators, see <http://scientific.thomson.com/products/esi>. Also see: <http://scientific.thomson.com>.