U.S. indexes of internationally coauthored S&E publications with other large-producing countries: 1996 and 2018

Note(s)
Article counts for computing the index refer to publications from a selection of journals and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of the author(s) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating region, country, or economy is credited with one count). Regions, countries, or economies that have contributed to less than 1% of all internationally coauthored articles in 2018 are omitted. The index of collaboration is calculated as follows: $IC_{xy} = \frac{C_{xy}}{C_y}/C_w$, where $IC_{xy}$ is the index of collaboration between country $x$ and country $y$, $C_{xy}$ is the number of papers coauthored between country $x$ and country $y$, $C_x$ is the total number of international coauthorships by country $x$, $C_y$ is the total number of international coauthorships by country $y$, and $C_w$ is the total number of international coauthorships in the database. For additional countries see Table S5a-34.

Source(s)

Science and Engineering Indicators