

Macro Roundup Article

Headline: [China Has Become a Scientific Superpower](#)

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Tweet: China has surpassed the US as the leading source of scientific papers published in prestigious international journals. Next year Chinese universities are expected to produce nearly 2x as many science and technology PhDs as the US.

Summary: [China] tops the Nature Index, created by the publisher of the same name, which counts the contributions to articles that appear in a set of prestigious journals. To be selected for publication, papers must be approved by a panel of peer reviewers who assess the study's quality, novelty, and potential for impact. When the index was first launched, in 2014, China came second, but its contribution to eligible papers was less than a third of America's. By 2023 China had reached the top spot. According to the Leiden Ranking of the volume of scientific research output, there are now six Chinese universities or institutions in the world's top ten, and seven according to the Nature Index.

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