

Figure 24.7: Scientific publication trends in Japan, 2005–2014

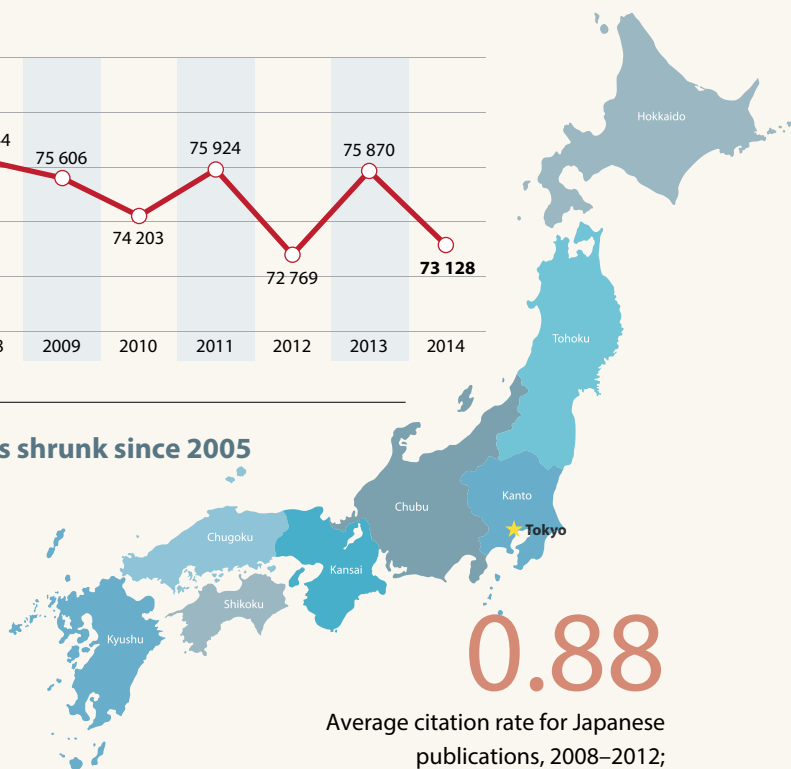
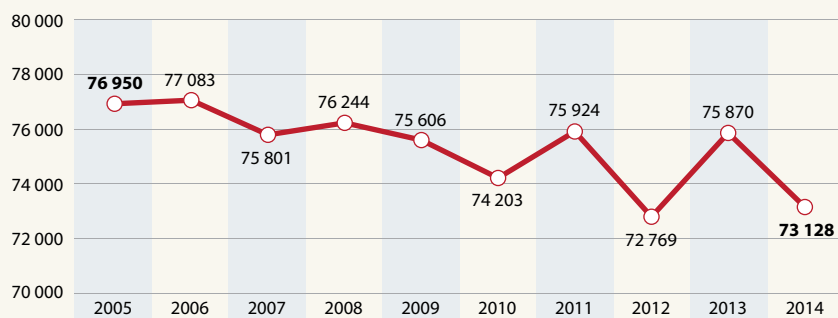
The number of Japanese publications has declined since 2005

606

Publications per million inhabitants in 2005

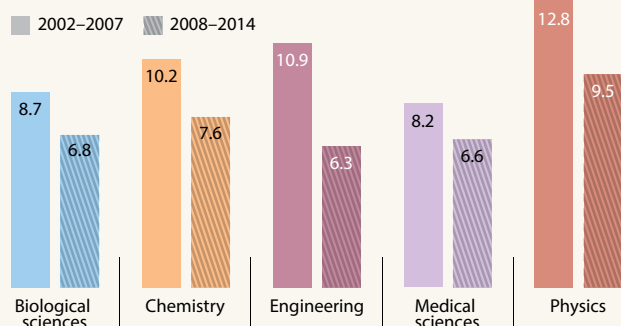
576

Publications per million inhabitants in 2014



Japan's world share of scientific publications has shrunk since 2005

World share of Japanese articles by field (%)

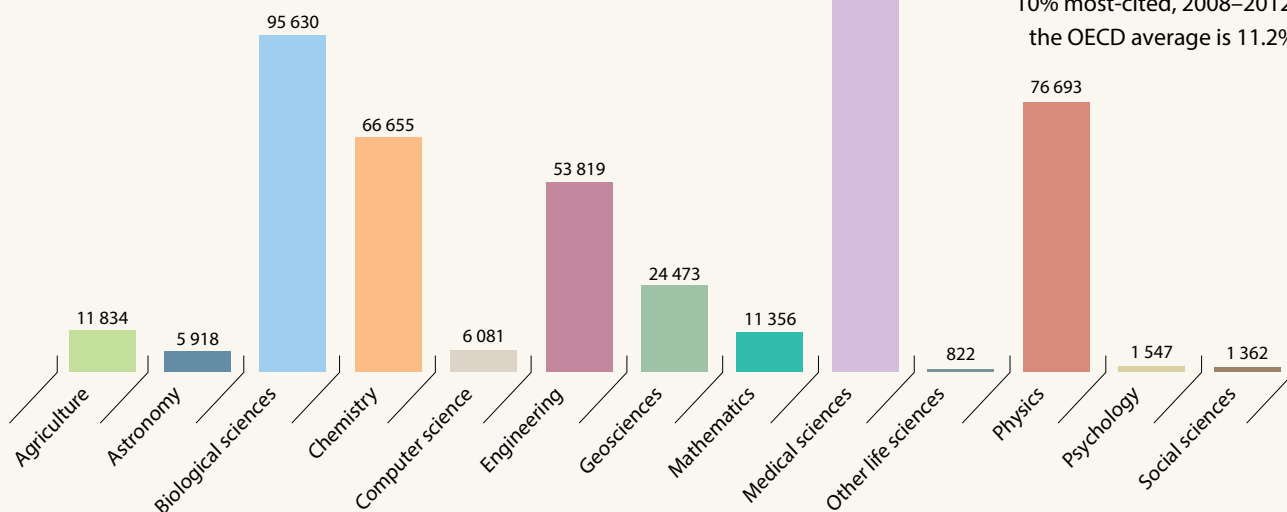


0.88

Average citation rate for Japanese publications, 2008–2012; the OECD average is 1.08

Japan publishes most in life sciences

Cumulative totals by field, 2008–2014



7.8%

Share of Japanese papers among 10% most-cited, 2008–2012; the OECD average is 11.2%

Note: Excludes 45 647 unclassified articles

27.1%

Japan's top partners are the USA and China

Main foreign partners, 2008–2014 (number of papers)

	1st collaborator	2nd collaborator	3rd collaborator	4th collaborator	5th collaborator
Japan	USA (50 506)	China (26 053)	Germany (15 943)	UK (14 796)	Korea, Rep. (12 108)

Share of Japanese papers with foreign co-authors, 2008–2014; the OECD average is 29.0%

Source: Thomson Reuters' Web of Science, Science Citation Index Expanded; data treatment by Science–Metrix, November 2014; for Japan's world share of publications: NISTEP (2009, 2014) *Indicators of Science and Technology*