



# Japan's contribution to global research

Benjamin Johnson PhD

Associate Publisher, BioMed Central





### Japan has long been at the forefront of scientific research



**Hideki Yukawa**Nobel Prize in Physics 1949



Shinya Yamanaka Nobel Prize in Physiology or Medicine 2012



Nobel Prize in Physiology or Medicine 2015





### Japan is a major producer of scientific articles across many disciplines



Indicators: Web of Science Documents. Schema:Web of Science.Location:JAPAN
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#### Japan is home to many top universities and institutes

#### JAPAN ANALYSIS

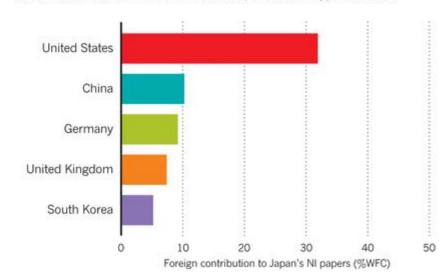
#### Top ten institutions

The University of Tokyo published nearly 60% more — on the Nature Index (NI) — than second place Kyoto University, based on WFC

RANK	INSTITUTION	WFC 2014	AC 2014
1	The University of Tokyo (UTokyo)	453.45	1,242.00
2	Kyoto University	286.13	714.00
3	Osaka University	218.62	553.00
4	Tohoku University	177.99	423.00
5	RIKEN	144.14	495.00
6	Tokyo Institute of Technology	127.21	329.00
7	Nagoya University	125.28	431.00
8	National Institute for Material Science (NIMS)	100.08	239.00
9	Hokkaido University (HU)	100.03	234.00
10	Kyushu University	98.30	274.00

#### Top five collaborators

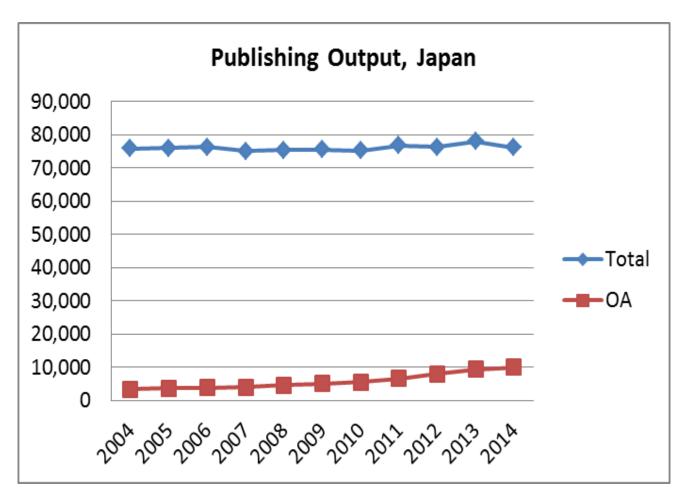
About 35% of Japan's NI publications include non-Japanese authors, and roughly a third of them come from the United States, but about 10% are Chinese.







## Japan is a major contributor to global research

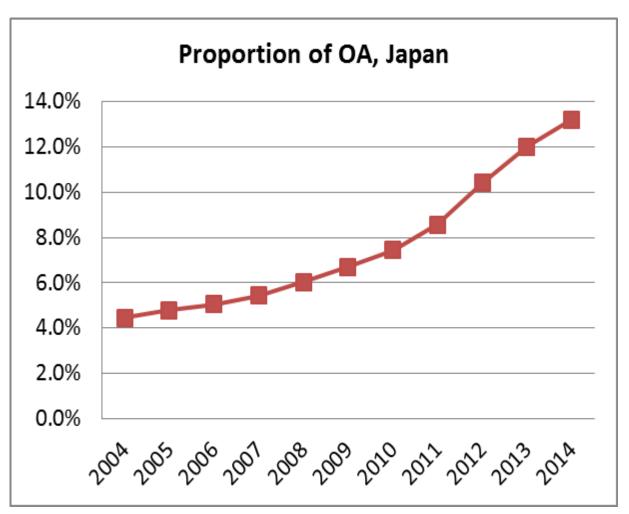


(Source: InCites, WoS articles published by at least one author from the selected country)





### Japan is a major producer of Open Access articles

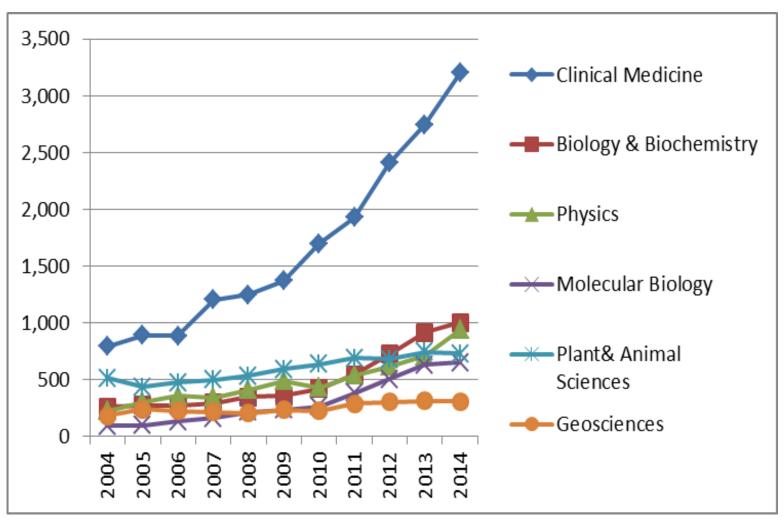


(Source: InCites, WoS articles published by at least one author from the selected country)





#### **Open Access in Japan is dominated by medicine and biology**

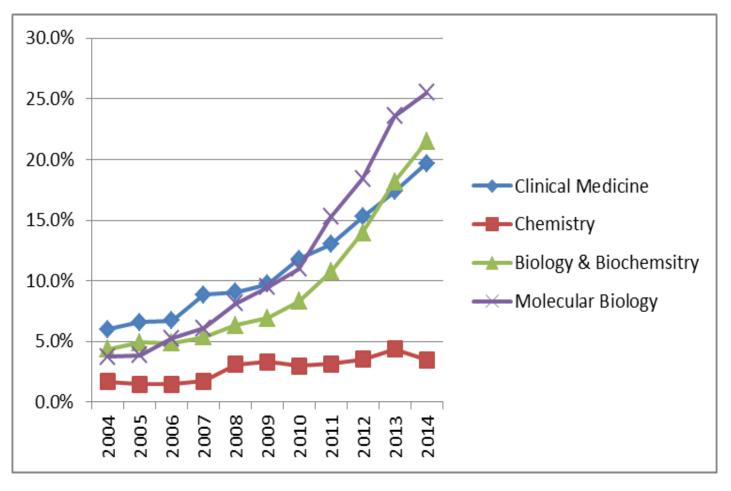


(Source: InCites, WoS articles published by at least one author from the selected country)





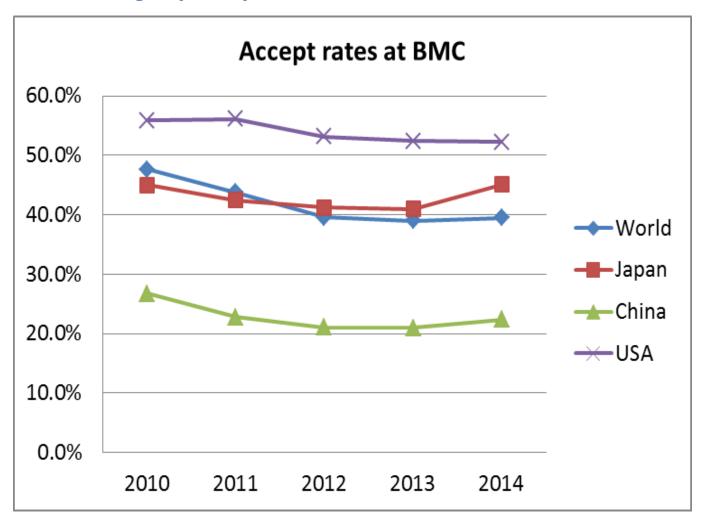
# **Communities adopt OA at different rates in Japan**





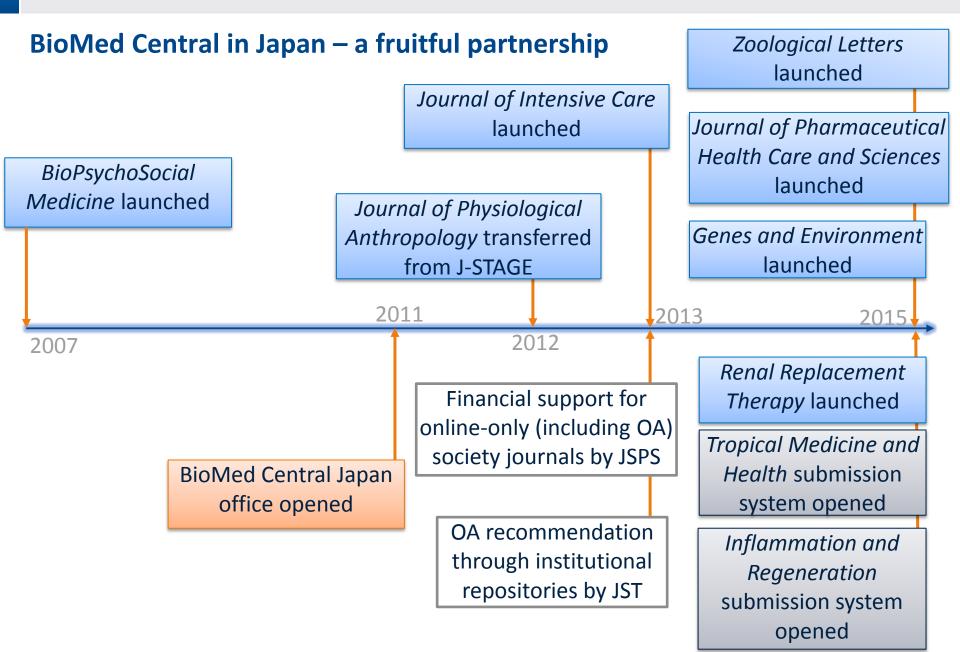


## Japan produces high quality research









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- Zoological Letters

#### パートナーシップ

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- 日本環境変異原学会
- 日本集中治療医学会
- 日本医療薬学会
- 日本生理人類学会
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