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Sridhar GUTAM

ICAR Indian Institute of Horticultural Research

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COAR ASIA OA MEETING 2021

TOWARDS OPEN SCIENCE IN INDIA: AN UPDATE

Sridhar Gutam

Convenor, Open Access India

UNESCO SCIENCE REPORT 2021

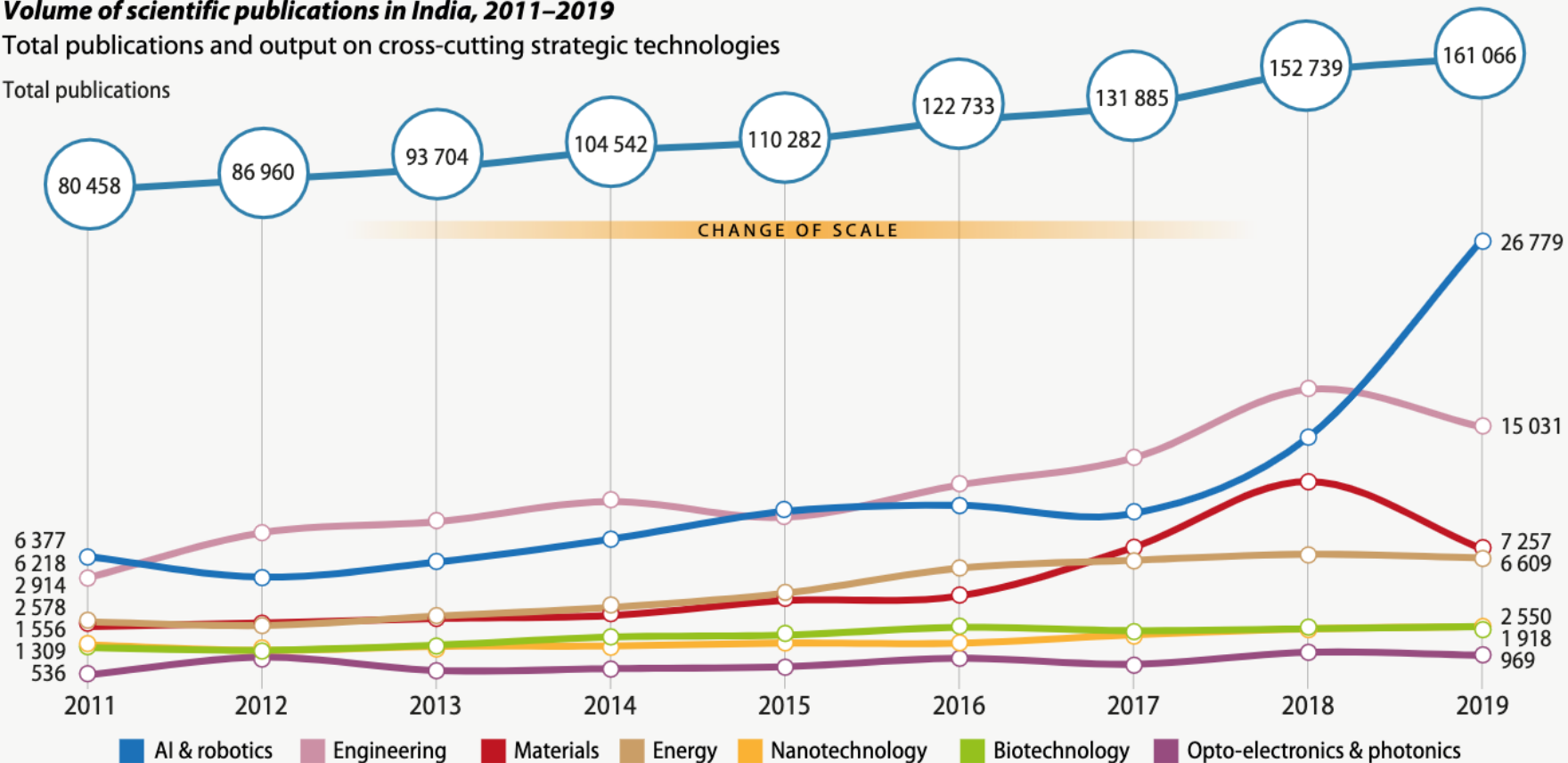


Figure 22.3: Trends in scientific publishing in India

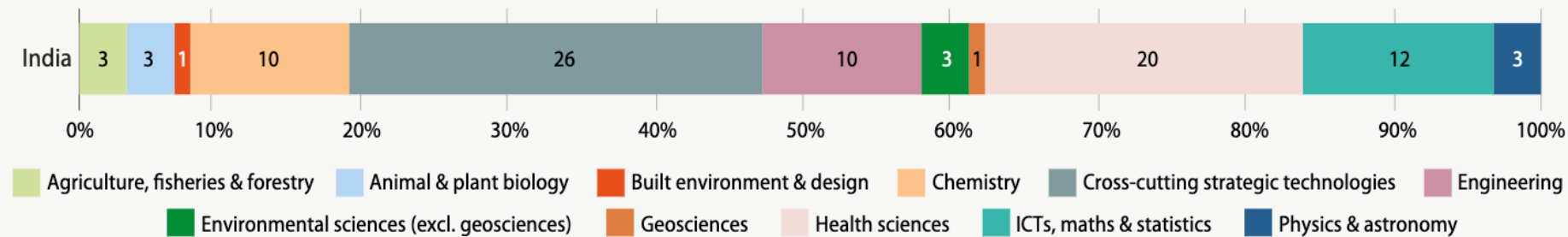
Volume of scientific publications in India, 2011–2019

Total publications and output on cross-cutting strategic technologies








Total publications



Scientific publications in India by broad field of science, 2017–2019 (%)

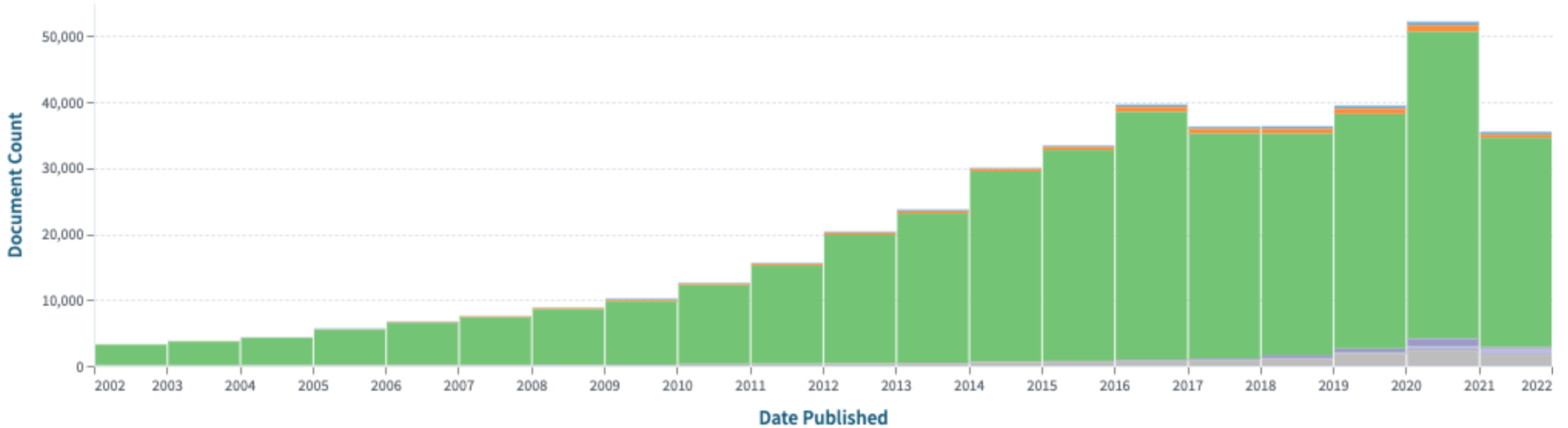


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4	 Germany	3515309	3151775	81454056	19404148	23.17	1429
5	 Japan	3074206	2895478	54130480	13573127	17.61	1118
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7	 India	2128896	1946730	22218913	7526767	10.44	691

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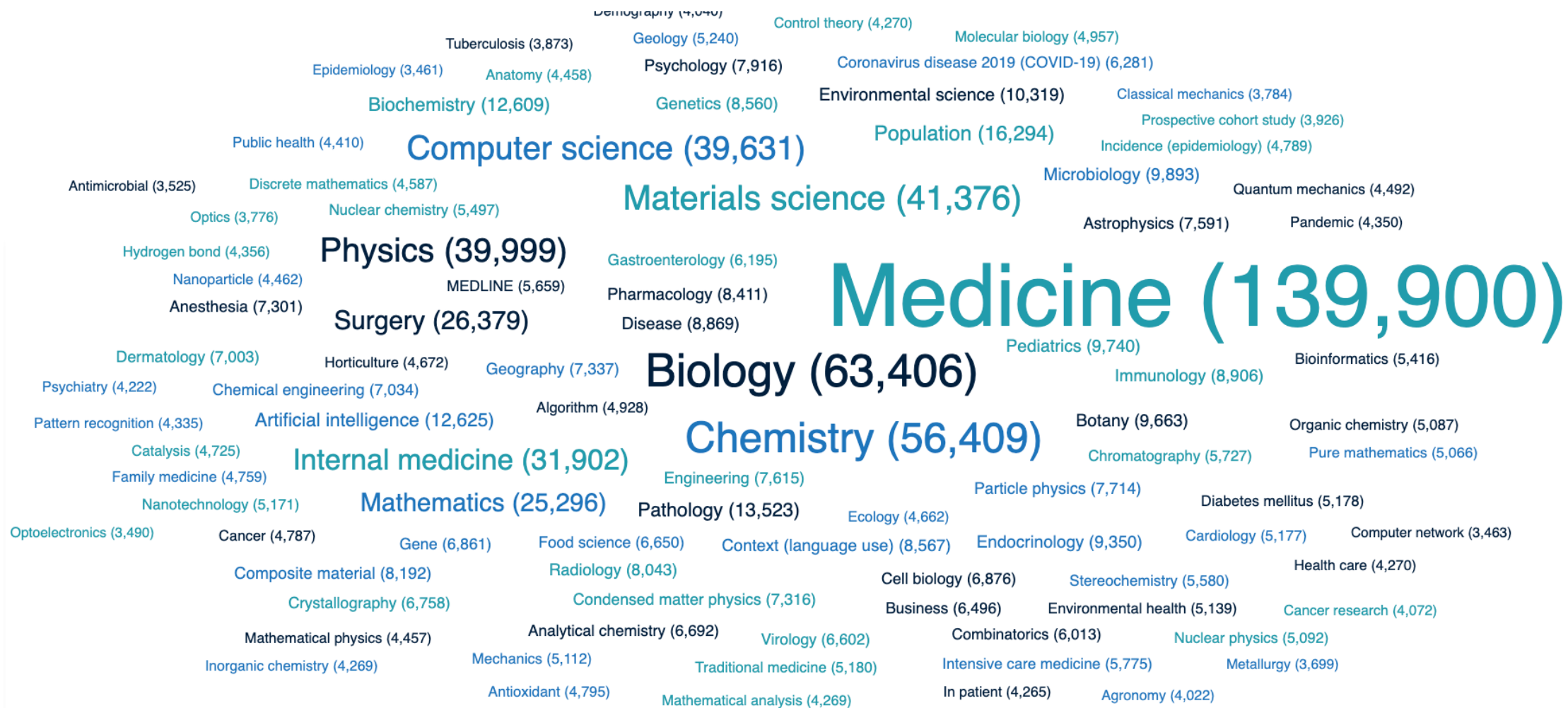
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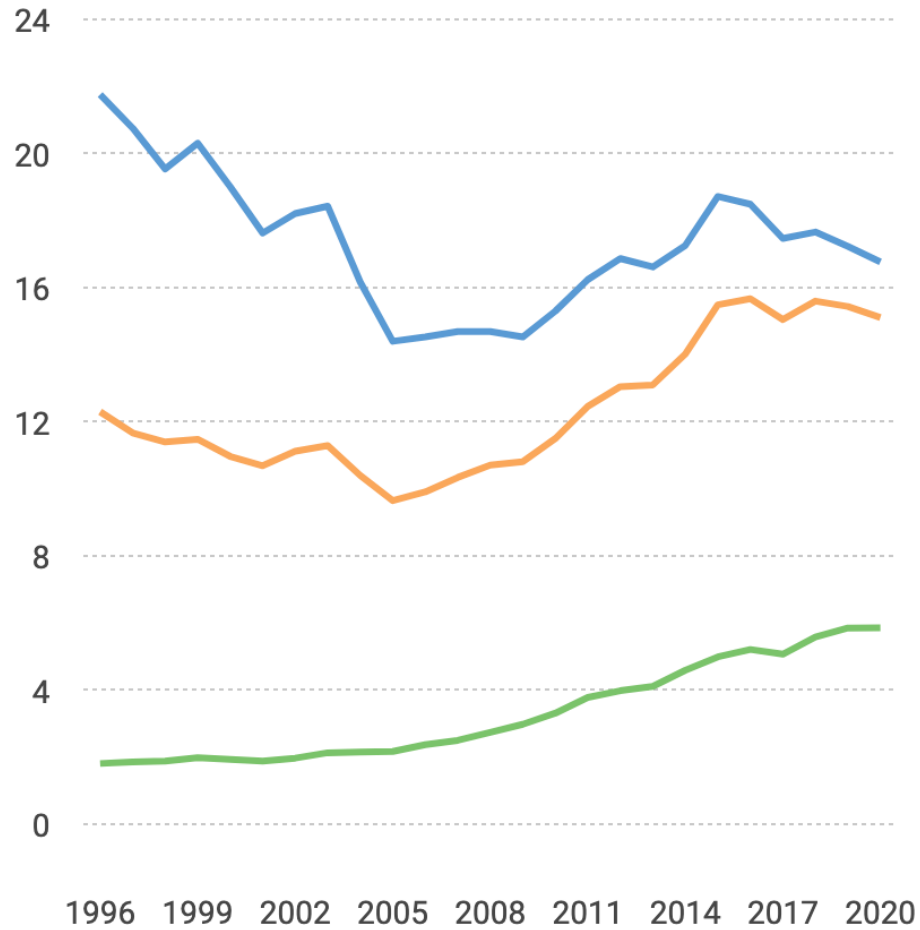
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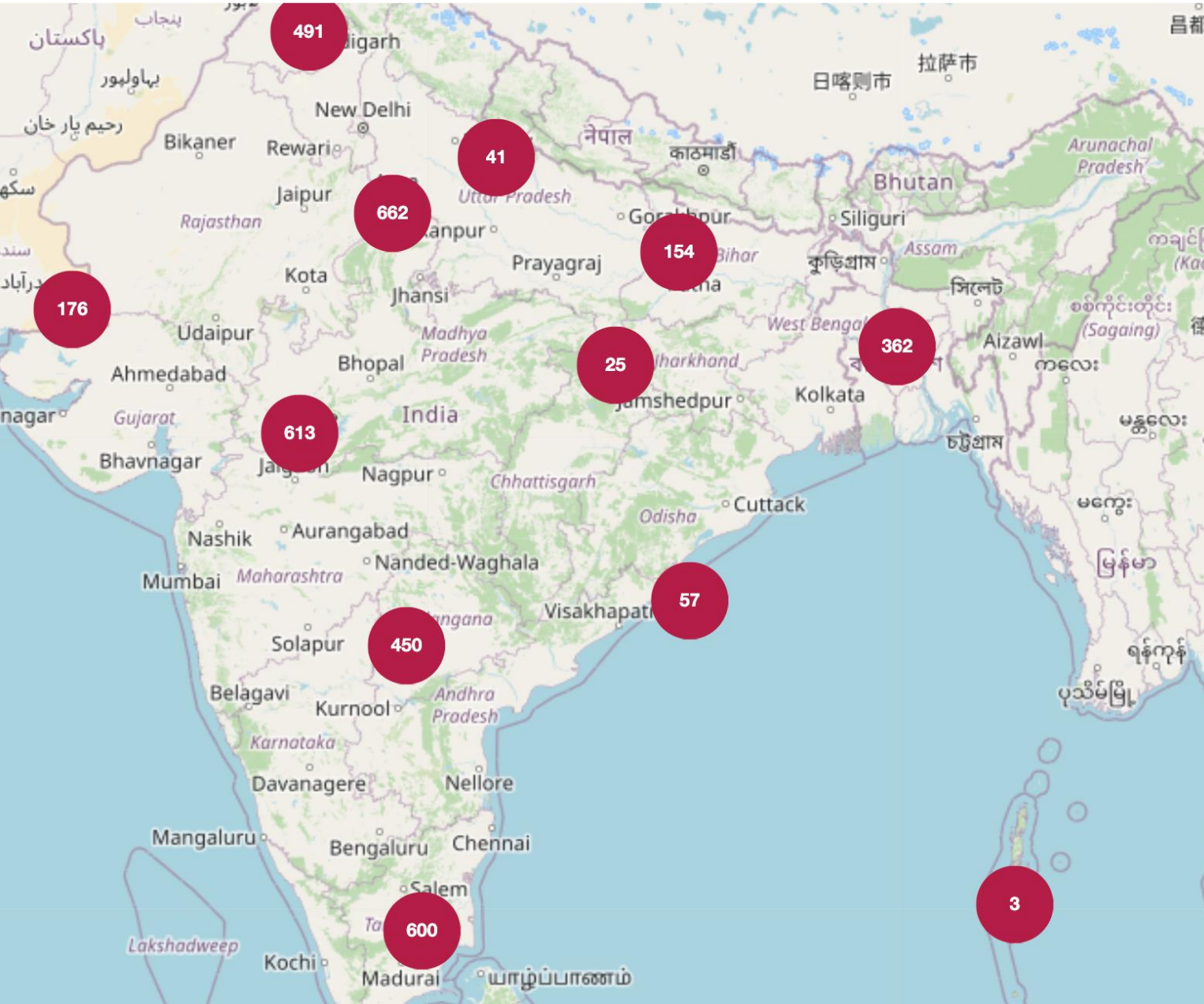
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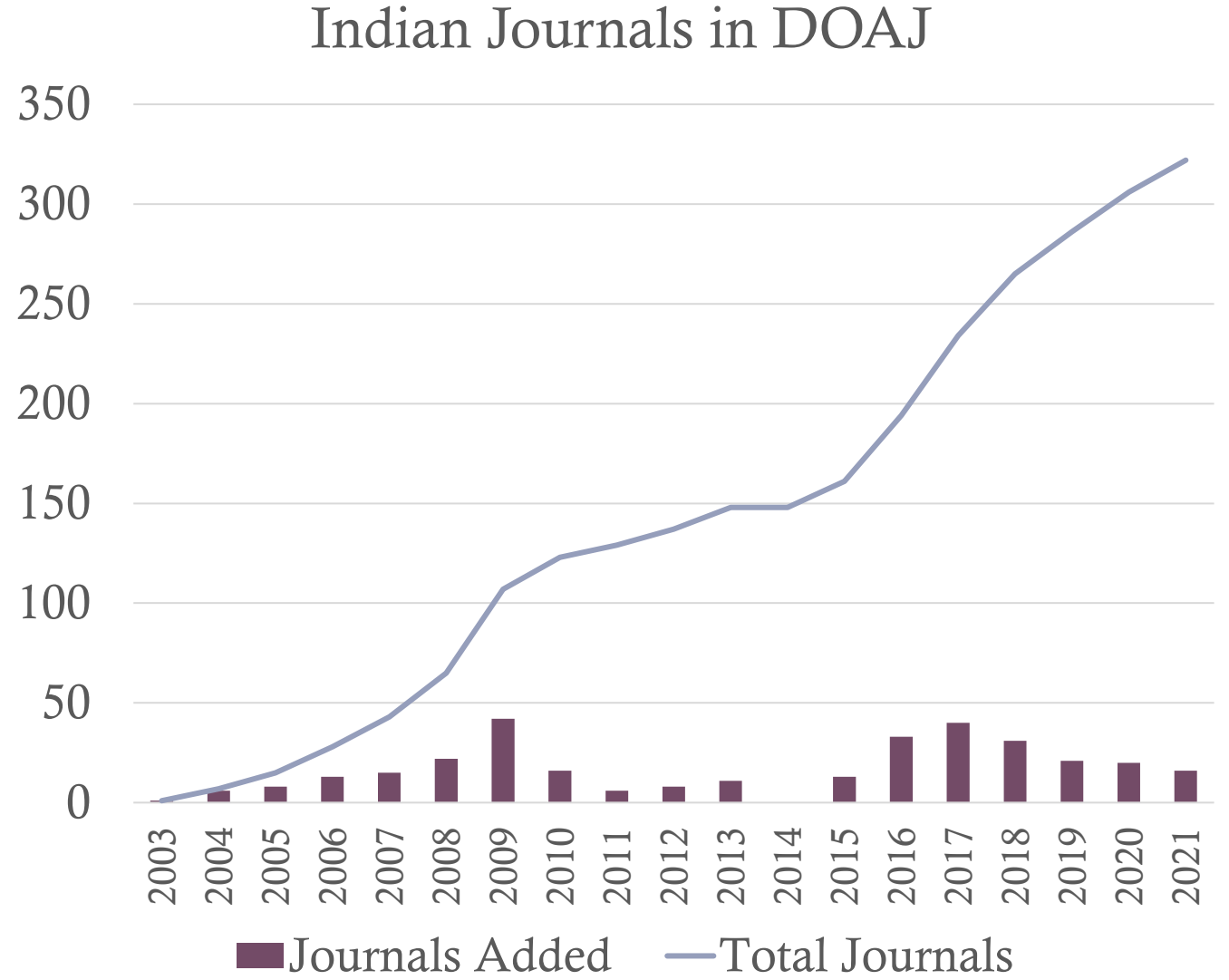


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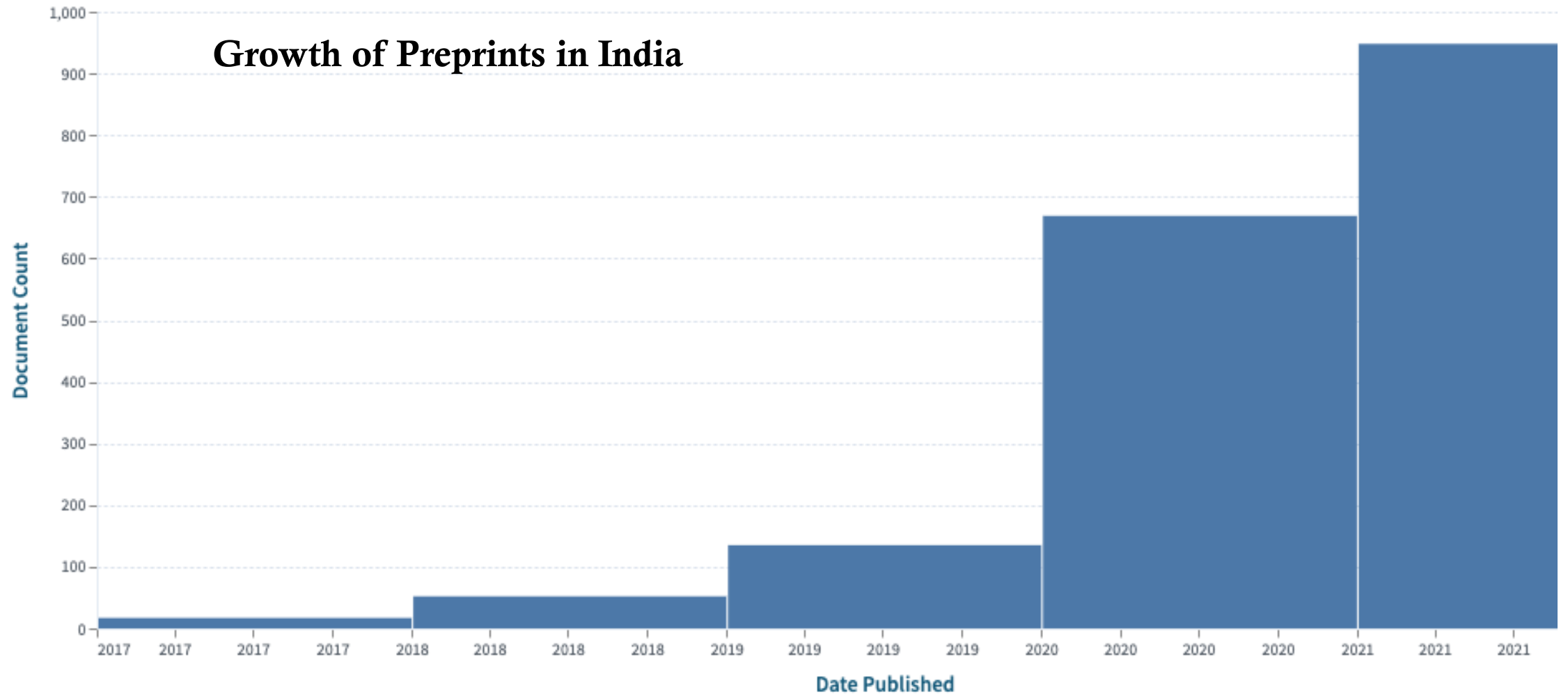
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SCIENCE, TECHNOLOGY, AND INNOVATION POLICY (STIP) 2020

- A future-looking, all-encompassing **Open Science Framework** will be built to provide access to scientific data, information, knowledge, and resources to everyone in the country and all who are engaging with the Indian STI ecosystem on an equal partnership basis. All data used in and generated from publicly-funded research will be available to everyone under FAIR (findable, accessible, interoperable and reusable) terms. A dedicated portal to provide access to the outputs of such publicly-funded research will be created through Indian Science and Technology Archive of Research (INDSTA). Additionally, full text of final accepted author versions of manuscripts (postprints and optionally preprints) supported through public funding will be deposited to an institutional or central repository...

SCIENCE, TECHNOLOGY, AND INNOVATION POLICY (STIP) 2020

- The policy will create pathways for the Government to negotiate with journal publishers for a “**one nation, one subscription**” policy whereby, in return for one centrally-negotiated payment, all individuals in India will have access to journal articles.



India's plan to pay journal subscription fees for all its citizen may end up making science harder to access

November 3, 2020 2.32pm AEDT

India's plan indicates that commercial publishers are winning over the application of the open access system to make scholarly literature available for everyone. Dasapta Erwin Irawan, Author

Credit: Dasapta Erwin Irawan/theconversation.com

SCI-HUB

- In December 2020, Elsevier, Wiley and the American Chemical Society filed a copyright infringement lawsuit against Sci-Hub and Library Genesis in the Delhi High Court.
-

What do Indian Researchers Download from Sci-Hub

- Access to research papers by the Indian research community.
- “Indian researchers used Sci-Hub to download 397,691 research papers published by Indian authors”.
- As evidence to support to the draft STIP 2020 recommendation: “Providing free access to research papers to citizens of India”

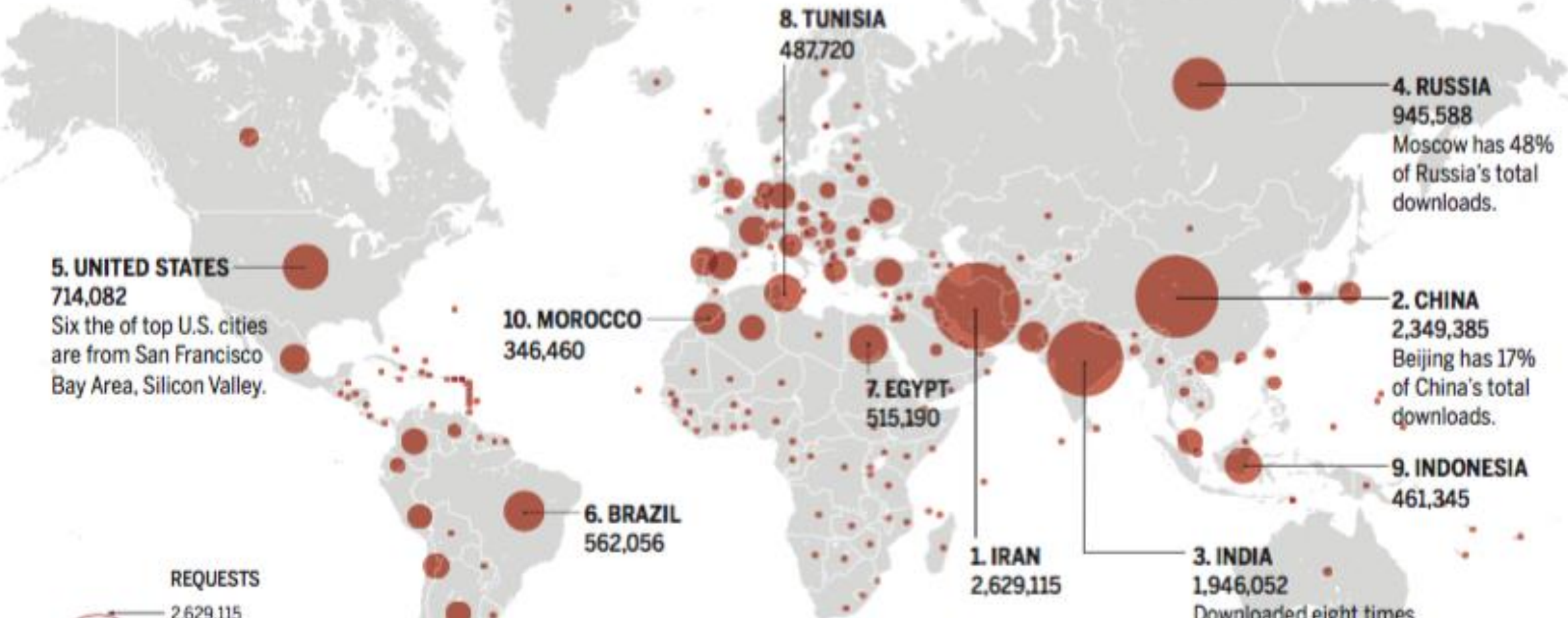
Journal of Scientometric Research, 2021,10,2,259-264.

DOI:[10.5530/jscires.10.2.40](https://doi.org/10.5530/jscires.10.2.40)

Source: <https://www.washingtonpost.com/> & <https://www.nature.com/articles/nature.2016.19841>

IT'S A SCI-HUB WORLD

Server log data for the website Sci-Hub from September 2015 through February paint a revealing portrait of its users and their diverse interests. Sci-Hub had 28 million download requests, from all regions of the world and covering most scientific disciplines. An interactive version of this map is available at bit.ly/Sci-Hub.





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Journal of Scientometric Research,
2021,10,2,259-264.

DOI: [10.5530/jscires.10.2.40](https://doi.org/10.5530/jscires.10.2.40)

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Sankar, V; Singh, P; (...); Das, A
Sep 2021 | INDIAN JOURNAL OF ANIMAL SCIENCES 91 (9) , pp.733-737 23 References

This experiment was conducted to study the effect of supplementation of urea mineral molasses block (UM MB) containing variable levels of urea and bentonite on nutrient utilization and economics of feeding of crossbred calves. Twenty four male crossbred calves were divided into four equal groups following completely randomized design and fe ... [Show more](#)



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 - We earnestly hope that the Ministry of Education, Govt. of India will include Parameters '**Open Access**' & '**Open Science**' in the next NIRF ranking under 'Research and Professional Practice (RP)'.
 - Also add **DOAJ** into the Source
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Thank you

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gutam2000@gmail.com | sridhar@openaccessindia.org