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Open science Bangladesh: An update

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Open Science Bangladesh: An Update

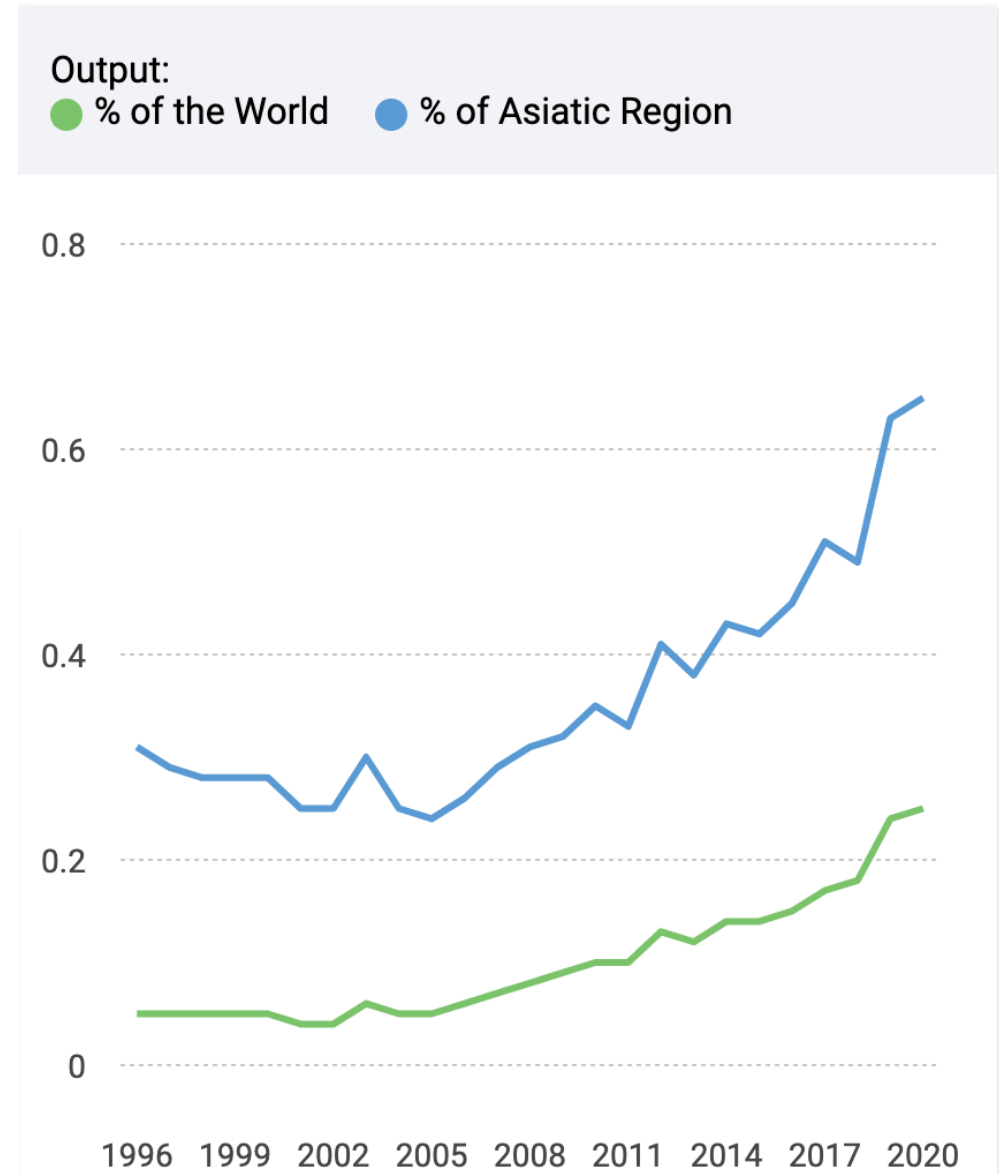
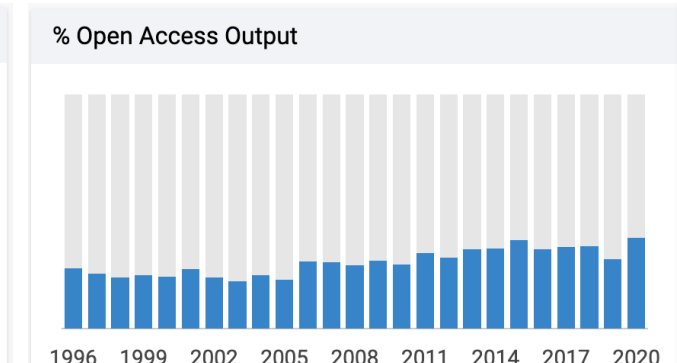
Dr. Susmita Das

Principal Documentation Officer, BARC

Vice President COK Bangladesh

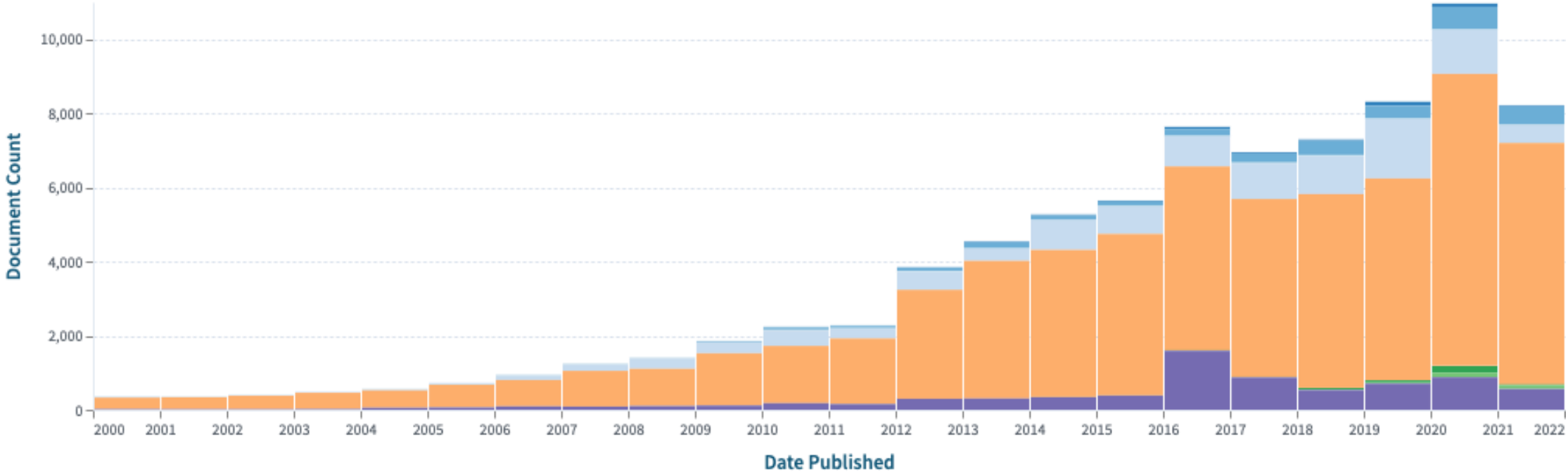
SJR Bangladesh

- 60th Rank
- 67226 Publications
- H-index 225



<https://www.scimagojr.com/countrysearch.php?country=BD>

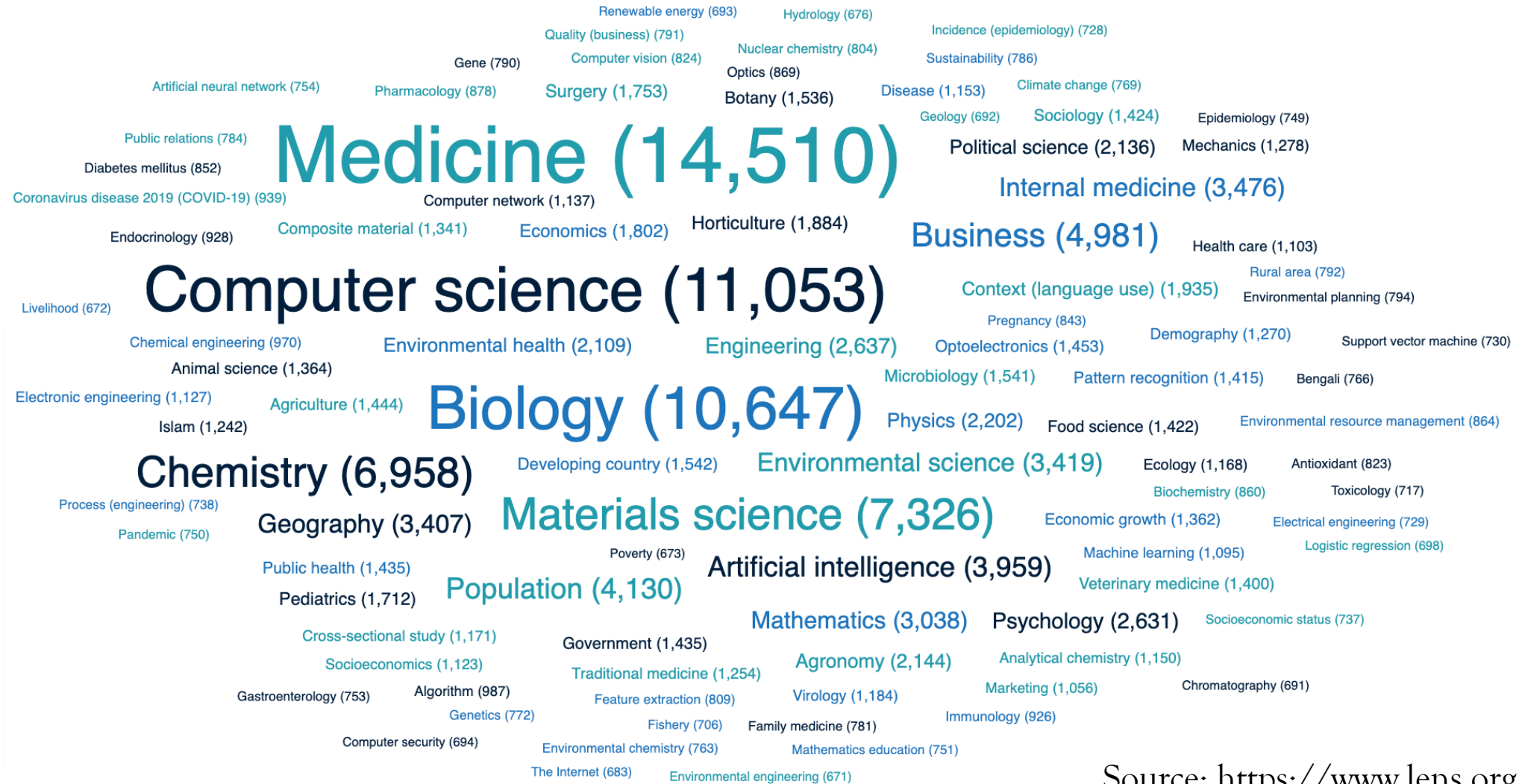
Publications Growth - Bangladesh



- Document Type**
- Book
 - Book Chapter
 - Conference Proceedings
 - Conference Proceedings Article
 - Dissertation
 - Editorial
 - Journal Article
 - Journal Issue
 - Other
 - Preprint
 - Report
 - Review
 - Unknown

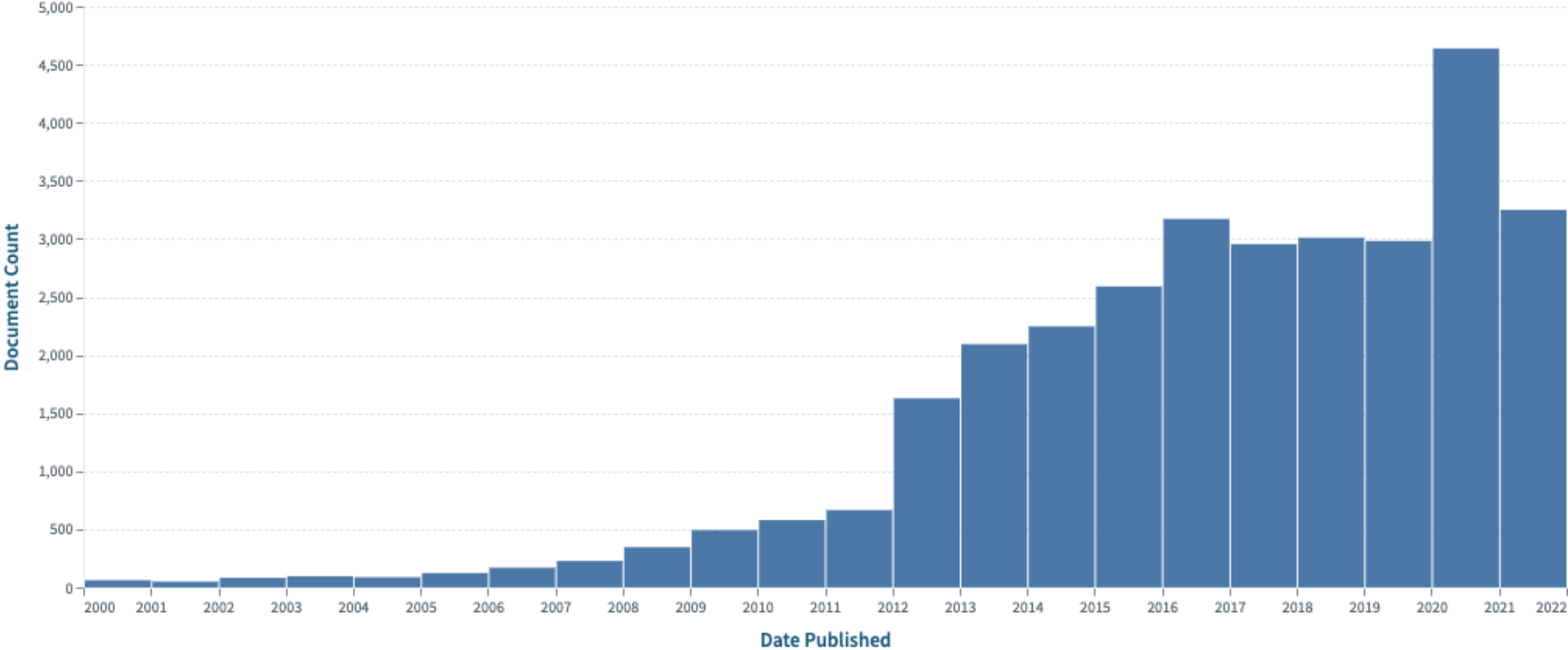
Source: <https://www.lens.org/lens/>

Publications (Subject Matter) - Bangladesh



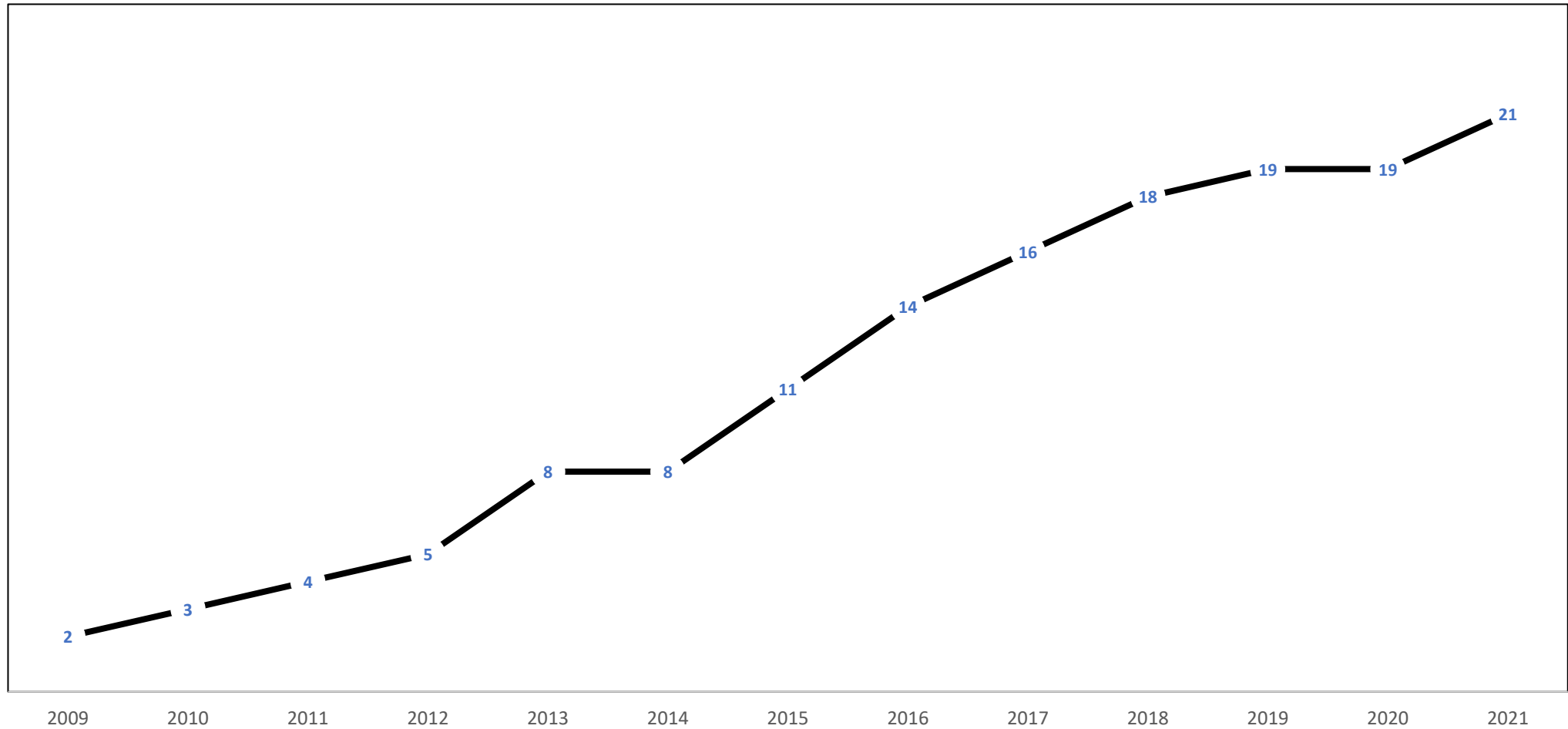
Source: <https://www.lens.org/lens/>

Open Access Publications from Bangladesh



Source: <https://www.lens.org/lens/>

Total Number of Journals indexed in DOAJ from Bangladesh



Source: <https://doaj.org/>

Bangladesh
Journals Online
(BanglaJOL)



Established by INASP in 2007

Managed by Bangladesh
Academy of Sciences

154 journals

21,628 articles available in full
text (PDF)

Source: <https://www.banglajol.info/>

Fourth Industrial Revolution and its implications on Bangladesh

- ***Dhaka on 12 March 2019***
- As the country is heavily dependent on imported technologies, proper planning is required for its effective transfer through acquisition, assimilation and adoption.
- Promoting international cooperation to facilitate more investment and collaboration with other countries by using many forums that the UN organizes for technology transfer and sharing of S & T innovations.

National Science and Technology Policy 2011

- Scientific & technological libraries should be expanded geographically to bring all cross section of people under their coverage. (virtual library, expansion of scientific documentation centres)
- Scientific academies, associations and societies should be given adequate support so as to enable them to play their due role in society more effectively and to popularize science and technology.
- Bangladesh National Scientific and Technical Documentation Centre (BANSDOC) will be developed as the central documentation centre and also the national focal point of regional and international scientific and technological information centers



NATIONAL SCIENCE AND TECHNOLOGY POLICY-2011

**GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
MINISTRY OF SCIENCE AND TECHNOLOGY**

<https://most.portal.gov.bd/>

Four Pillars

- Digital Government
- Human Resource Development
- IT Industry Promotion
- Connecting Citizens



-
- e-Governance
 - Innovation Lab
 - Innovation Culture
 - Data2Policy
 - South-South



UNESCO Open Science Recommendations

Comments and Observation

A regional monitoring body may be required for controlling data manipulation or any misuses of research outputs (e.g. use of biological or chemical weapons).

Ease of communication and access without cost will be helpful for the spread of Open Science

Training or internship of young scientists and science or research enthusiasts from marginalized groups could be reinforced via Open Science platform

Reinforcing the developing Nations specifically Bangladesh to commence effective, efficient and sustainable collaboration between its Universities, Industries and Scientific Institutes.

Along with the monitoring of research progress of various Nations, the Open Science platform could also monitor syllabi of universities offering scientific courses, so as to meet a standardized level of education, equalizing scientific knowledge.

Open Science Advisory Committee may include scientific personnel from developing countries

Thank you

