

A blurred background image showing the spines of several books in a library or bookstore, with colors ranging from light beige to dark red.

- + • **ACADEMIC LIBRARIES FUTURE**
- **ROLE IN OPEN ACCESS ERA**

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What we mean by Libraries ?

Library as a Collection (of resources).

Library as a Building or Space.

Library as Function, that is the organization of Information.

Library as a Service, a supporting role in the context of the organization.

Academic Libraries:



Academic libraries role (traditionally) to avail/maintain 'publications' (physical or digital) and make them discoverable.

Academic libraries need to be more creative and innovative to meet the dynamic needs for academic excellence in teaching, learning and research.

To be the information gateways in the digital age.

Academic Library approaches to align⁺ with their parent institution:

Service-provider – delivering key services and support activities required by users in line with institutional requirements.

- Partner – working alongside users and other professional services organizations.

- Leader –

innovating in new areas.

contributing to overall institutional strategy.

Identifying the trends for academic libraries (nexus of different trends)

- Datafied scholarship- large datasets and digital artefacts, involving open, networked, algorithmically-driven systems.
- Connected learning - technology-enabled flexible learning.
- Service-oriented libraries - shifting from collections to services

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Datafied scholarship

- This is a combination of various trends, including:
 - Open access (OA).
 - Open science.
 - TDM (Text and Data Mining).
 - Artificial intelligence and machine learning.
 - The internet of things.
 - Digital humanities and academic social networking services.



Academic libraries have already become involved in some aspects of this new environment:

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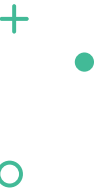
In promoting OA

Setting up publishing services

Developing research data management policies

Running repositories

Scimago Journals Ranking List: Open Access Journals growth.



Year	Total No.	OA No.	%
1999	17484	1119	6.4
2009	29883	3082	10.31
2019	30883	6294	20.38