

# Functions of Scholarly Journals



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LIBR 559L: Issues in Scholarly Communications and Publishing

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# Introduction

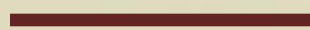
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- Registration
- Dissemination
- Peer review
- Archival record



*Authors / readers*

- Navigation



*Authors only*

# Registration

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- **Establishing the author's precedence**
  - Birth of Henry Oldenburg's *Philosophical Transactions of the Royal Society of London*
- **Not all articles are Accepted for publication**
- **Institutional repository accepts all!**

# Dissemination

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- **Sharing**
  - Access for further studies
- **Funded research**
  - Foundations
  - Industries
  - Government
- **Digital technology**
  - Institutional, disciplinary repositories
  - Open Access Journals

# Peer review

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- **Quality control and certification**
- **History of peer review**
  - Book review - 377 BCE, 931 CE
  - Journals - Royal Society of Edinburgh, 1731
- **Technology impact on peer review**
  - Xerox, PC – email, Journal Management system

# Archival record

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- **System of record keeping**
  - author, title, journal, date etc
- **Keeping fixed version of articles**
  - Paper / Digital
- **Citation**
  - Author, A. A. (year). Title of article. *Title of Journal*, Volume#(Issue #), pages. DOI (if available)

# Navigation

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- **Statistics of journals/articles – growth**
  - From 1800, and increase of 3.5% / 3.0%
  - Total number of scholarly journals is 23,000
  - Total number of scholarly articles annually is 1.5 million
- **Service to authors: Filters and signposts**
  - prestigious journals (commercial publishers)
- **Author's right:**
  - copyright & license to publish

# Trends in Scholarly Journals

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- **Advances in digital technology**
  - Users - digital natives/ digital immigrants
  - Libraries
  - Articles/Journals
- **Acquisition of journals**
  - Serials crisis
- **Libraries**
  - 70% of budget spent on scholarly journals
  - Open access movement



# Open Access Journals

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- Registration
- Dissemination
- Peer review
- Archival record



- Navigation



# Conclusion

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- **Marketing**
  - Who?
  - How?
- **Information/Education**
  - Cost of access
  - Author's rights
  - Using the open source journal management and publishing systems

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## Text

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## Images

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