



THE JOURNEY OF CHANGING LUT'S SCIENTIFIC OUTPUT OPENNESS – IMAGE OF THE LAST SIX YEARS



BACKGROUND

The openness of scientific output has been widely analyzed by numerous studies to provide information on an institutional, national, regional and global level.

However, there was no such estimation for LUT so far. Moreover, depending on the data source and timespan, there may be a significant difference in the results.

Therefore we decided to conduct a review of 3 sources (LUT Employees' Publication Database - LUT EPD, SciVal, InCites) to assess University ratio of OA publications in relation to the total scientific output over the selected period.

Additionally calculations for Poland, EU countries and World in SciVal and InCites were made, to put LUT's results in a larger perspective.

REFERENCES

Clarivate InCites: <https://incites.clarivate.com/#/analysis/0/organization> accessed: February 28 2023.

Elsevier SciVal: <https://www.scival.com/overview/summary?uri=Institution/327055> accessed: February 28 2023.

Baza Publikacji Pracowników Politechniki Lubelskiej: <https://pub.pollub.pl/> accessed: February 28 2023.

METHODS

Data for analysis were gathered from LUT EPD and two databases: Scopus and Web of Science (incl. ESCI) using SciVal and InCites benchmarking tools.

LUT EPD gathers data for scholarly output of LUT researchers where at least one author is affiliated with LUT in the document.

SciVal and InCites queries were performed on 28th February 2023 based on research organisation/institution name: Lublin University of Technology.

In LUT EPD works were selected on the basis of OA status registered in the database. In SciVal and InCites general OA filter was used to limit the results.

In SciVal and InCites Poland as an entity was chosen for country level metric. Indicators for Europe were based on EU28 category.

Calculations for the World were modeled respectively on a global baseline for InCites and World overview for SciVal.

Documents for the period of 2017-2022 were considered (including years for latest evaluation of the university and pre- and post- implementation of 2020 OA Mandate at LUT).

The types of publications were limited to: a research article, a book, a book chapter and a proceedings paper.

CONCLUSIONS

LUT EPD provides the more comprehensive overview of scholarly output and more accurate data on OA ratio.

The percentage share of OA publications of LUT in relation to the total number of publications is at a satisfactory level. Its slight decrease in 2021 - 2022 should be considered as a temporary phenomenon in line with regional and global trends.

The results illustrate the positive effects of increasing awareness of the benefits of publishing in OA among LUT academic community.

The journey ahead:

- continuing of raising awareness of OA among PhD students and researchers by trainings and workshops,
- encouraging and supporting of LUT researchers in OA publishing in JCR journals without APC limitations,
- continuing the policy of openness of publications issued by the LUT Publishing House (initiated in October 2010),
- working on updating 2020 OA Mandate at LUT, taking into account current guidelines from funders and publishers,
- promoting currently available open access publishing programmes among the researchers of LUT.

RESULTS

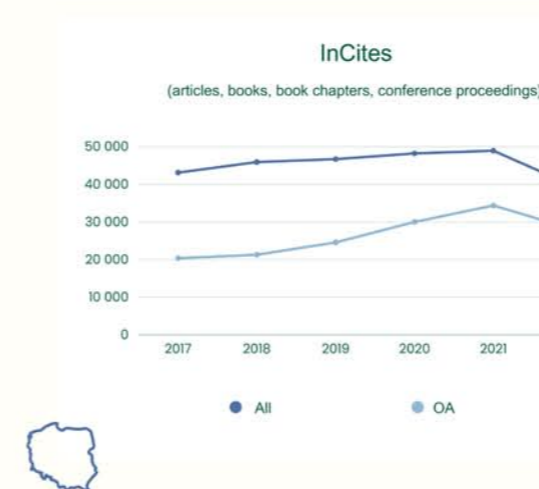
LUT Employees' Publication Database

(articles, books/monographs, book chapters, conference proceedings)



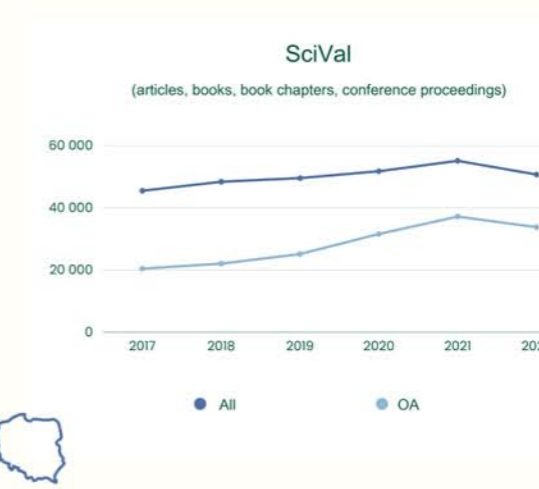
OA percentage share in LUT publications

Year	%Share
2017	56%
2018	58,4%
2019	61,2%
2020	73,4%
2021	72%
2022	69,8%



OA percentage share in Polish publications indexed by Web of Science

Year	%Share
2017	47,2%
2018	46,3%
2019	52,6%
2020	62,2%
2021	70,2%
2022	70,9%



OA percentage share in Polish publications indexed by SCOPUS

Year	%Share
2017	44,9%
2018	45,5%
2019	50,6%
2020	61%
2021	67,4%
2022	66,5%

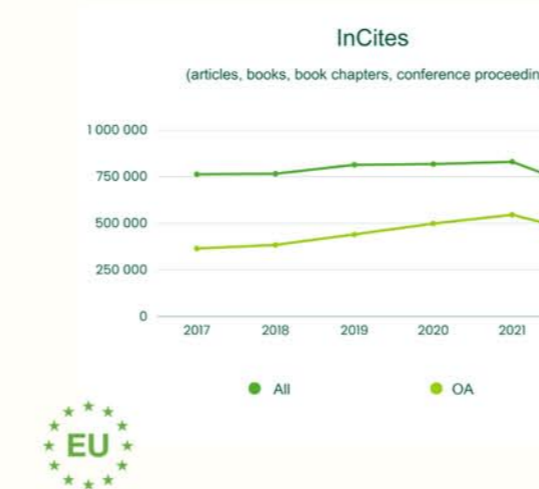
InCites

(articles, books, book chapters, conference proceedings)



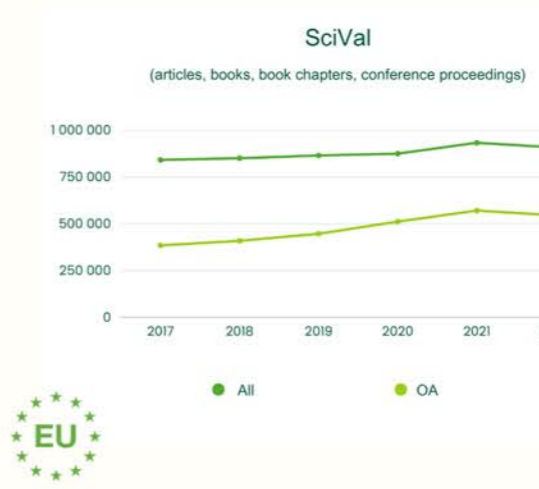
OA percentage share in LUT publications indexed by Web of Science

Year	%Share
2017	40%
2018	39,8%
2019	49,3%
2020	60,3%
2021	64,8%
2022	68,8%



OA percentage share in EU publications indexed by Web of Science

Year	%Share
2017	47,7%
2018	50,1%
2019	54,1%
2020	60,9%
2021	65,7%
2022	65,3%



OA percentage share in EU publications indexed by SCOPUS

Year	%Share
2017	45,7%
2018	48%
2019	51,6%
2020	58,4%
2021	61,1%
2022	60%

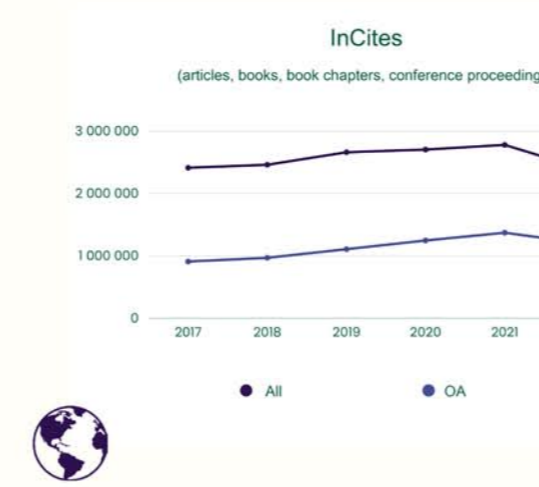
SciVal

(articles, books, book chapters, conference proceedings)



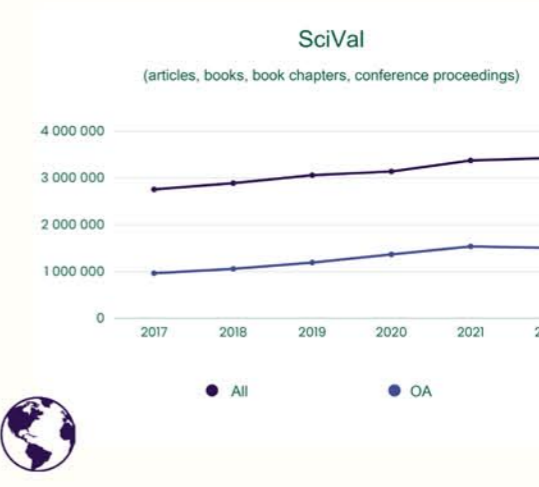
OA percentage share in LUT publications indexed by SCOPUS

Year	%Share
2017	29,8%
2018	39,2%
2019	39,1%
2020	53,5%
2021	63,2%
2022	67,3%



OA percentage share in World publications indexed by Web of Science

Year	%Share
2017	37,7%
2018	39,4%
2019	41,8%
2020	46,1%
2021	49,3%
2022	50,2%



OA percentage share in World publications indexed by SCOPUS

Year	%Share
2017	35%
2018	36,6%
2019	38,9%
2020	43,5%
2021	45,5%
2022	43,9%

