



Taras Shevchenko National University of Kyiv
as a member of the National ORCID Consortium:
results of participation

Founded in 1834, the **Taras Shevchenko National University of Kyiv** is the largest national higher educational institution in Ukraine. For almost two centuries, the University has combined quality education and modern science, tradition and innovation.

Our mission is to implement social values, among which education and science are the priority, for the social and economic development of the state.



28 000 students
1600 postgraduates

University Units
13 faculties
11 institutes
2 colleges and 1 lyceum

Faculty Staff
2904 academic staff (total number of employees 6881)

Information Monitoring Service (IMS) (The Maksymovych Scientific Library)

1

RESERCHERS

The purpose of creating this service was to monitor the effectiveness of the presentation of the scientific achievements of employees of the largest university in Ukraine in the global information space. As well as comprehensive informational support in using digital tools for scientific communication (full-text and abstract databases, author identifiers, etc.) by researchers representing the university. Compliance with academic integrity.

2

JOURNALS

Information support of the editorial boards of the University scientific periodicals on the best publishing practices, in particular to facilitate their presentation in authoritative international citation databases. Since 2016, IMS has been registering Digital Object Identifier – DOI.

3

REPOSITORY

The repository ensures centralized accumulation, storage, distribution and long-term and reliable access to electronic documents for scientific, educational and methodological purposes created by employees, students, postgraduates, and doctoral students of the University.

Communication



(National ORCID Consortium consultation center)



Information Monitoring Service



(integration of employees' data on **ORCID Member Portal**, information support for researchers, analysis of ORCID campaign, preparation of reports)

Deputy Deans/Directors for science

(collect data about employees on university unit level)



- ORCID ID affiliated with the university is a mandatory condition for re-signing the employment contract;



Departments

(collect data about employees)



- generating reports on publication activity using the functionality of the University's Publication Database, which downloads publications from the author's ORCID ID using API requests;



Researchers

(create and editing ORCID profile)



- reduction of the burden on persons responsible for accounting for publication activity in divisions;

- possibility of registration in the repository for archiving own publications.

Frequently Asked Question (by our researchers)

- I haven't got ORCID profile. How can I register and edit the profile in ORCID?
- I forgot my password/email address my ORCID ID is associate with.
- What is Affiliation Manager? What is it for?
- How can I integrate my author identifiers in Scopus/Web of Science with ORCID ID?
- How do I make my ORCID profile fill in automatically?
- How do I transfer bibliographic information from my Google Scholar?
- ...

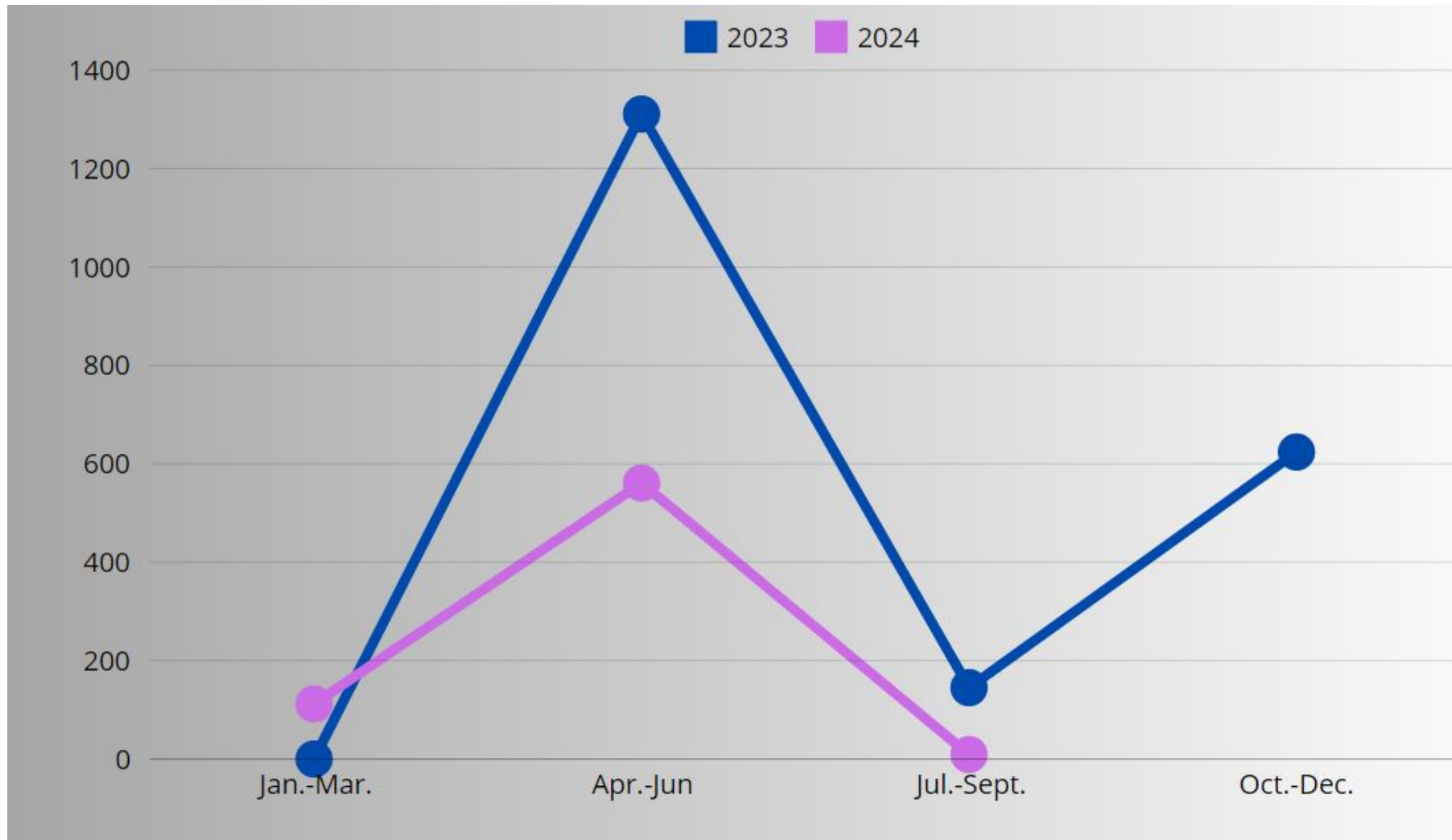


Total number of consultations provided to researchers - 1765

IMS ways of communication:

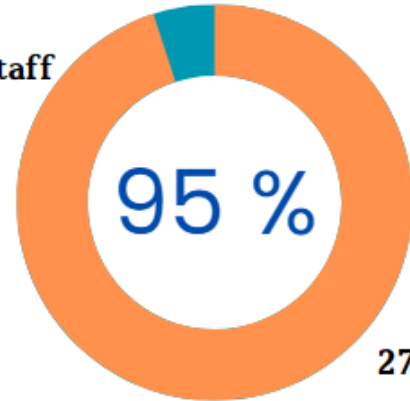
- *Individual consultations*
- *Seminars*
- *Workshops for large non-specialized group, as well as, for small specialized groups*
- *Video recording of Webinars*
- *Step-by-step guides in Ukrainian*

Entering data into Affiliation Manager



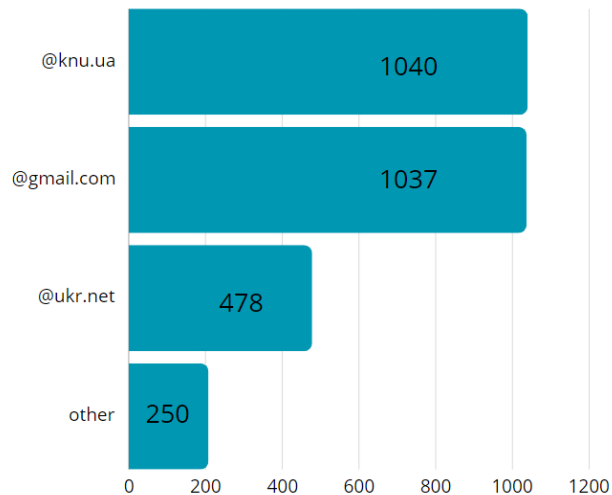
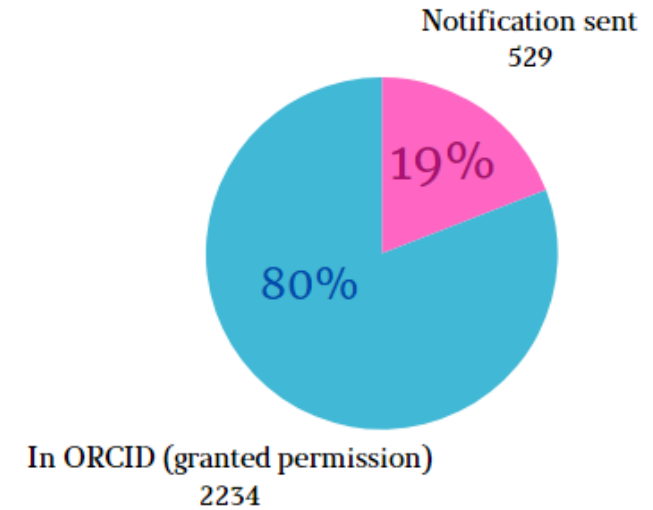
Number of affiliations added in Affiliation Manager

Total number of the University's academic staff
2904 (2023)



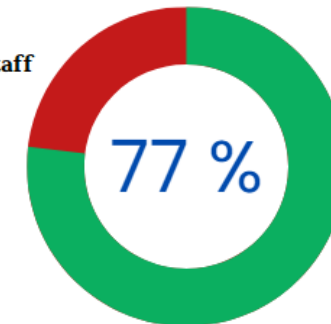
2763 affiliations

Affiliation Status Report



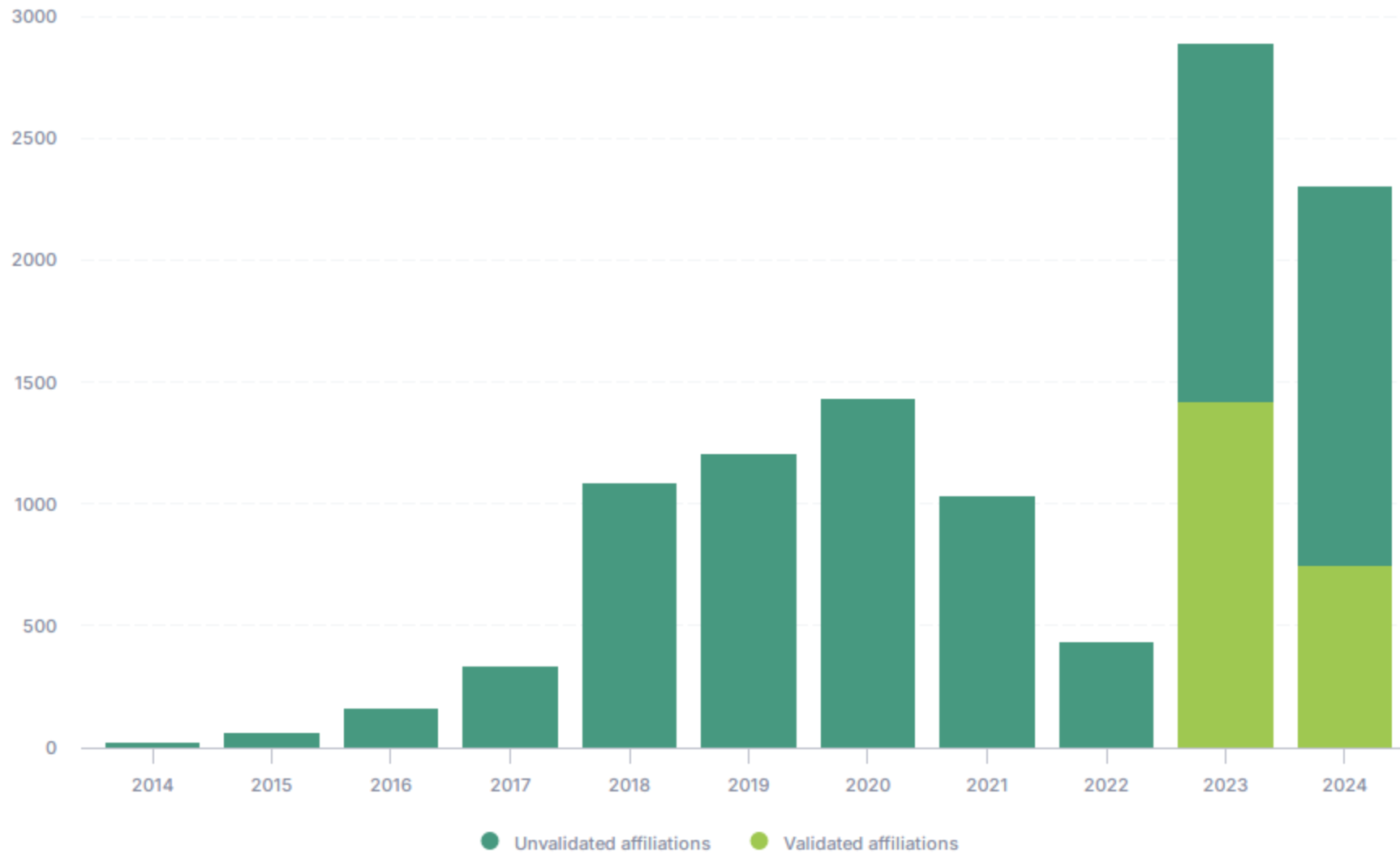
Verified affiliation (by the university staff)

Total number of the University's academic staff
2904 (2023)

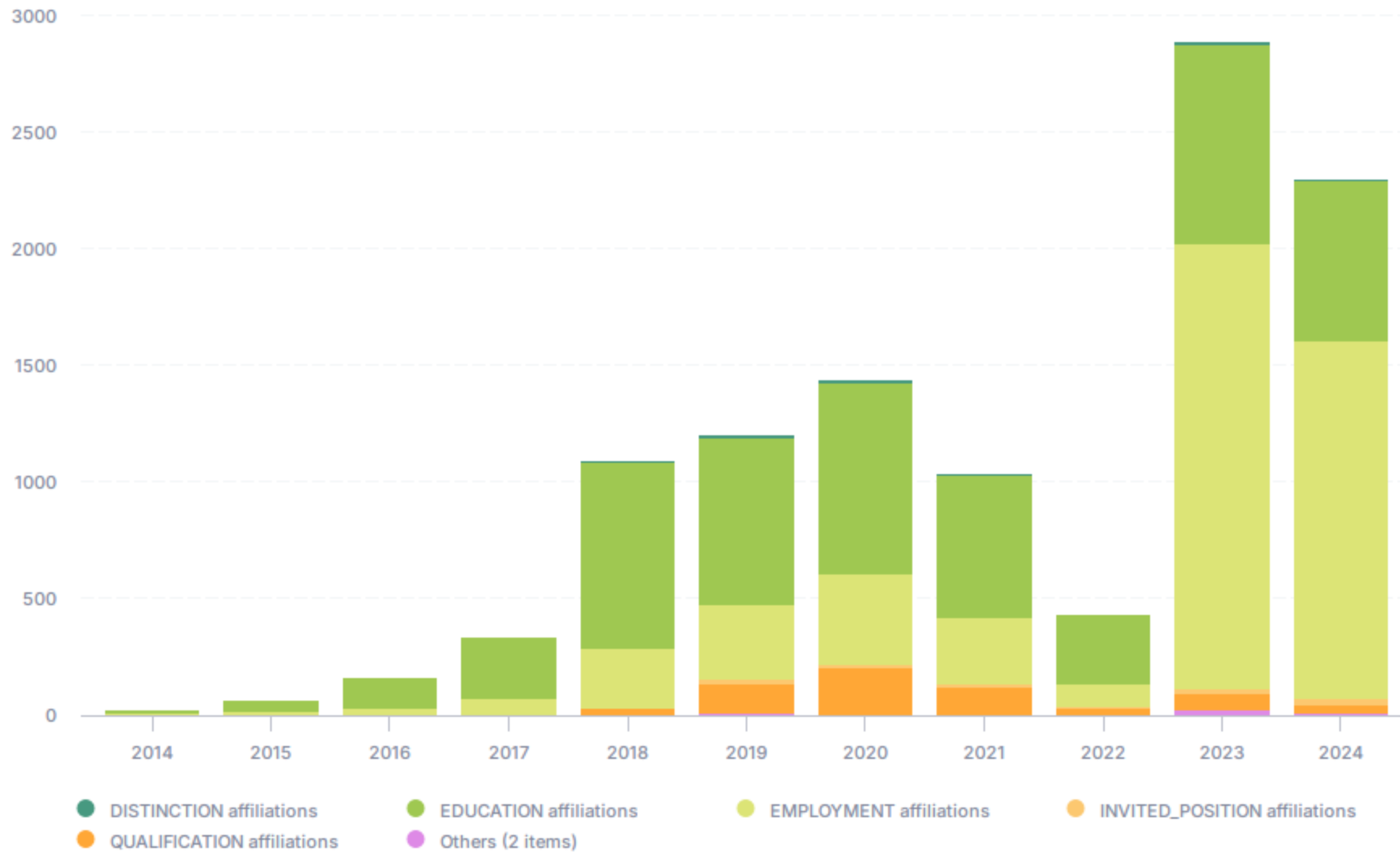


IN ORCID
(confirmed profiles by
Affiliation Manager)
2234

Affiliations created over time 



Affiliations created over time by type ▾





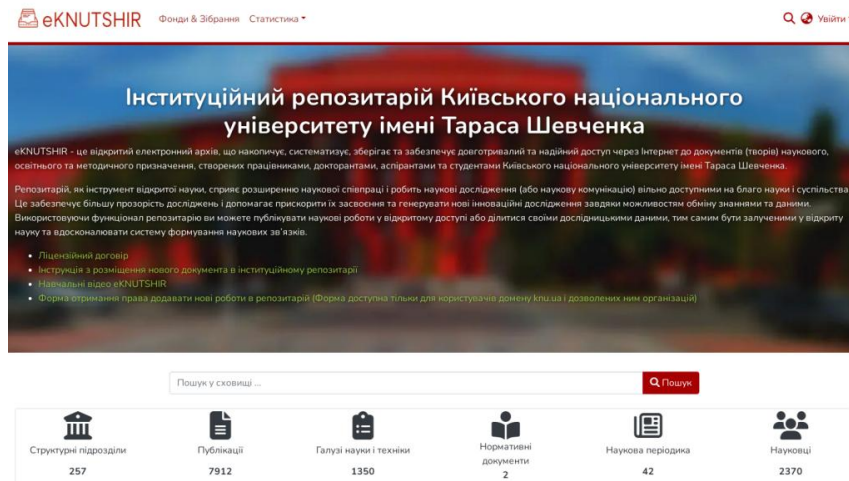
Repository



<https://ir.library.knu.ua/home>



DSpace version 6.3



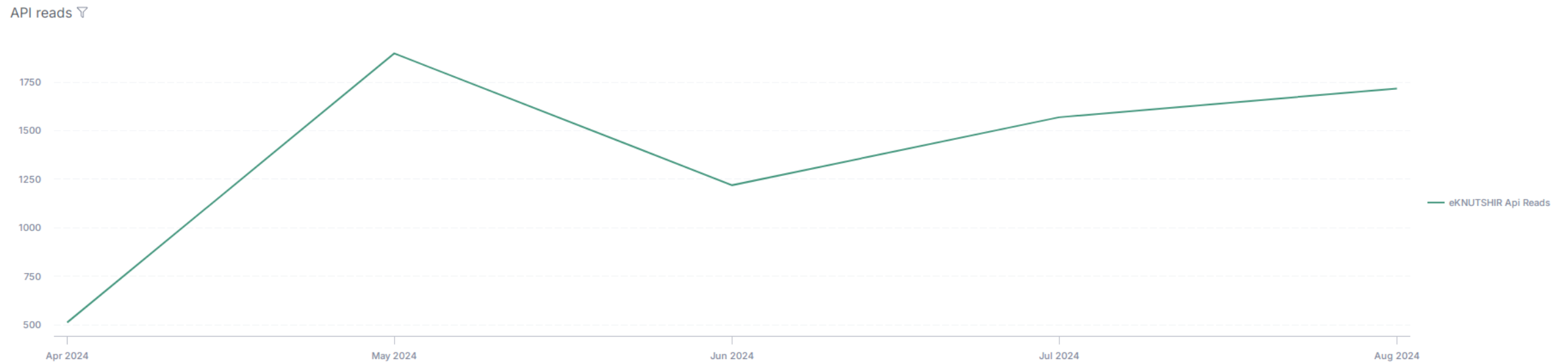
DSpace-CRIS 2023.02.00
(based on DSpace 7.6.1)

As part of the preparation for integration with ORCID, the following tasks have become our top priorities:

- Updated the technical characteristics of the University repository (to the level of DSpace-CRIS);
- Created administrative user profiles;
- Filling the repository archive (qualification works, dissertations, etc.);
- Testing the function for editing materials (updated version of DSpace).

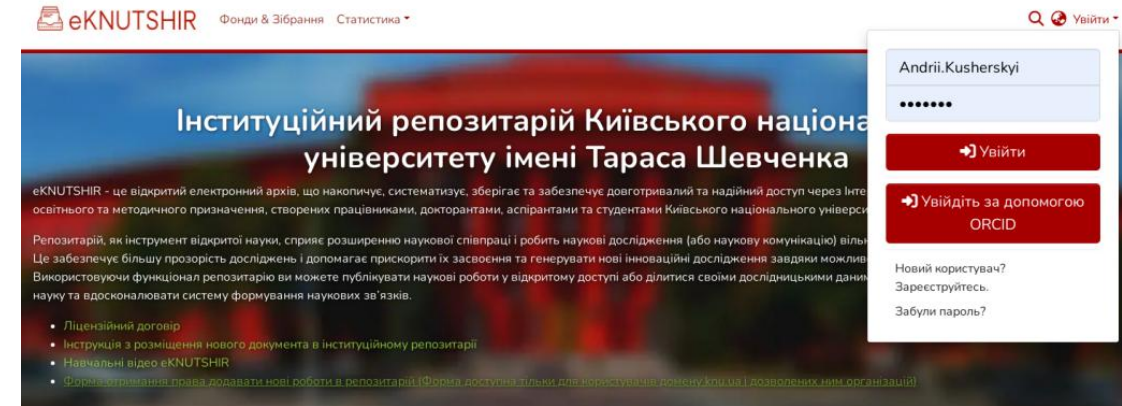
Authentications and API use

How many authentications your integrations are processing



Implemented:

1. Authorization and registration through ORCID.
2. Linking the local DSpace-CRIS researcher profile to ORCID.
3. Exchange of biographical data of researchers between the systems.
4. Exchange of publications between systems.
5. Exchange of metadata of research projects between systems.
6. Exchange of researcher account data between Dspace-Cris and ORCID.



Problems:

1. Incorrect display of the list of papers on pages 2, 3, etc., when importing from ORCID (resolved).
2. An incomplete list of authors is displayed when importing publications from ORCID (in most cases, only the first author in the list).
3. If a single publication has already been imported and deleted by the user in ORCID, there is a problem with importing the same publication into ORCID.

Andrii Kusherskyi



Ім'я, якому надається перевага
Варіант імені
Основна афіліація
Email
ORCID

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Публікації Метрики

University Publication Database

<https://researchpaper.knu.ua/>

researchpaper.knu.ua is a structured bibliographic database containing information about the scientific works of researchers at the Taras Shevchenko National University of Kyiv. It functions on the principle of API requests to ORCID.



Публікації

Київський національний університет імені Тараса Шевченка

Факультет: --Обрати факультет--

Кафедра: --Обрати кафедру--

ПІБ: --Обрати ПІБ--

Рік обліку: 2024

Універсальне поле для пошуку (за ПІБ, факультетом, кафедрою, посадою, ORCID, співавторами, назвою, виданням чи DOI):

Згенерувати

Main tasks:

- accumulation of information on all publications of the University staff;
- systematization of information (by departments, years, scientific topics, authors, etc;)
- processing and analysis of the entered data;
- reports on the publication activity of employees.



University Publication Database

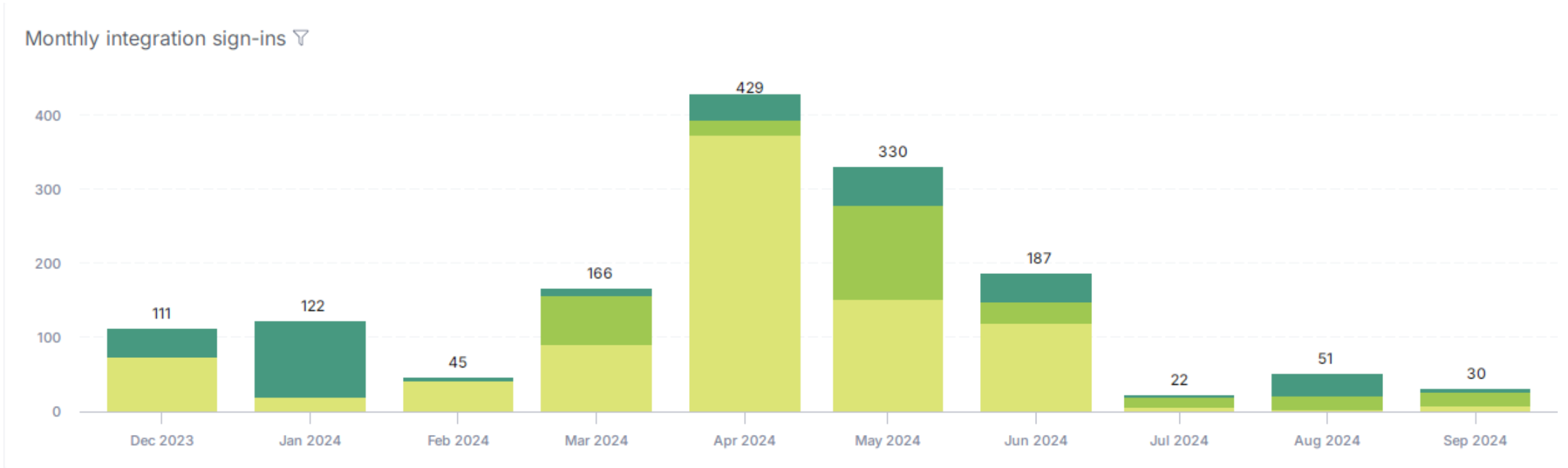
<https://researchpaper.knu.ua/>

Відповідно до п.7 Ухвали Вченої ради «Науково-дослідницька робота в КНУ імені Тараса Шевченка: підсумки за 2022 рік та завдання на 2023 рік» від 10 січня 2023 року, з урахуванням вимог чинного законодавства, яке регламентує наукову та науково-освітню діяльність в частині належного інформативного забезпечення процедури атестації кадрів вищої кваліфікації, підготовки наукової звітної та проектної документації, з метою створення структурованої бази даних наукових праць Університету, яка дозволить збирати та накопичувати інформацію щодо наукових праць співробітників, студентів, аспірантів і докторантів Університету (ORCID), консолідувати дані, обробляти та виводити їх за відповідними запитами у зручному форматі, вести статистичний аналіз, звітування та оцінювати публікаційну активність за різними параметрами в режимі реального часу (з наказу № 299-32 від 14.04.2023 р.). Керівник проекту - ІВАНОВ Сергій. Технічний консультант - МАХНО Михайло. Замовлення - ГАЛАГАН Людмила. Залучені виконавці факультету комп'ютерних наук та кібернетики: ДРАГОМЕРЕЦЬКА Ольга, ФЛАКЕЙ Роман, МУСІСНКО Максим, КАПЛАН Ілля.

The procedure for automatically downloading bibliographic data involves the following actions:

- 1) Authentication and access to the ORCID API:** to use the ORCID API, you need to register as a user and obtain available API keys that allow you to make requests to the system.
- 2) Formation of requests to the API:** HTTP requests to the ORCID API are generated to obtain information about publications of a given author by their ORCID registration number.
- 3) Parsing the received data:** as a result of processing the request, the ORCID API receives a response in XML or JSON formats, which needs to be parsed and converted into a special data format that will allow it to be saved in a local database for further accounting and/or analysis.
- 4) Data storage and synchronization:** the parsed data is integrated into a local database, where it can be synchronized with existing records. It is important to provide a mechanism for detecting and handling duplicates.

Ivanov S., Ivohin Eu., Makhno M. (2024). Automation of accounting of publications using the ORCID application programming interface. Bulletin of Taras Shevchenko National University of Kyiv. Physical and Mathematical Sciences, 78(1), 141–146. <https://doi.org/10.17721/1812-5409.2024/1.26>



-  Bulletin of Taras Shevchenko National University of Kyiv. Series: Physics and Mathematics Sign-ins
-  eKNUTSHIR Sign-ins
-  Taras Shevchenko National University of Kyiv Sign-ins

Information Monitoring Service
Maksymovych Scientific Library
Taras Shevchenko National University of Kyiv

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**Київський національний університет
імені Тараса Шевченка, 2024**