



# IEEE & Romanian Universities: An Update

*Joshua Horowitz*

*IEEE International Area Manager*

*29 October 2024*

# An IEEE Publications Update

# IEEE Xplore Digital Library

*The source that the top research organizations in the world rely on to fuel imagination and drive innovation*

- IEEE journals, conference proceedings and standards plus select partner content dating as far back as 1884
- More than **6 million documents**, 15 million downloads per month, and over 5 million unique users
- Over **1.3 million articles** from over 200 top-cited IEEE journals, magazines, and transactions
- Over **4.5 million conference papers** from as far back as 1936, with up to 200,000 added each year
- More than **5,000** approved and published **IEEE standards**
- 12 eBook collections covering emerging topics in engineering, computer science, telecommunications, and more
- IEEE eLearning Library with the latest in topics such as AI, Digital Transformation, 5G, Blockchain, and more!



<https://ieeexplore.ieee.org/>



# What's New in IEEE Xplore

- 20,000 new articles per month
- 250,000 new articles per year
- Figures above include journals, conference proceedings, and standards documents

## New Hybrid Journals in 2024-2025:

- IEEE **Electron Devices** Reviews
- IEEE **Reliability** Magazine
- IEEE **Energy Sustainability** Magazine
- IEEE **Robotics and Automation** Practice
- IEEE Transactions on **Circuits and Systems for Artificial Intelligence**
- IEEE Transactions on **Field Robotics**
- IEEE Transactions on **Materials for Electron Devices**



*\*Please note this is a tentative list and is subject to change.*



# IEEE publishes more than 30 fully Open Access Journals

*All hosted on the IEEE Xplore® Digital Library and are fully compliant with funder mandates, including Plan S.*

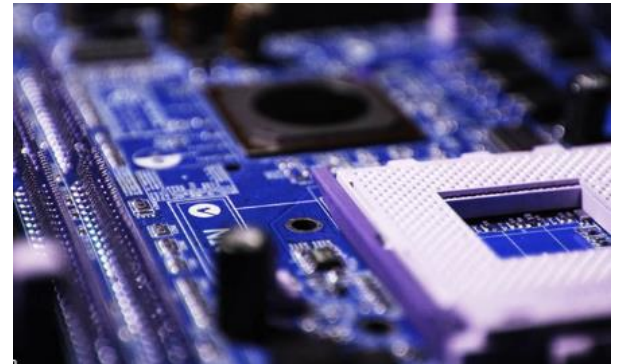
- ▶ IEEE Access
- ▶ IEEE Data Descriptions **New for 2024**
- ▶ IEEE Journal of the Electron Devices Society
- ▶ IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
- ▶ IEEE Journal on Exploratory Solid-State Computational Devices and Circuits
- ▶ IEEE Journal of Indoor and Seamless Positioning and Navigation
- ▶ IEEE Journal of Selected Areas in Sensors **New for 2024**
- ▶ IEEE Journal of Microwaves
- ▶ IEEE Journal of Translational Engineering in Health and Medicine
- ▶ IEEE Open Journal of Antennas and Propagation
- ▶ IEEE Open Journal of Circuits and Systems
- ▶ IEEE Open Journal of the Communications Society
- ▶ IEEE Open Journal of the Computer Society
- ▶ IEEE Open Journal of Control Systems
- ▶ IEEE Open Journal on Immersive Displays **New for 2024**
- ▶ IEEE Open Journal of Engineering in Medicine and Biology
- ▶ IEEE Open Journal of the Industrial Electronics Society
- ▶ IEEE Open Journal of Industry Applications
- ▶ IEEE Open Journal of Instrumentation and Measurement
- ▶ IEEE Open Journal of Intelligent Transportation Systems
- ▶ IEEE Open Journal of Nanotechnology
- ▶ IEEE Open Access Journal of Power and Energy
- ▶ IEEE Open Journal of Power Electronics
- ▶ IEEE Open Journal of Signal Processing
- ▶ IEEE Open Journal of the Solid-State Circuits Society
- ▶ IEEE Open Journal of Systems Engineering
- ▶ IEEE Open Journal of Ultrasonics, Ferroelectrics, and Frequency Control
- ▶ IEEE Open Journal of Vehicular Technology
- ▶ IEEE Photonics Journal
- ▶ IEEE Sensors Reviews **New for 2024**
- ▶ IEEE Systems, Man, and Cybernetics Letters **New for 2024**
- ▶ IEEE Transactions On Machine Learning in Communications and Networking
- ▶ IEEE Transactions on Neural Systems and Rehabilitation Engineering
- ▶ IEEE Transactions on Privacy **New for 2024**
- ▶ IEEE Transactions on Quantum Engineering

More information: [open.ieee.org](https://open.ieee.org)



# Recent *Xplore* Improvements...

- **Image Search:** imaged-based search results of images, graphics, charts, schematics, flowcharts and more from journal and proceedings articles (IEL subscribers only).
- **Automated Indexing:** new and improved indexing that uses NLP and ML technology to enable real-time indexing and discovery of newly published content.
- **Increased Reliability and Performance:** IEEE *Xplore* migration from onsite data center to cloud-based platform, providing greater platform performance and reliability.
- **Enhanced Personalization:** My Research Projects, My Favorite Journals & Magazines, Search History enhancements, and more



# Additional IEEE Resources

# 12 Leading eBooks Collections in IEEE Xplore

The IEEE Xplore Digital Library offers instant online access to more than 7,000+ high-quality, technical eBook titles from leading publishers:

- IEEE-Wiley eBooks Library
- Wiley Telecommunications eBooks Library
- Wiley Data and Cybersecurity eBooks Library
- Wiley Semiconductors eBooks Library **NEW!**
- MIT Press eBooks Library-Computing & Engineering
- Princeton University Press eBooks Library
- Artech House eBooks Library
- River Publishers
- Now Publishers Foundations & Trends Technology eBooks Library
- SAE eBooks Library
- Packt eBooks Library
- Manning eBooks Library



These eBooks collections are available as an add-on to your existing IEEE Xplore subscription. Restrictions apply to certain collections, and some collections are not available in all markets.

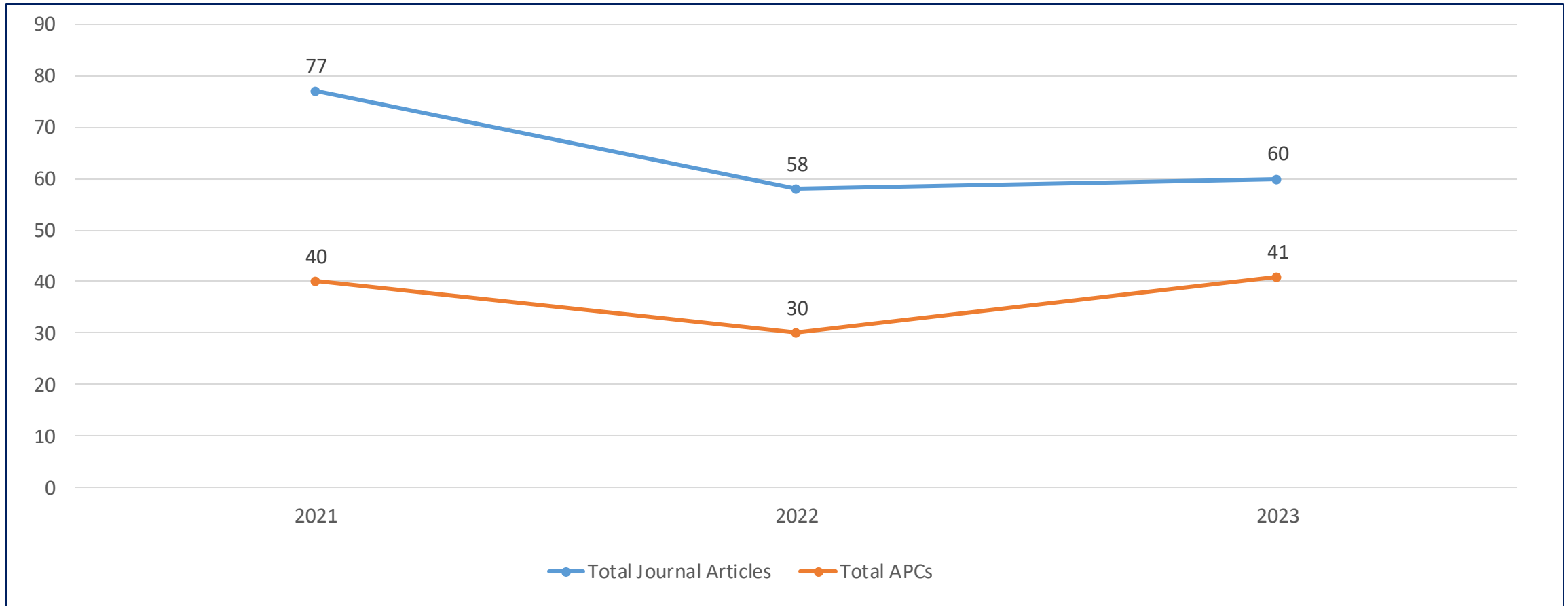


# IEEE & Romania

## Romanian Universities – IEL Usage Breakdown (Total Item Requests, Sept. 2023 to Aug. 2024 )

IEL Conferences	192,686	69.5%
IEL Journals	83,771	30.2%
IEL Standards	676	0.3%
Total	277,133	100%

# Corresponding Author Publishing in IEEE Journals: Romanian Institutions, 2021-2023



**Mulțumesc**

**Thanks**