



IEEE Publications & Online Resources in Poland: An Update

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IEEE Xplore Digital Library: Driving Innovation

The source of approximately **30% of the world's current literature** in electrical engineering, electronics, and computer science

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Subscribed Content Continues to Grow in IEEE Xplore

Total IEEE subscribed content posted grew by an average of **10%** over the past 4 years*

	New IEEE Subscribed Documents Per Year	Growth in IEEE Subscribed Documents Per Year
2025	387,451	↑ 7.3%
2024	361,106	↑ 15.7%
2023	312,137	↑ 13.9%
2022	274,122	↑ 2.6%
2021	267,162	NA

Subscribed content included in IEL (figures do not include OA content)

* IEEE content included in IEL includes journal, magazine, conference and standards documents exclusively available to subscribers.

Source: IEEE Xplore journal data queries Jan 2026, includes ephemera content, excludes early access content and OA content.

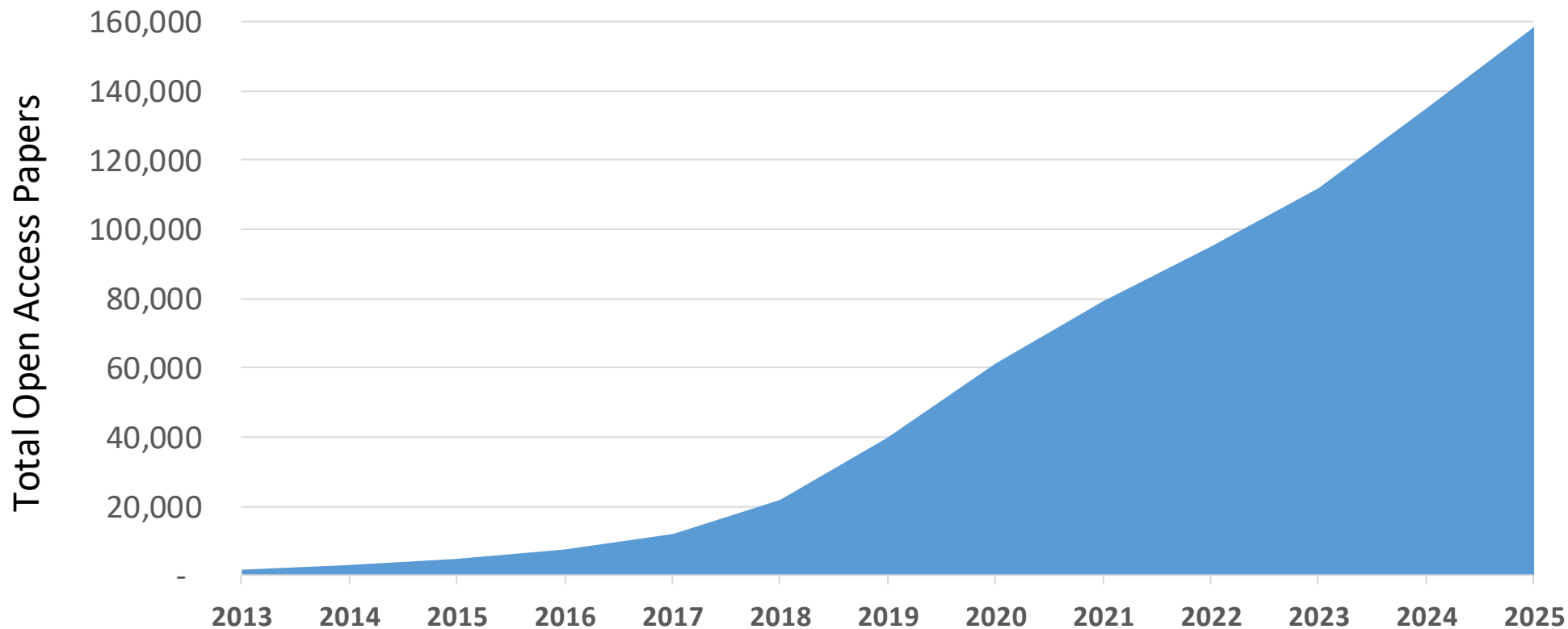
Conference paper information based on acquisition and posting data provided by the IEEE Conf. and Events (CEE) Team



IEEE Open Access Content Also Continues to Grow

IEEE has now published **160,000** total OA papers via IEEE *Xplore*

Growth of Total IEEE Open Access Papers Over Time



160,000 total
Open Access
documents as
of Jan 2026

Source: IEEE Xplore queries Jan 2026

IEEE Subscribed Journal Content Continues to Grow in IEEE Xplore

Total IEEE subscribed journal and magazine content grew by an average of **10%** over the past 4 years*

	New IEEE Journal Subscribed Documents Per Year	Growth in IEEE Journal Subscribed Documents Per Year	New IEEE Journal OA Documents Per Year
2025	85,107	↑ 6.2%	23,582
2024	80,145	↑ 19.4%	22,247
2023	67,151	- 1.9%	16,821
2022	68,458	↑ 17.9%	15,668
2021	58,085	NA	17,809

↑ 6% growth over prior year

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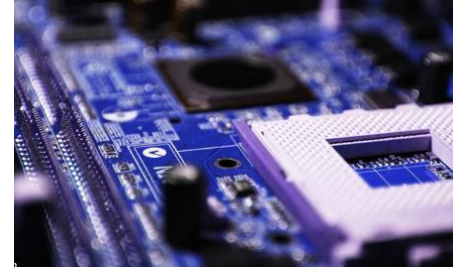
- IEEE content included in IEL includes journal and magazine articles exclusively available to subscribers.

Includes ephemera content, excludes early access content and OA content. Source: IEEE Xplore journal data queries Jan 2026



New IEEE Journal Titles for 2025 and 2026

- *IEEE Journal of Selected Topics in **Electromagnetics, Antennas and Propagation** (New in 2025)*
- *IEEE **Sensors Magazine** (coming in 2026)*
- *IEEE Journal on **Wireless Power Technologies** (coming in 2026)*
- *IEEE Transactions on **Robot Learning** (coming in 2026)*
- *IEEE **Computational Intelligence Letters** (coming in 2026)*
- *IEEE **Robotics and Automation Practice** (launched in Late 2025/Early 2026)*
- *IEEE **Energy Sustainability Magazine** (launched in 2025)*
- *IEEE **Sensors Magazine** (2026, hybrid)*
- *IEEE Journal on **Wireless Power Technologies** (2026, hybrid)*
- *IEEE Journal of Selected Topics in **Electromagnetics, Antennas and Propagation** (2025)*



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

IEEE publishes more than 30 fully Open Access Journals

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- ▶ IEEE Access
- ▶ 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
- ▶ 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
- ▶ 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 Systems, Man, and Cybernetics Letters
- ▶ IEEE Transactions On Machine Learning in Communications and Networking
- ▶ IEEE Transactions on Neural Systems and Rehabilitation Engineering
- ▶ IEEE Transactions on Privacy
- ▶ IEEE Transactions on Quantum Engineering

More information: open.ieee.org



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- Packt Business Software and Enterprise Technology eBooks Library **NEW!**
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IEEE CertifAIEd Assessor Training

Introducing the IEEE AI Ethics Expert Assessor Training (IEEE CertifAIEd)

- ▶ IEEE CertifAIEd Assessor Training is a program for assessing the ethicality of Autonomous Intelligent Systems (AIS) with embedded AI capabilities.
- ▶ This program enables participants to understand the need for ethical AIS and the principles surrounding AI Ethics criteria. Participants also learn the IEEE CertifAIEd methodology, and how to apply it toward IEEE CertifAIEd assessments (e.g., assessment of a product that utilizes AI algorithms or techniques).



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IEEE Research Navigator

IEEE Research Navigator, powered by IEEE *Xplore AI*, provides an advanced query tool for journal articles and conference papers published by IEEE as well as a specially curated database of other publishers focused on STEM-related fields of study—all in one place.



The screenshot shows the IEEE Research Navigator search interface. At the top right, there is a yellow "Beta" badge. The main title "Research Navigator" is in blue, followed by a question mark icon and the text "Powered by IEEE AI". Below the title are two radio button options: "Search IEEE" (which is selected) and "Search All STEM Articles". A search input box contains the text: "How can advances in materials science, specifically in developing new materials with enhanced conductivity and lower power consumption, impact the future of semiconductor device miniaturization and performance?". To the right of the input box is a blue circular button with a white upward-pointing arrow. Below the input box is a "Clear" button.

IEEE Reading Lens

- ▶ Accelerates reading and understanding of articles by highlighting and contextually defining terms within abstracts and full-text
- ▶ View term definitions to learn more about a concept without the need for external web browsing while reading an article
- ▶ Terms are assigned into 50+ categories, such as Algorithms, Hardware, Programming Languages, and more, which can be used to filter content for enhanced discoverability

The screenshot shows an IEEE article titled "Advanced Impacts of Nanotechnology and Intelligence". The article is published by IEEE and has 378 full-text views. The authors listed are Chao-Sung LAI, Ishita Chakraborty, Han-Hsiang Tai, Dharmendra Verma, Kai-Ping Chang, and Jer-Chyi Wang. The abstract discusses the fundamental contributions of nanotechnology, including miniaturization and energy efficiency. A Reading Lens overlay is open, showing the definition of "nanotechnology" and a list of references. The Reading Lens interface includes a search bar, a list of categories (e.g., Material Structure, Device Hardware, Technology, Wave Signal, Energy System, Algorithm Method, Process), and a "Select" button. The article content is partially obscured by the Reading Lens overlay.

Advanced Impacts of Nanotechnology and Intelligence
Publisher: IEEE | Cite This | PDF

Chao-Sung LAI ; Ishita Chakraborty ; Han-Hsiang Tai ; Dharmendra Verma ; Kai-Ping Chang ; Jer-Chyi Wang | All Authors

3 Cites in Papers | 378 Full Text Views

Abstract
Fundamental contributions of **nanotechnology** include but are not limited to miniaturization, **energy efficiency**, higher efficiency

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IEEE AI Overview

TECHNOLOGY
nanotechnology

Nanotechnology is the engineering and study of materials and systems at the nanoscale, typically ranging from 1 to 100 nanometers [1][2][3]. It is a highly interdisciplinary field encompassing physics, chemistry, biology, materials science, and engineering [5]. Nanotechnology involves manipulating individual atoms and molecules to design and create new materials, nanomachines, and nanodevices [2]. This technology has the potential to revolutionize various sectors, including electronics, medicine, energy, and manufacturing [1][2][3][4]. Nanotechnology is considered an enabling technology with a potentially significant impact across many aspects of life [2]. It offers the ability to create novel materials, composites, and structures on a molecular scale [4]. The applications of nanotechnology are diverse, ranging from extensions of conventional device physics to new approaches based on molecular self-assembly and the direct control of matter at the atomic scale [6]. Potential applications include faster computers, more efficient power sources, and life-saving medical treatments [3].

References:

1. Realizing the Internet of NanoThings:-A Review
2. Nano Technology
3. Nanotech: an Atomic, Molecular, and Supramolecular Scale for Industrial Purposes
4. New Science Technology with Many Engineering Applications - Nanotechnology
5. Nanotechnology as an Integral Part of Electronics: A Review
6. An Overview on Nano-Technology

INTRODUCTION

For more than four decades, the semiconductor industry has been driven by Moore's law, where the number of **transistors** per chip has approximately doubled every 18–24 months at a fixed cost per chip. Furthermore, over these

IEEE Reading Lens
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Understand key terms and categories with AI definitions.

Term Category

- Select All
- Material Structure
- Device Hardware
- Technology
- Wave Signal
- Energy System
- Algorithm Method
- Process

Clear | Select

Collapse

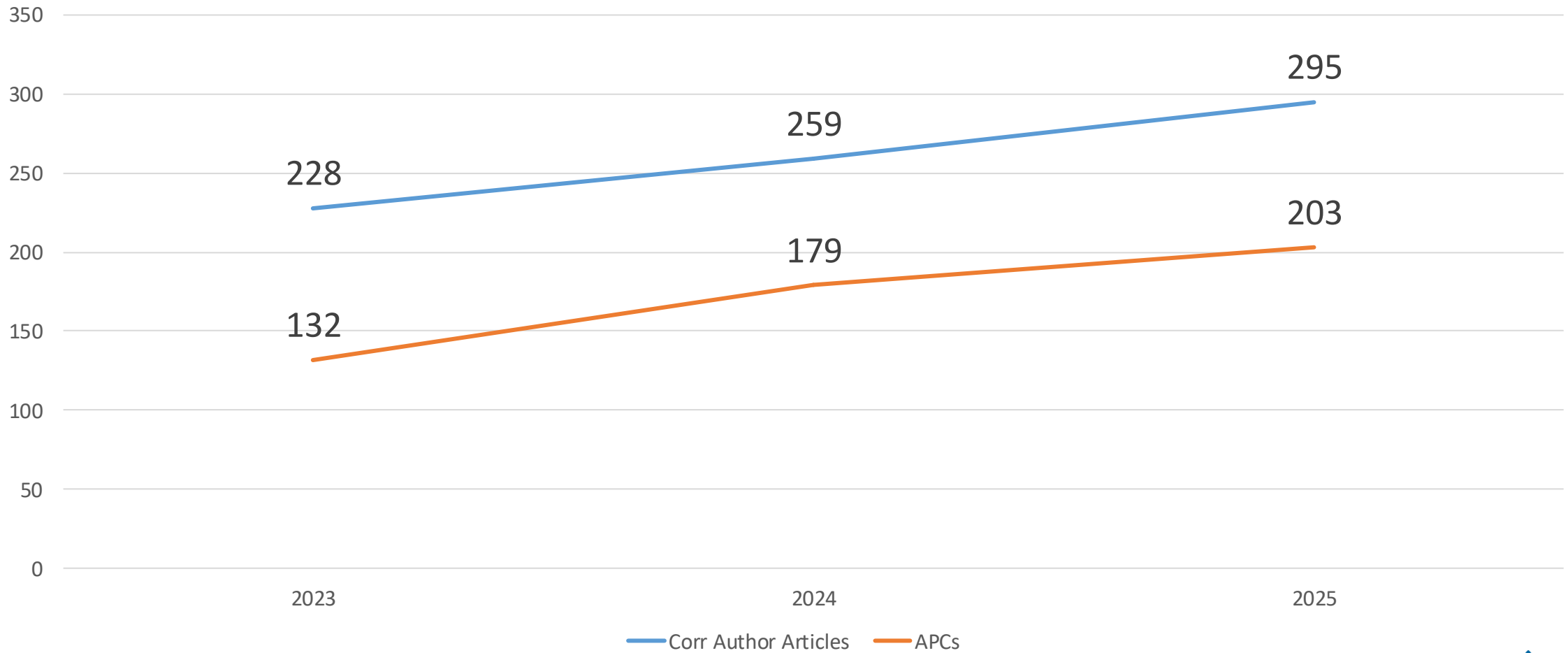
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Three Steps to the Thermal Noise
Death of Moore's Law
IEEE Transactions on Very Large Scale Integration (VLSI) Systems
Published: 2010

IEEE & Poland

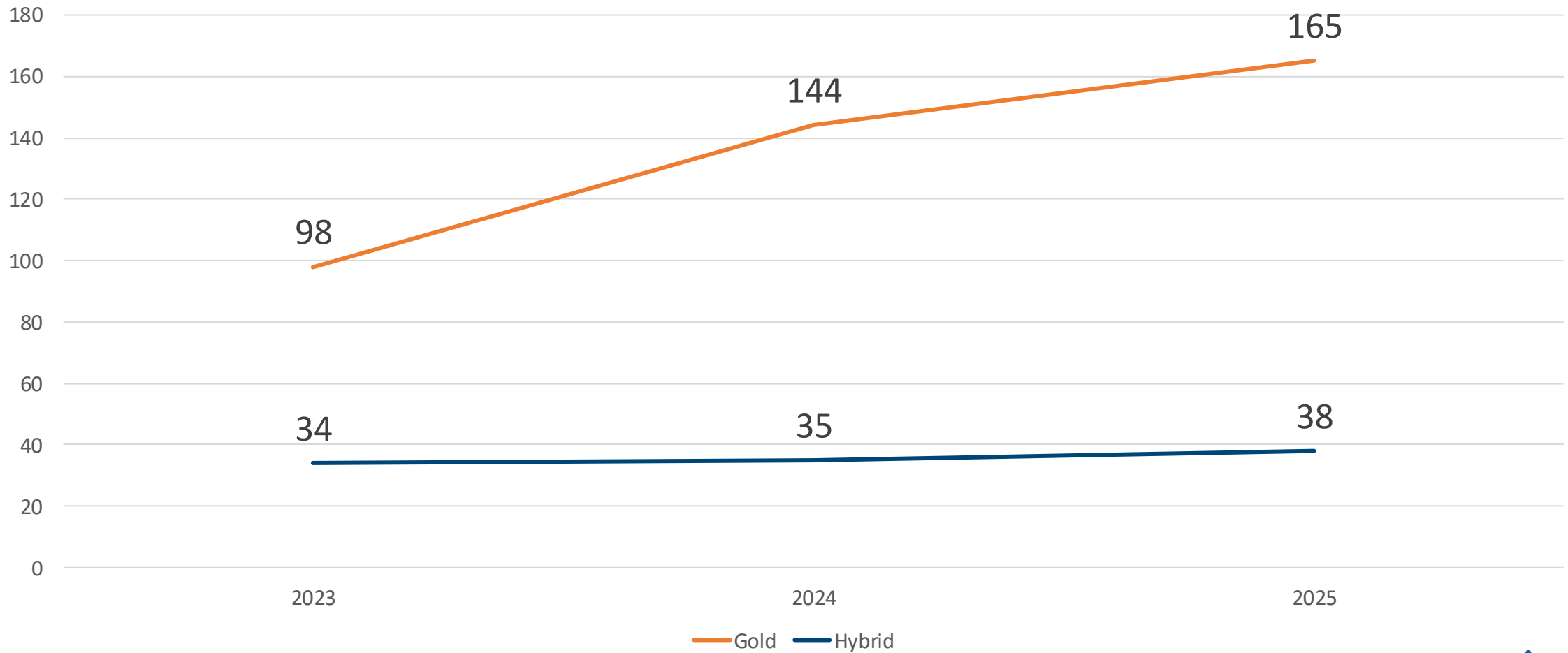
IEEE Publishing Trends in Poland: 2023-2025

Corresponding Author Journal Articles & APCs



IEEE Publishing Trends in Poland: 2023-2025

APC Type: Hybrid or Gold



Thanks

Dziękuję