

# Resource Summary Report

Generated by ASWG on Aug 3, 2026

## IEEE

RRID:SCR\_008314

Type: Tool

### Proper Citation

IEEE (RRID:SCR\_008314)

### Resource Information

**URL:** [http://www.ieee.org/portal/site/iportals?WT.mc\\_id=hplogo\\_uyleft](http://www.ieee.org/portal/site/iportals?WT.mc_id=hplogo_uyleft)

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**Description:** IEEE is the worlds largest professional association advancing innovation and technological excellence for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted voice for engineering, computing and technology information around the globe. Through its global membership, IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics among others. Members rely on IEEE as a source of technical and professional information, resources and services. To foster an interest in the engineering profession, IEEE also serves student members in colleges and universities around the world. Other important constituencies include prospective members and organizations that purchase IEEE products and participate in conferences or other IEEE programs. IEEE has: -more than 375,000 members in more than 160 countries; 45 percent of whom are from outside the United States -more than 80,000 student members -329 sections in ten geographic regions worldwide -1,860 chapters that unite local members with similar technical interests -1,789 student branches in 80 countries -483 student branch chapters at colleges and universities -390 affinity groups -- IEEE Affinity Groups are non-technical sub-units of one or more Sections or a Council. The Affinity Group patent entities are Consultants" Network, Graduates of the Last Decade (GOLD), Women in Engineering (WIE) and Life Members (LM) IEEE"s core purpose is to foster technological innovation and excellence for the benefit of humanity. It will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Synonyms:** IEEE

**Resource Type:** data or information resource, community building portal, portal

**Keywords:** electric, electronic, engineering, aerospace, biomedical, computer, computing, conference, consumer, humanity, information, innovation, power, publication, system, technological, technology, telecommunication

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** IEEE

**Resource ID:** SCR\_008314

**Alternate IDs:** nif-0000-24668

**Record Creation Time:** 20220129T080246+0000

**Record Last Update:** 20260803T040530+0000

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## Ratings and Alerts

No rating or validation information has been found for IEEE.

No alerts have been found for IEEE.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 594 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Kates JM, et al. (2025) Binaural speech intelligibility for combinations of noise, reverberation, and hearing-aid signal processing. PloS one, 20(1), e0317266.

Khan HU, et al. (2025) AI-driven cybersecurity framework for software development based on the ANN-ISM paradigm. Scientific reports, 15(1), 13423.

Raza M, et al. (2025) Industrial applications of large language models. Scientific reports, 15(1), 13755.

Ni J, et al. (2025) Performance Evaluation of Deep Learning for the Detection and Segmentation of Thyroid Nodules: Systematic Review and Meta-Analysis. Journal of medical Internet research, 27, e73516.

Cascio M, et al. (2025) A Benchmark Dataset for Radio Signal Image-based Person Re-Identification. Scientific data, 12(1), 1522.

Behmanesh A, et al. (2025) Internet of Things in Medical Education: A Systematic Mapping Review. Medical journal of the Islamic Republic of Iran, 39, 39.

Li T, et al. (2025) An Enhanced Slime Mould Algorithm Based on Best-Worst Management for Numerical Optimization Problems. Biomimetics (Basel, Switzerland), 10(8).

Hafeez Y, et al. (2025) Explainable AI in Diagnostic Radiology for Neurological Disorders: A Systematic Review, and What Doctors Think About It. Diagnostics (Basel, Switzerland), 15(2).

Lopez-Jimenez F, et al. (2025) Development and Internal Validation of an AI-Enabled Cuff-less, Non-invasive Continuous Blood Pressure Monitor Across All Classes of Hypertension. Journal of cardiovascular translational research, 18(2), 280.

Ashrafi S, et al. (2025) Diagnostic Accuracy of AI Models in Detecting Different Inherited Retinal Diseases: A Systematic Review and Meta-Analysis. Translational vision science & technology, 14(7), 22.

Slade C, et al. (2025) Current challenges and opportunities in active and passive data collection for mobile health sensing: a scoping review. JAMIA open, 8(4), ooaf025.

de Almeida SS, et al. (2025) Artificial intelligence in healthcare text processing: a review applied to named entity recognition. Frontiers in artificial intelligence, 8, 1584203.

Santos A, et al. (2025) Process mining in healthcare: a tertiary study. BMC medical informatics and decision making, 25(1), 306.

Rouhafzay A, et al. (2025) Image-based food monitoring and dietary management for patients living with diabetes: a scoping review of calorie counting applications. Frontiers in nutrition, 12, 1501946.

Kargarandehkordi A, et al. (2025) Fusing Wearable Biosensors with Artificial Intelligence for Mental Health Monitoring: A Systematic Review. Biosensors, 15(4).

Lee B, et al. (2025) Comprehensive outdoor UWB dataset: Static and dynamic measurements in LOS/NLOS environments. Scientific data, 12(1), 1532.

Park S, et al. (2025) IMU Sensor-Based Worker Behavior Recognition and Construction of a Cyber-Physical System Environment. Sensors (Basel, Switzerland), 25(2).

Han X, et al. (2025) A Comprehensive Review of Vision-Based Sensor Systems for Human Gait Analysis. Sensors (Basel, Switzerland), 25(2).

Zia-Ur-Rehman , et al. (2025) Recent Advancements in Neuroimaging-Based Alzheimer's Disease Prediction Using Deep Learning Approaches in e-Health: A Systematic Review. Health science reports, 8(5), e70802.

Buragohain D, et al. (2025) Analyzing metaverse-based digital therapies, their effectiveness, and potential risks in mental healthcare. Scientific reports, 15(1), 17066.