IET Inspec

Trusted content and precision analytics

From developing an innovative research strategy to assessing the impact of your organisation, Inspec combines trusted content with precision analytics to help you accelerate breakthroughs, solve societal challenges and make an impact on a global stage.
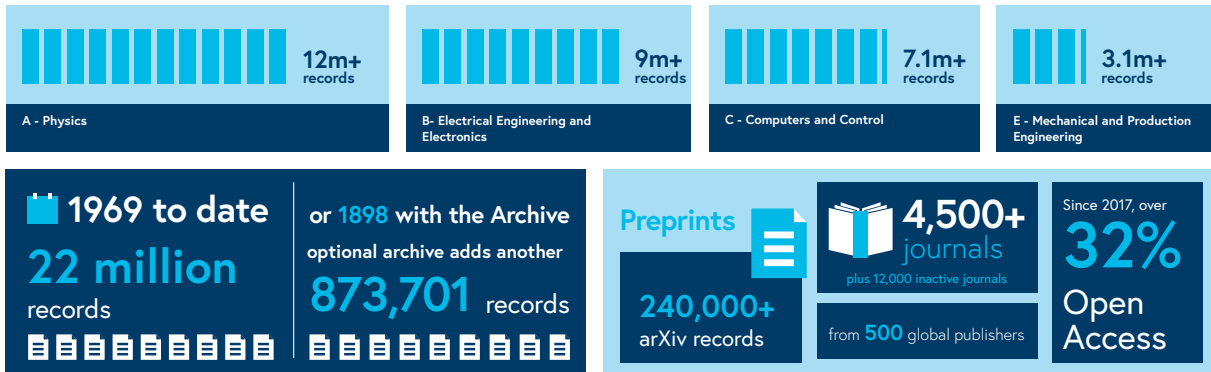
Trusted content

Inspec is an authoritative publisher-neutral resource for accessing scientific literature. Whether you're looking for inspiration for your next research project or compiling a comprehensive literature review, your journey starts with Inspec.

Containing over 22 million records of scientific research literature, with Inspec you can:

- Pinpoint relevant literature easily with precise, subject-specific indexing.
- Discover the latest research from global publications selected for quality and relevance.
- Save time with DOI links to full-text articles, including fully Open Access content.

12m+ records
A - Physics

9m+ records
B- Electrical Engineering and Electronics

7.1m+ records
C - Computers and Control

3.1m+ records
E - Mechanical and Production Engineering

1969 to date
22 million records

or **1898** with the Archive optional archive adds another
873,701 records

Preprints
240,000+ arXiv records

4,500+ journals
plus 12,000 inactive journals
from **500** global publishers

Since 2017, over
32% Open Access

Expert indexing

Inspec's records are indexed by subject matter experts to help users pinpoint the literature they need quickly. This domain expertise ensures the highest quality indexing, which powers accurate insights you can trust. In addition to indexing based on the bibliographic record (title, abstract, author, source etc.) and subject terms from our controlled and uncontrolled index, Inspec records are also indexed under special indexes to ensure maximum discoverability.

Unlike other discovery and analytics tools, Inspec allows you to drill down through up to five levels of subject classification, giving you unparalleled insights.

Inspec users spend
25% less time
on literature searches than users of the leading free scholarly search engine.*

Special indexes
- Classification Codes
- Treatment Codes
- Chemical Indexing
- Numerical Data Indexing
- Astronomical Object Indexing
- Patent Classification Codes

Drill down through 5 levels of granularity, for example:
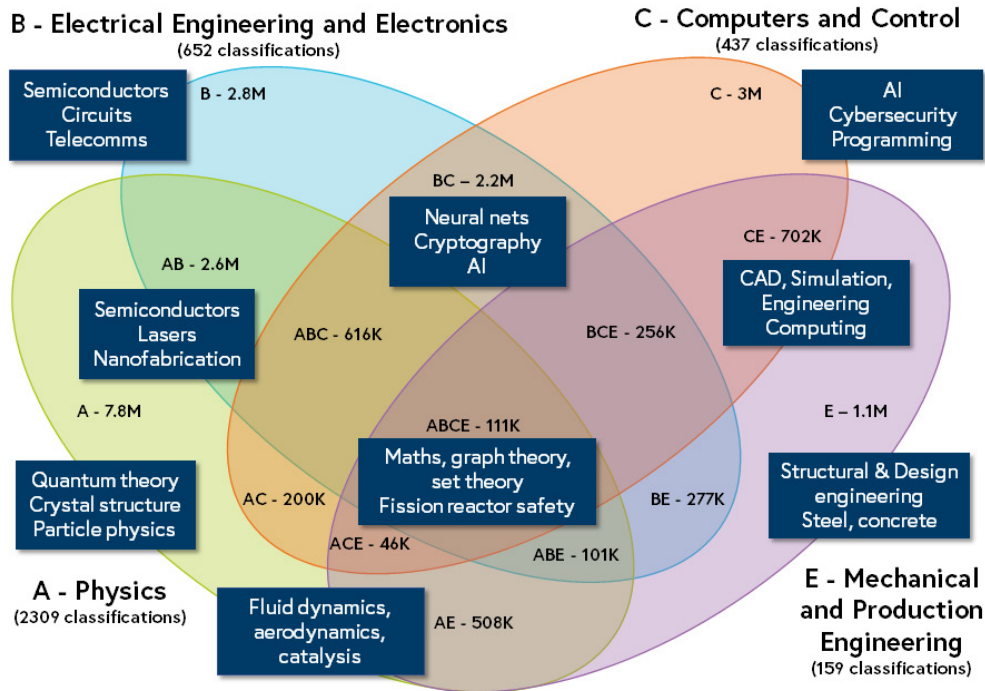
1. Physics
2. Nuclear Physics
3. Nuclear reactions and scattering: specific reactions
4. Heavy ion induced reactions and scattering
5. Fragmentation and relativistic heavy ion induced collisions

*A recent survey of over 350 researchers, conducted by the IET showed that researchers who use Inspec spend approximately two hours less on literature searches per week on average than those that use the leading free scholarly search engine.

theiet.org/inspec

Unparalleled granularity

The Inspec classification provides a hierarchical breakdown of the subjects covered in the database and assigns a code to each subject. There are 3,500+ classification codes which can be used to focus your search on specific subject areas within Inspec.

Articles are often assigned multiple classifications, to reflect the interdisciplinary nature of research. This detailed, article-level indexing supports enhanced discovery and analytics - allowing users to filter search criteria to uncover relevant content quickly and easily.

B - Electrical Engineering and Electronics
(652 classifications)

C - Computers and Control
(437 classifications)

Semiconductors Circuits Telecomms — B - 2.8M — C - 3M — AI Cybersecurity Programming

BC – 2.2M

Neural nets Cryptography AI

CE - 702K

CAD, Simulation, Engineering Computing

AB - 2.6M

Semiconductors Lasers Nanofabrication

ABC - 616K

BCE - 256K

A - 7.8M

ABCE - 111K

E – 1.1M

Maths, graph theory, set theory Fission reactor safety

Structural & Design engineering Steel, concrete

Quantum theory Crystal structure Particle physics

AC - 200K

BE - 277K

ACE - 46K

ABE - 101K

A - Physics
(2309 classifications)

Fluid dynamics, aerodynamics, catalysis

AE - 508K

E - Mechanical and Production Engineering
(159 classifications)

Precision analytics

The precise indexing for content in Inspec powers Inspec Analytics, our dynamic and intuitive research intelligence tool. Inspec Analytics utilizes powerful semantic mapping to identify trends and patterns across the global research that is indexed in Inspec.

Analyse research trends, patterns, and impact at a granular level

Inspec Analytics enables research professionals to explore beyond the literature in Inspec to uncover trends and patterns that were previously locked away, across a wide range of physics and engineering disciplines at both local and global levels.

32,000+
organisations

Monitor the research output for your organisation and compare trends with collaborators and competitors.

3,500+
subject classifications

Explore our subject classifications to identify global trends for high-level research areas or niche fields.

10,000+
controlled terms

Discover emerging topics, find collaboration opportunities and identify relevant publications.

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IET Inspec

Access to Inspec and Inspec Analytics

Inspec and Inspec Analytics are available via a range of vendor platforms including EBSCO Host, Elsevier Engineering Village, OvidSP, ProQuest Dialog and Clarivate Web of Science.

Speak to your local sales representative to request a demonstration and additional information.

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