

Finding Articles, Patents, and Standards

Engineering Library Homepage

library.columbia.edu/locations/engineering.html

Finding Articles

Article databases and indexes – full text content, citations and abstracts

- Engineering Village
- Web of Science
- CLIO/LWeb

Columbia's licensed e-journal collections

Columbia's print journal collections

- Offsite collections @ ReCap

If we don't own it – ILL (Interlibrary Loan)

Finding Patents

Patents, Standards, and Reports

library.columbia.edu/locations/engineering/patents.html

Google Patent Search

www.google.com/patents?hl=en

Espacenet

worldwide.espacenet.com/advancedSearch?locale=en_EP/

Derwent Innovations Index

www.columbia.edu/cgi-bin/cul/resolve?AUL4112

Patent Search Basic Strategy:

- Step 1: Keyword search in Patent Index
- Step 2: Identify important classifications
- Step 3: Search granted patents and/or patent applications
- Step 4: Review documents
- Step 5: Check cited and citing references
- Step 6: Repeat from Step 3.



Finding Articles, Patents, and Standards

Finding Standards

What?

According to International Organization for Standards (ISO):

A standard is a document that provides requirements, specifications, guidelines, or characteristics that can be used consistently to ensure that materials, products, processes, and services are fit for their purpose.

Why?

- Understanding
- Guidance
- Reliability
- Safety
- Quality
- Trust
- Interoperability

When?

The important thing to remember is that standards change. Make sure you pay attention to when the standard was created and if it has been updated. For research purposes, you may be interested in historical standards.

Where?

- IEEE – Institute of Electrical and Electronics Engineers
www.columbia.edu/cgi-bin/cul/resolve?AQN4436
- NISO – National Information Standards Organization
www.columbia.edu/cgi-bin/cul/resolve?clio5459659
- W3C – World Wide Web Consortium
www.w3.org/standards/

Who?

Ellie Ransom – ehr2125@columbia.edu

Jeffrey Lancaster – jeffrey.lancaster@columbia.edu

Jim Crocamo – jc2120@columbia.edu

For more information on *Patents, Technical Reports, and Standards*:
library.columbia.edu/locations/engineering/patents.html

