

# Materials Science & Engineering Database

Global, full-text coverage across disciplines

**THE MATERIALS SCIENCE & Engineering Database** is a purpose-built resource to meet the needs of professionals, students, faculty, and researchers. An interdisciplinary resource combining full-text sources and expert indexing of global literature, this database offers its users the tools and the content to stay current of the latest research in the field, perform comprehensive literature reviews, or develop strong baseline knowledge for new researchers.

For materials science research, the database offers access to full-text resources with comprehensive discovery through extensive abstracts and indexes structured using controlled vocabulary managed by expert editorial teams. Topics covered include metals, polymers, ceramics, composites, and biomaterials and deal with areas such as corrosion, molding and casting, treatment, recycling, testing, finishing, welding, and forming.

To support engineering research, the database offers easy access to millions of bibliographic abstracts for the widest and deepest coverage of new technologies and engineering research, including civil, mechanical, environmental, earthquake, mechanical, and transportation.

Coverage in the Material Science & Engineering Database goes beyond scholarly journals to include, conference proceedings, government reports, and other forms of grey literature. This diversity provides the researcher with the wealth of information needed to stay current and track new discoveries in the field. Here is a summary of the benefits of the Material Science & Engineering Database:

- ProQuest's easy to use interface gives researchers the capability to search comprehensively with precision and speed.
- Comprehensive scope of coverage; journals, conference proceedings, dissertations, and more cannot be duplicated in a stand-alone aggregated database
- Built on a foundation of traditional and innovative abstracting and indexing (A&I) of all relevant literature.
- Immediate access to thousands of full text titles and key content sources identified through the search process.

## **Abstracts and journals featured in the collection include:**

- Aluminum Industry Abstracts
- ANTE: Abstracts in New Technology & Engineering
- Aquatic Science & Fisheries Abstracts (ASFA)
- Marine Biotechnology Abstracts
- Biochemistry Abstracts 1
- Biochemistry Abstracts 3
- Biotechnology Research Abstracts
- Ceramic Abstracts
- Chemoreception Abstracts
- Civil Engineering Abstracts
- Copper Technical Reference Library
- Corrosion Abstracts
- Earthquake Engineering Abstracts
- Engineered Materials Abstracts
- Engineering Journals
- Environmental Engineering Abstracts
- Genetics Abstracts
- Human Genome Abstracts
- Industrial and Applied Microbiology Abstracts (Microbiology A)
- Materials Business File
- Materials Science Journals
- Mechanical & Transportation Engineering Abstracts
- METADEX
- Polymer Library
- Polymer Science Journals

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