

Technology Collection

Technology Collection は工学分野の研究のためのリサーチコレクションです。

世界の材料工学や技術に関連するタイトルを集めたMaterials Science Database、土木工学や環境工学、機械工学に関連するタイトルを集めたEngineering Database、そして宇宙工学や計算機科学に関連するタイトルを集めたAdvanced Technologies & Aerospace Database の3種類のデータベースを収録し、合計5,000誌以上のフルテキストと、7,000誌の抄録を収録しています。

これらのデータベースには、学術雑誌論文や会議録だけではなく、米国内外の政府機関、国際機関、大学や企業が発行するレポート類なども数多く収録され、工学に焦点を当てた質の高い調査を行うことができます。

全文収録出版社TOP30(括弧内は全文収録タイトル数) 2022年6月現在

- Fitch Solutions Group Limited (572)
- Springer Nature B.V. (494)
- Hindawi Limited (163)
- Taylor & Francis Ltd. (120)
- MDPI AG (107)
- Emerald Group Publishing Limited (91)
- Access Intelligence LLC (88)
- Newstex (81)
- Informa (74)
- Cambridge University Press (70)
- Athena Information Solutions Pvt. Ltd. (62)
- Pedia Content Solutions Pvt. Ltd. (55)
- De Gruyter Poland (52)
- Sage Publications Ltd. (50)
- Endeavor Business Media (48)
- Future Publishing Ltd (46)
- BNP Media (40)
- Nova Science Publishers, Inc. (37)
- BioMed Central (36)
- Questex, LLC (36)
- BCS Learning & Development Limited (35)
- Emerging Markets Direct Media Holdings, LLC (35)
- European Alliance for Innovation (EAI) (33)
- Element K Journals (33)
- Superintendent of Documents (29)
- IGI Global (28)
- Hart Energy (28)
- The Institution of Engineering & Technology (27)
- Walter de Gruyter GmbH (27)
- Worldwide Videotex (26)
- Nature Publishing Group (25)

タイトル収録例 2022年6月現在

- Engineering Computations, Emerald Group Publishing Limited (1996-current)
- The International Journal of Advanced Manufacturing Technology, Springer Nature B.V. (1997-current)
- International Journal of Astrobiology, Cambridge University Press (2002-current)
- Acta Mechanica, Springer Nature B.V. (2003-current)
- Mechanical Engineering, American Society of Mechanical Engineers (1988-current)
- Nanocomposites, Taylor & Francis (2018-current)
- International Journal of Construction Project Management, Nova Science publishing Inc. (2011-current)
- International Nano Letters, Springer Nature B.V. (2011-current)
- Nature Communications, Nature Publishing Group (2010-current)
- Design Science, Cambridge University Press (2017-current)
- Journal of Manufacturing Technology Research, Nova Science Publishing, Inc. (2011-current)

対象分野

Materials Science Collection

- Aerospace and aircraft engineering
- Aluminum
- Automotive engineering
- Bonding, brazing, soldering, and welding
- Bioengineering and biotechnology
- Biomaterials and biomedical engineering
- Casting and molding
- Ceramics
- Chemical and electrochemical properties
- Chemical engineering
- Chemistry
- Civil engineering
- Composites
- Construction materials
- Copper
- Corrosion
- Earthquake engineering
- Energy, fuels and propellants
- Engineered materials
- Environmental engineering
- Glass, including metallic glasses
- Heat treatment
- Industrial and manufacturing engineering
- Intermetallics
- Materials selection and substitution
- Mathematics
- Mechanical engineering
- Metallurgy
- Nanomaterials and nanoengineering
- Nonferrous metals
- Nuclear engineering
- Polymers, plastics, and rubber
- Powder technology
- Recycling
- Refractories
- Robots and automation
- Steels and alloys
- Surface finishing
- Sustainability
- Testing and quality control
- Theoretical mechanics and dynamics
- Thermal spray
- Transportation engineering
- Waste management

Engineering Collection

- Aircraft design and engineering
- Arctic and tropical engineering
- Automotive design and engineering
- Bridges and tunnels
- Buildings, towers and tanks
- Civil engineering for air and space transportation
- Coastal and offshore structures
- Construction materials
- Design and properties of substructures
- Earthmoving and construction machinery
- Electric and hybrid vehicles
- Engineering for electric power generation
- Engineering for industrial and manufacturing processes
- Flood analysis
- Fuels and propellants
- Geotechnical engineering
- Hazardous materials
- High speed trains, rapid transit railways and monorails
- Highways and roads
- Industrial robots and automation
- Industrial waste and sewage
- Internal combustion engines
- Land development, irrigation and drainage
- Magnetic levitation railways
- Military technology
- Nuclear power plants
- Pollution, waste and water engineering
- Railroad rails and structures
- Road, rail and sea transport
- Seismic engineering
- Seismic phenomena
- Shipbuilding
- Site remediation and reclamation
- Sporting and recreational vehicles
- Storm water management
- Tanks and armored vehicles
- Theoretical mechanics and dynamics
- Thermoelectric energy
- Tidal and wind power
- Waste management

Advanced Technologies & Aerospace Collection

- Aeronautics and astronautics
- Aeronautics and aerospace engineering
- Applied physics
- Artificial intelligence and robotics
- Astrophysics
- Atomic and molecular physics
- Circuits and logic
- Communications and networks
- Computer applications
- Computer programming
- Computer security
- Computing milieu
- Condensed matter physics
- Control systems
- Database information systems and applications
- Decision support systems
- Earth resources and remote sensing
- Electronics and electrical engineering
- Energy and power systems
- Geophysics
- Hardware and evaluation
- Homeland security and terrorism
- Information systems
- Lasers and masers
- Mathematics of computing
- Military and defense
- Navigation
- Nuclear and high energy physics
- Optics, optical, and acoustic technology
- Photonics
- Plasma physics
- Semiconductors and superconductors
- Software engineering
- Solid state milieu
- Space sciences
- Telecommunications, equipment and instrumentation

※Technology Collectionは、自然科学分野で最も大きなデータベースであるSciTech Premium Collectionの一部です。上位データベースのSciTech Premium Collectionについても、お気軽にお問い合わせください。

契約形態: 年間購読 IPアドレス認証方式・同時アクセス無制限

個別にお見積り致します。お気軽にお問い合わせください。

販売総代理店: 紀伊國屋書店デジタル情報営業部 pqhelp@kinokuniya.co.jp