



Steel + Iron

# StahlLit

Literature database with bibliography, abstract and keywords for the entire field of steel along the process chain from ore to coated product and the properties of steel. The database bundles information from German and international scientific and applied literature such as journals, conference reports, research reports and dissertations, as well as other difficult to access literature. The StahlLit contains abstracts in German and/or English. You can search in German as well as in English.

- Raw materials, reducing agents, fluxes, ore dressing and preparation, sintering, pelletizing, coking and fuel technology
- Production of iron: blast furnace process, direct reduction, smelting reduction, hot metal pre-treatment
- Oxygen steelmaking, electric steelmaking, secondary metallurgy, remelting processes
- Primary forming: continuous casting, ingot casting, spray forming, powder metallurgy, additive manufacturing
- Production of ferroalloys
- Forming of steel: hot and cold forming, rolling, forging, extrusion, drawing, sheet metal forming, tube production
- Heat treatment, surface treatment, coating, parting and joining
- Physical metallurgy, metallography, properties of iron, steel and alloys
- Materials defects, materials testing, the uses of steel;
- Metallurgical furnaces; heating, burners, refractory materials;
- Mechanical and electrical engineering, energy technology and management, general factory equipment
- Measurement technology, automation, modeling and simulation
- Standardization and quality management
- Maintaining and repairing, planning and construction
- Environmental protection, recycling technology, occupational safety
- Operational economics, management; history of iron and steel

## File Data

Number of records: 520.722

Years covered: from 1980

Update: weekly

