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Journal Information

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2020		✓	✓	
2019		✓	✓	
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Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

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2026-10-1 Vol. 112 Issue 13 Pages 724-738
Authors: Kazuki Matsubara, Kaneharu Okuda, Yasunobu Nagataki
DOI: 10.2355/tetsutohagane.tetsu-2026-024

Analysis of High-Temperature Carbonation Behavior of Steelmaking Slag and Development of Kinetic Model
2026-10-1 Vol. 112 Issue 13 Pages 739-748
Authors: Mahoko Hiyoshi, Hirokazu Sugihara, Jun Ishii et al.
DOI: 10.2355/tetsutohagane.tetsu-2026-021

Advancements in Environmentally Harmonious Electric Arc Furnace Operation and Equipment Technology in the Steelmaking Process
2026-10-1 Vol. 112 Issue 13 Pages 674-691
Authors: Takashi Yamauchi, Yoshinori Sumi, Hiroshi Fukaya
DOI: 10.2355/tetsutohagane.tetsu-2025-078

Development and Prospect of Environment-Conscious Steelmaking Process in Japan
2026-10-1 Vol. 112 Issue 13 Pages 656-673
Authors: Yoshihiko Higuchi, Goro Okuyama
DOI: 10.2355/tetsutohagane.tetsu-2026-008

Japanese Steel Industry Initiatives to Reduce CO₂ Emissions and Future Challenges to Consider—General Overview of "Development and Future Perspectives of Environmentally Harmonized Ironmaking and Steelmaking Processes"
2026-10-1 Vol. 112 Issue 13 Pages 627-640
Authors: Hideki Murakami
DOI: 10.2355/tetsutohagane.tetsu-2026-009

Microstructural Development at the Joint and Fatigue Properties of an α+β-type Titanium Alloy (Ti-5Al-2Fe-3Mo) with Linear Friction Welding
2026-10-1 Vol. 112 Issue 13 Pages 710-723
Authors: Yasuhiro Aoki, Kohsaku Ushioda, Shotaro Hashimoto et al.
DOI: 10.2355/tetsutohagane.tetsu-2026-031

Recent Development and Future View of Environment-conscious Ironmaking Technology
2026-10-1 Vol. 112 Issue 13 Pages 641-655
Authors: Ko-ichiro Ohno, Kenichi Higuchi
DOI: 10.2355/tetsutohagane.tetsu-2025-111

Evolution of Alternative Ironmaking Processes and Technological Trends Toward Green Steel Realization
2026-10-1 Vol. 112 Issue 13 Pages 692-709
Authors: Taiji Hatakeyama, Shigeru Ueda
DOI: 10.2355/tetsutohagane.tetsu-2026-012

Tool Wear Mechanism in Cutting Carbon Steel for Machine Structural Use Containing Mill Scale
2026-9-1 Vol. 112 Issue 12 Pages 582-592
Authors: Masahiro Hagino, Takashi Inoue, Keito Nagata et al.
DOI: 10.2355/tetsutohagane.tetsu-2026-013

Effect of Stress Ratio on Crack Growth Life of Fatigue-Resistant Steel Plates Following a Single Overload
2026-9-1 Vol. 112 Issue 12 Pages 605-615
Authors: Yoshihiro Hyodo, Koji Murakami, Kazuki Matsuda et al.
DOI: 10.2355/tetsutohagane.tetsu-2026-032