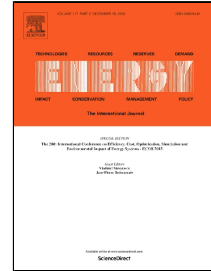


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Exergy Analyses of the Oxygen Blast Furnace with Top Gas Recycling Process

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HIGHLIGHTS

- The project of TGR-OBF is prospective and meaningful.
- The exergy analysis of the TGR-OBF process was conducted.
- Most exergy indices of the Medium oxygen enriched OBF process worsened.
- All exergy indices of the full oxygen blast furnace process are favorable.
- Two kinds of exergy indices are proportional to the exergy efficiency of VPSA.

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