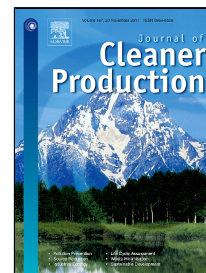


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Research on a Novel Modifying Furnace for Converting Hot Slag Directly into Glass-ceramics

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## Highlights

- Hot steel slag was utilized together with its waste heat
- An modifying furnace was designed for hot slag modification
- Hot modification process was controlled by temperature distribution adjustment
- Glass-ceramics derived from modified slags were obtained with excellent properties

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