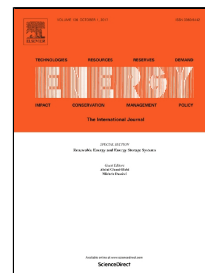


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Modeling, thermodynamic and techno-economic analysis of coke production process with waste heat recovery

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Highlights

- Modeling of coke production process with waste heat recovery was conducted.
- Thermodynamic analysis of coke production process with WHR was presented.
- Locations and magnitudes of exergy inefficiencies were identified and quantified.
- Techno-economic and CO₂ emissions analysis of coke production process were conducted.

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