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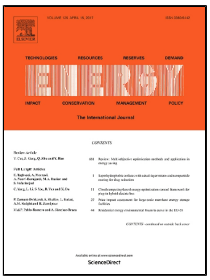

Deep Learning based Monitoring of Furnace Combustion State and Measurement of Heat Release Rate

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Highlights

1. A novel deep learning based framework to identify furnace combustion state.
2. An end-to-end framework to integrate feature extraction and classification.
3. Adopt a smooth and adjustment technique.
4. Achieved *state-of-the-art* 99.9% accuracy with high processing speed.

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