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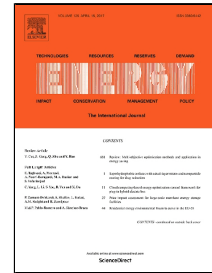
Scan of working fluids based on dynamic response characters for Organic Rankine Cycle using for engine waste heat recovery

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Highlights

- The dynamic response of ORC systems with 14 working fluids including water are compared
- Steam Rankine Cycle responds much more slowly than ORC
- High temperature working fluids respond more slowly than low temperature working fluids
- Critical temperature can be used to estimate the response speed of straight-chain alkanes

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