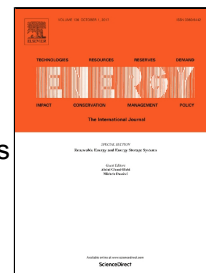


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A Quantitative Energy Efficiency Evaluation and Grading of Plate Heat Exchangers

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- $EEI = k/\nabla p^n$ is proposed to evaluate the energy efficiency of plate heat exchangers.
- A normal distribution function of EEI of plate heat exchangers is obtained.
- EEI can be used to grade plate heat exchangers in terms of energy efficiency.
- The principles of energy efficiency indexes of heat exchangers grading are proposed.

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