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放射線照射による伝熱への影響評価

Evaluation of Heat Removal Performance under Irradiation

学術論文（査読あり）

- [1] K. Wang*, N. Erkan, K. Okamoto. Oxidation effect of copper on the downward-facing flow boiling CHF under atmospheric condition. Int. J. Heat. Mass. Transf. 156 (2020) 119866.
- [2] K. Wang, H. Gong*, L. Wang, N. Erkan, K. Okamoto. Irradiation effects of CHF on bare and porous honeycomb surface in downward-face saturated pool boiling. Prog. Nucl. Energy. 127 (2020) 103444.
- [3] Kai Wang*, Chun-Yen Li, Marco Pellegrini, Nejdert Erkan, and Koji Okamoto. Extended development of a bubble percolation method to predict boiling crisis of flow boiling. Int. J. Heat. Mass. Transf. 165 (2021) 120660.

学術論文（査読なし）

- [1]
- [2]
- [3]

博士論文

- [1]
- [2]

修士論文

- [1] 上杉紘太郎、アルミニウムを下向き伝熱面材料に用いた限界熱流束に関する研究、東京大学大学院工学系研究科(2021)
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卒業論文

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国際会議

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国内会議

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- [2]

招待講演等

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- [2]

解説・記事等

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- [2]

新聞発表等

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- [2]

特許等

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