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## 放射線照射と伝熱性能の相関に関する研究 Relationship between irradiation and heat transfer

学術論文（査読あり）

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- [3] Kai Wang, Hui Liang, Nejdert Erkan, Koji Okamoto, “Radiation-induced surface activation of an indium tin oxide and titanium oxide film-coated sapphire,” Journal of Nuclear Engineering and Radiation Science, **8**(3): 032001 (2022).

修士論文

- [1] 井上純也、照射伝熱面における限界熱流束と沸騰特性に関する研究、東京大学、2022 年 3 月

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- [1] Kai Wang, Hui Liang, Haiguang Gong, Koji Okamoto, Nejdert Erkan, "A study on the honeycomb effect on CHF in downward-face pool boiling," 19th International Topical Meeting on Nuclear Reactor Thermal Hydraulics, online March 9, 2022

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- [1] 王 凱、岡本 孝司、井上 純也、「下向き流動沸騰における透明ヒーターの観察」日本原子力学会 2022 春の年会 オンライン、2022 年 3 月 17 日

招待講演等

- [1] Wang Kai, “Experimental and numerical study of critical heat flux in downward-facing boiling,” 第 12.5 回相変化界面研究会, July 28, 2021