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燃料デブリ特性及び事故廃棄物処理処分に関する基礎基盤研究 Fundamental Research on Property of Fuel Debris and Waste Disposal from the Accident

学術論文（査読あり）

- [1] Hui Liang, Nejdet Erkan, Virginie Solans, Shunichi Suzuki, “Numerical Simulation and Validation of Aerosol Particle Removal by Water Spray Droplets with OpenFOAM,” *Frontiers in Energy Research*. (Accepted on May 7th, 2020).
- [2] Yoshihiro Iwata, Donguk Cheon, Masabumi Miyabe, Shuichi Hasegawa, “Spectroscopic analysis of radioactive strontium with low isotopic abundance using laser resonance ionization,” *Hyperfine Interactions* **241** (2020) 29 (8 pages).
- [3] Yoshihiro Iwata, Donguk Cheon, Masabumi Miyabe, and Shuichi Hasegawa, “Development of an interference-filter-type external-cavity diode laser for resonance ionization spectroscopy of strontium,” *Review of Scientific Instruments* **90** (2019) 123002 (8 pages).

学術論文（査読なし）

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- [2]
- [3]

博士論文

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- [2]

修士論文

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- [2]

卒業論文

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- [2]

国際会議

- [1] Hui Liang, Qian Zhou, Nejdet Erkan, Shunichi Suzuki, “Experimental and numerical investigation of aerosol scavenging by water spray droplets,” XJTU-UT-SJTU symposium (Xi’an Jiao Tong University-The University of Tokyo-Shanghai Jiao Tong University). December 1-4, 2019, Shanghai, China. (Best paper award)
- [2] Hui Liang, Qian Zhou, Nejdet Erkan, Shunichi Suzuki, “Improvement of Aerosol Spray Scavenging Efficiency with Water Mist,” The International Conference on Nuclear Engineering (ICONE 27), May 19-24, 2019, Tsukuba, Japan. (Oral presentation)
- [3] Yoshihiro Iwata, Donguk Cheon, Masabumi Miyabe, Shuichi Hasegawa, “Spectroscopic analysis of radioactive strontium with low isotopic abundance using laser resonance ionization,” International Conference Merger of the Poznan Meeting on Lasers and Trapping Devices in Atomic Nuclei Research and the International Conference on Laser Probing (PLATAN2019), Mainz (Germany), May 2019.

国内会議

- [1] 岩田圭弘, Cheon Donguk, 宮部昌文, 長谷川秀一, 「自動電離準位を用いたストロンチウム共鳴イオン化における外部電場の影響」, 日本原子力学会 2020年春の年会、福島大学、2020年3月[新型コロナウイルス感染の影響で開催中止].
- [2]

招待講演等

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解説・記事等

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- [2]

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新聞発表等

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特許等

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