**業績リスト**

記入年月日（西暦）　　2019　年 7 月 31 日

受賞歴 １件

**[1] Best Poster Award in ANIMMA2017**

Conference: International Conference On Advancements in Nuclear Instrumentation Measurement Methods and Their Applications 2017

　 Date: 19-23, June 2017, Liege, Belgium

特許 １件

**[1] ポジトロン断層測定装置及びポジトロン断層測定画像の構成方法**

特開2018-91669(P2018-91669A)

発明者: 河合秀幸、伊藤博士、小林篤史

公開日: 2018年6月14日

主な学術論文4件

**○[1]** **Development of a time projection chamber with a sheet-resistor field cage**

Authors: Kentaro Miuchi, Tomonori Ikeda, Hirohisa Ishiura, Kiseki D. Nakamura, Atsushi Takada, Yasuhiro Homma, Ko Abe, Koichi Ichimura, Hiroshi Ito, Kazuyoshi Kobayashi, Takuma Nakamura, Ryuichi Ueno, Takuya Shimada, Takashi Hashimoto, Ryota Yakabe, and Atsuhiko Ochi

Journal: Progress of Theoretical Experimental Physics.

Id: PTEP 2019, 063H01.

In press, arxiv.1903.01663.

　 Issue date: Accepted 8 April 2019,

**○[2] Performance check of the CsI(Tl) calorimeter for the J-PARC E36 experiment by observing e+ from muon decay**

Authors: Hiroshi Ito, K. Horie, S. Shimizu, S. Bianchin, C. Djalali, D. Gill, M. D. Hasinoff, Y. Igarashi, J. Imazato, N. Kalantarians, H. Kawai, S. Kimura, A. Kobayashi, S. Kodama, M. Kohl, H. Lu, O. Mineev, M. Tabata, R. Tanuma, N. Yershov

Journal: Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment

　 Issue date: Accepted 27 May 2018

Id: Nucl. Inst. Meth. A 901 (2018) 1-5.

**[3] The design and basic performance of a Spiral Fiber Tracker for the J-PARC E36 experiment**

Authors: O. Mineev, S. Bianchin, M.D. Hasinoff, K. Horie, Y. Igarashi, J. Imazato, H. Ito, H. Kawai, S. Kodama, M. Kohl, Yu. Kudenko, S. Shimizu, M. Tabata, A. Toyoda, N. Yershov

Journal: Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment

Id: Nucl. Inst. Meth. A 847 (2017) 136–141

　 Issue date: Accepted 25 November 2016

**[4] Identification of 90Sr/40K based on Cherenkov Detector for Recovery from the Fukushima Nuclear Accident**

Authors: Hiroshi Ito, Soorim Han, Atsushi Kobayashi, Naomi Kaneko, Hideyuki Kawai, and Makoto Tabata

　 Journal: JPS Conference Proceedings

　 DOI: 10.7566/JPSCP.11.070002