1. Slow Neutron Physics and Neutron Scattering

Papers

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Kimoto Koji, Shiga Motoki, Kohara Shinji, Kikkawa Jun, Cretu Ovidiu, Onodera Yohei, Ishizuka Kazuo
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Mashita Ryo, Saito Makina, Yoda Yoshitaka, Kishimoto Hiroyuki, Seto Makoto, Kanaya Toshiji
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2. Nuclear Physics and Nuclear Data

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Sunaga Ayaki, Fleig Timo
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T. Kitazawa, K. Kitase, D. Ueda, D. Fujimoto, S. Arai, Y. Kobayashi, S. Kitao, T. Kubota, M. Seto
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Y. Nauchi, J. Hori, K. Terada, T. Sano
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Local Structure of Cadmium Doped $SrTiO_3$
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Present Status and Approach for Industrial Application of Various-Element Mossbauer Spectroscopy using KUR, LINAC and Synchrotron Radiation
Shinji Kitao, Yasuhiro Kobayashi, Masayuki Kurokuzu, Makoto Seto, Hiroyuki Tajima, Hiroyuki Yamashita, Hidetoshi Ota, Takumi Kubota, Ryo Masuda
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Present Status and Future Projects for Mössbauer Spectroscopy at Institute for Integrated Radiation and Nuclear Kyoto University
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Y. Kimura, M. Mihara, K. Matsuta, M. Fukuda, R. Wakabayashi, Y. Otani, M. Fukutome, G. Takayama, T. Minamisono, D. Nishimura, H. Takahashi, T. Izumikawa, T. Ohtsubo, N. Noguchi, M. Ogose, M. Sato, K. Takatsu, S. Momota, A. Ozawa, T. Nagamoto, A. Kitagawa, S. Sato, M.K. Kubo, K. Shimomura, A. Koda, S. Takeshita
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β-decay spectroscopy of rare fisson products with 4πclover detector using an Isotope Separator On-Line KUR-ISOL-Search for γ-rays in the decay of ^{155}Pr
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3. Reactor Physics and Reactor Engineering

Papers

Hybrid Organic–Inorganic Perovskite Semiconductor-Based High-Flux Neutron Detector with BN Converter
Okuno Yasuki, Matsui Taisuke, Kobayashi Tomohiro, Imaizumi Mitsuru, Jimba Yuki, Hao Yu, Kondo Sosuke, Kaneko Yukihiro, Kasada Ryuta
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Yamamoto Toshihiro, Shen Xiuzhong, Sakamoto Hiroki
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Monte Carlo sensitivity analyses of isothermal temperature coefficient in solid-moderated and solid-reflected cores at Kyoto University critical assembly
Song Kyoseong, Ho Pyeon Cheol, Jin Shim Hyung
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Katabuchi Tatsuya, Iwamoto Osamu, Hori Jun-ich, Kimura Atsushi, Iwamoto Nobuyuki, Nakamura Shoji, Rovira Gerard, Endo Shunsuke, Shibahara Yuji, Terada Kazushi, Kodama Yu, Nakano Hideto, Sato Yaoki, Matsuura Shota
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Shen Xiuzhong, Yamamoto Toshihiro, Han Xu, Hibiki Takashi
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X 線イメージングを用いた球充填層内のボイド率分布計測
YAMAMOTO Seishiro, ODAIRA Naoya, ITO Daisuke, ITO Kei, SAITO Yasushi, IMAIZUMI Yuya, MATSUBA Kenichi, KAMIYAMA KenjiKenichi, KAMIYAMA Kenji
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H. Unesaki
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High-Radiation-Tolerant CIGS Solar Cell based Self-Power Driven Radiation Dosimeter for IF
奥野泰希, 今泉充, 上川由紀子, 岡本保, 小林知洋, 牧野裔紘, 笠田竜太
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Measurement of U-233 Sample Reactivity Worth in KUCA for Integral Validation of Nuclear Data
T. Sano, J. Hori, Y. Takahashi, K. Terada, T. Kanda, H. Unesaki
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Atsushi Kinomura, Atsushi Yabuuchi
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Development of accident tolerant control rod (3) Compatibility between novel neutron absorbing and core structural materials at high temperature
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4. Material Science and Radiation Effects

Papers

Improvement of laccase biosensor characteristics using sulfur-doped TiO_2 nanoparticles
Kavetskyy Taras, Smutok Oleh, Demkiv Olha, Kukhazh Yuliia, Stasyuk Nataliya, Leonenko Evhen, Kiv Arnold, Kobayashi Yoshinori, Kinomura Atsushi, Šauša Ondrej, Gonchar Mykhailo, Katz
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Hsieh Wen-Pin, Marzotto Enrico, Tsao Yi-Chi, Okuchi Takuo, Lin Jung-Fu
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^{161}Dy synchrotron-radiation-based Mössbauer absorption spectroscopy
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Kobayashi Yasuhiro, Kitao Shinji, Yuasa Kosuke, Seto Makoto
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Hugoniot and released state of calcite above 200 GPa with implications for hypervelocity planetary impacts
Umeda Yuhei, Fukui Keiya, Sekine Toshimori, Guarguaglini Marco, Benuzzi-Mounaix Alessandra, Kamimura Nobuki, Katagiri Kento, Kodama Ryosuke, Matsuoka Takeshi, Miyanishi Kohei, Ravasio Alessandra, Sano Takayoshi, Ozaki Norimasa
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Nishide Akinori, Tanusilp Sora-at, Kowa Wataru, Yashima Mitsuharu, Nambu Akira, Hayakawa Jun, Ohishi Yuji, Muta Hiroaki, Mukuda Hidekazu, Kurosaki Ken
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7. Neutron Capture Therapy

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H. Nagasawa
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ホウ素中性子捕捉療法 (BNCT) がマウス正常骨に与える生物学的影響
Ryota Iwasaki, Ryutaro Yoshikawa, Takashi Mori, Takehisa Matsukawa, Satoshi Takeno, Minoru Suzuki, Koji Ono**日本放射線腫瘍学会第 59 回生物部会学術大会, Sapporo, Japan (Jun. 24-25 2022) 27 (in Japanese)**

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Hiroki Tanaka
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8. Neutron Radiography and Radiation Application

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Ryosuke Matsumoto
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9. TRU and Nuclear Chemistry

Papers

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10. Health Physics and Waste Management

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