1. Slow Neutron Physics and Neutron Scattering

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Overscreening Induced by Ionic Adsorption at the Ionic Liquid/Electrode Interface Detected Using Neutron Reflectometry with a Rational Material Design
Nishi Naoya, Uchiyashiki Junya, Oda Tatsuro, Hino Masahiro, Yamada Norifumi L.
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Mitsui Takaya, Sakai Seiji, Li Songtian, Ueno Tetsuro, Watanuki Tetsu, Kobayashi Yasuhiro, Masuda Ryo, Seto Makoto, Akai Hisazumi
Hyperfine Interactions 242 (2021) 37 (doi) 10.1007/s10751-021-01772-0

Muon-Induced Single-Event Upsets in 20-nm SRAMs: Comparative Characterization with Neutrons and Alpha Particles
Kato Takashi, Tampo Motonobu, Takeshita Soshi, Tanaka Hiroki, Matsuyama Hideya, Hashimoto Masanori, Miyake Yasuhiro
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Pure Nuclear Bragg Reflection due to Combined Magnetic and Quadrupole Interaction in Fe_3O_4
Nakamura Shin, Mitsui Takaya, Kurokuzu Masayuki, Shimomura Susumu
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Yokota Hiroko, Kobori Yu, Jitsukawa Shunsuke, Sakai Seiji, Takeda Yukiharu, Mitsui Takaya, Kobayashi Yasuhiro, Kitao Shinji
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Takuo OKUCHI
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Funama F., Tasaki S., Hino M., Oda T., Endo H.
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Neutron flat-panel detector using In–Ga–Zn–O thin-film transistor
Fujiwara Takeshi, Miyoshi Hiroaki, Mitsuya Yuki, Yamada Norifumi L., Wakabayashi Yasuo, Otake Yoshie, Hino Masahiro, Kino Koichi, Tanaka Masahito, Oshima Nagayasu, Takahashi Hiroyuki
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Nemoto Fumiya, Yamada Norifumi L., Hino Masahiro, Aoki Hiroyuki, Seto Hideki
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Riichiro Nakamura, Masahiro Hino, Hiroki Tanaka, Yasutoshi Kuriyama, Yoshihisa Iwashita
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Present Status of Source Development of Various-Element Mössbauer Spectroscopy using KUR and LINAC at KURNS
Shinji Kitao, Yasuhiro Kobayashi, Masayuki Kurokuzu, Makoto Seto, Hiroyuki Tajima, Hiroyuki Yamashita, Taku Fujihara, Takumi Kubota
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Structural Analysis of Additivies in Lubricans by Means of Small Angle X-Ray Scattering
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Kazuhiro Kanda, Tomohiro Mishima, Fuminobu Hori, Atsushi Yabuuchi, Atsushi Kinomura
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Understanding relationship between structure and property in disordered materials via topological analyses
Yohei Onodera
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Improvement of Spectral Resolution for β-NMR Spectroscopy in Liquids
M. Mihara, K. Matsuta, M. Fukuda, R. Wakabayashi, Y. Otani, Y. Kimura, 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. Nagatomo, A. Kitagawa, and S. Sato
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中性子の波紋と超高分解能写真フィルム（原子核乾板）で重力を撮る
Naotaka Naganawa
名古屋大学アイソトープ総合センターTracer 71 (2022) 3-8 (in Japanese)

2. Nuclear Physics and Nuclear Data

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Tritium release behavior from neutron-irradiated FLiNaBe mixed with titanium powder
Kubo Kaito, Katayama Kazunari, Oya Makoto, Tsukahara Katsuya, Fukada Satoshi, Tanaka Teruya, Sagara Akio, Yagi Juro, Iinuma Yuto
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Nakamura Shoji, Shibahara Yuji, Endo Shunsuke, Kimura Atsushi
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Nuclear Resonance Vibrational Spectroscopic Definition of the $Fe(IV)_2$ Intermediate Q in Methane Monooxygenase and Its Reactivity

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H. Y. Shin, J. H. Kim, S. W. Song, J. H. Kim, B. Lee, J. H. Moon and C. H. Pyeon
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Neutron beam filter system for fast neutron cross-section measurement at the ANNRI beamline of MLF/J-PARC
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Atsushi Yabuuchi
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Enforced stripping of negative muons from μHe+ ions to stimulate muon-catalyzed fusion by cyclotron resonance acceleration
Yoshiharu Mori
Progress of Theoretical and Experimental Physics 2021(9) (2021) 093G01 (doi) 10.1093/ptep/ptab111

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^{61}Ni Mössbauer Spectroscopy for Hofmann-like Coordination Polymers
T. Kitazawa, H. Okada, D. Ueda1 Y. Kobayashi, S. Kitao3 T. Kubota and M. Seto
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Development of Time- and Energy-Resolved Mössbauer Spectroscopy
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S. Komatsuda, W. Sato, and Y. Ohkubo
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Yosuke IWAMOTO, Makoto YOSHIDA, Shin-ichiro MEIGO, Katsuya YONEHARA, Taku ISHIDA, Keita NAKANO, Shin-ichiro ABE, Hiroki IWAMOTO, T. SPINA, K. AMMIGAN, N. MOKHOV, Atsushi YABUUCHI, and Toshimasa YOSHIIE
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Iwamoto Yosuke, Yoshida Makoto, Matsuda Hiroki, Meigo Shin Ichiro, Satoh Daiki, Yashima Hiroshi, Yabuuchi Atsushi, Shima Tatsushi
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3. Reactor Physics and Reactor Engineering

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Rapid Discrimination of Extracellular Vesicles by Shape Distribution Analysis
Ryuzaki Sou, Yasui Takao, Tsutsui Makusu, Yokota Kazumichi, Komoto Yuki, Paisrisarn Piyawan, Kaji Noritada, Ito Daisuke, Tamada Kaoru, Ochiya Takahiro, Taniguchi Masateru, Baba Yoshinobu, Kawai Tomoji
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Kurashima Yutaro, Kurosawa Shunsuke, Murakami Rikito, Yamaji Akihiro, Ishikawa Shiori, Pejchal Jan, Kamada Kei, Yoshino Masao, Toyoda Satoshi, Sato Hiroki, Yokota Yuui, Ohashi Yuji, Yoshikawa Akira
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F. Nishioka, T. Endo, A. Yamamoto, M. Yamanaka and C. H. Pyeon
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J. H. Kim, S. H. Kim, S. W. Song, T. S. Lim, J. H. Park, J. H. Kim, C. H. Pyeon, S. W. Hwang, B. S. Lee
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Ken Nakajima
Insights Concerning the Fukushima Daiichi Nuclear Accident 2 (2021) 191-198

Issues for regulatory compliance for nuclear fuel and RI facilities at universities
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Task and recommendation for nuclear fuel and RI facilities at universities
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4. Material Science and Radiation Effects

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6. Life Science and Medical Science

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7. Neutron Capture Therapy

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10. Health Physics and Waste Management

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TORSIONAL VIBRATION CHARACTERISTICS OF A SEISMICALLY-ISOLATED BUILDING CONSTRUCTED ON AN INCLINED BEARING LAYER INFERRED FROM RECORDED MOTIONS AND RESPONSE ANALYSES
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