

1. Ion-induced Damage of Nucleotide Molecules through Ionization and Electronic Excitation
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2. Effect of Orientation of Si Dimer Colliding with Thin Carbon Foil on Secondary Electron Energy Distribution
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3. Negative Secondary Ions Emitted from Microdroplets of Water-methanol Mixtures by Fast Heavy-ion Collisions
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4. Fragmentation of Gas-phase Nucleobases by MeV-ion Irradiation
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5. Measurement of Recurrent Fluorescence from Excited Anthracene Cations Using Electrostatic Ion Beam Trap
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6. Detection of Single Ion Hits on Gallium Nitride Semiconductors
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7. Secondary Ion Emission Induced by Fast-ion in Solid-Phase Methanol
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8. TOF-ERDA Measurement of Li in Thin All-Solid-State Lithium Battery
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9. MeV-SIMS Measurement of Negative Electrode Surface of Lithium Ion Battery after Charging / Discharging
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10. Fundamental Study on Fibrous Particle Dispersed Flow
Y. Iwata, Z. Kawara, and T. Yokomine
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11. Hydrogen Behavior in Zircaloy Oxides before and after Transition
K. Suzuki, R. Suzuki, and I. Takagi
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12. Adsorption and Desorption of Deuterium in Tungsten Oxide Surface
I. Takagi, and T. Saitou
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13. Hydrogen Isotope Exchange on Vanadium Surface
Y. Ichikawa, R. Moriyama, I. Takagi
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14. Analysis of (Zr,Ce)O₂ Solid Solutions after Immersion of Aqueous Solutions
Y. Sato, T. Kobayashi, T. Sasaki
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15. Interaction of Lanthanide Oxides with Phosphate Solution
T. Kubota, and T. Sasaki*
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16. “Nuclear Engineering Laboratory 2” in 2022 - In-air PIXE and RBS -
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T. Takemura¹ (TA), Y. Hideshima¹ (TA), H. Tsuchida^{1,2}, and M. Saito^{1,2}
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Y. Fujimoto, H. Nakazawa, and K. Nakajima
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K. Kinomura, T. Taneichi, and K. Nakajima
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N. Yamada, T. Taneichi, K. Kinomura, H. Nakazawa, K. Nakajima
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H. Matsui, K. Tanaka, and K. Fujita
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Y. Isoda, D. Kan, T. Majima^{*}, and Y. Shimakawa
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K. Hara, H. Ohmoto, T. Tanaka, K. Saito, and S. Ochiai,
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25. Development of TOF-ERDA System and Application to ASSLB Measurements
C. Hasegawa¹, K. Yasuda¹, T. Majima²
¹Grad. Sch. Life and Environ. Sci., Kyoto Pref. Univ., ²Dept. Nucl. Engng.
26. Operando and Li Depth Analysis of LMO-LATP-Ge Lithium-Ion Battery by Means of
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K. Morita¹, B. Tsuchiya², R. Ye³, H. Tsuchida⁴, and T. Majima⁴
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27. Detailed Procedure of Measurement of Rutherford Backscattering Spectroscopy with
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H. Minagawa, J. Maekawa, and H. Tsuchida^{*}
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28. Characterization of Airborne Particulate Matter Collected in Industrial Area in Indonesia
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