

1. Delayed Fragmentation of Doubly Ionized Hydrocarbon Molecules Induced by Fast Heavy-ion Irradiation
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2. Influence of Incident Carbon Cluster Size on Secondary Ion Yield from Biomolecules on Graphene
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3. Study on the Damage Process of Nucleotide Molecules in Multi-ion Irradiation
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4. Concentration Dependence of Negative Secondary Ion Yields Emitted from Microdroplets of Water-methanol Mixtures by Fast Heavy-ion Collisions
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5. Thickness Measurement of Methanol Thin Film Using RBS
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6. Response Characteristics of GaN Semiconductor Detectors Used for the Detection of Single Ion Hits for MeV Energy Heavy Ions
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7. Heavy Ion Irradiation Effects on All-solid-state Lithium-ion Batteries in TOF-ERDA Measurements
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9. MeV-SIMS Analysis of Negative Electrode Surface of Lithium Ion Battery
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10. Impact Processes and Atomisation of Droplets on Small-area Hot Walls
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Z. Kawara, T. Yokomine, Y. Kawasaki
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17. Effect of Carbonate on the Solubility of Lanthanide Oxides in Phosphate Solution
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18. “Nuclear Engineering Laboratory 2” in 2023 - In-air PIXE and RBS -
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K. Kinomura, S. Kinoshita, R. Tsukishima, and K. Nakajima
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21. An Attempt to Determine the Proton Energy to Evaluate Nitrogen Compositions of
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Y. Isoda¹, D. Kan¹, S. Nakamizo², T. Majima², Y. Shimakawa¹
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24. Interaction of Defects with Hydrogen and Helium in SUS316L
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25. Experimental Physics Program A5 (2023) at the School of Science
M. Dozono, L. Wimmer, M. Ichikawa, Y. Nishikawa, R. Ishitani, K. Ohizumi,
N. Nakamoto, S. Shimoe, S. Kanai, K. Nakamura, S. Nakamura, S. Narumi,
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26. Increasing of Solid Angle and Improvement of Detection Efficiency for TOF-ERDA
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27. Behaviors of H, D, and Li in Water-soaked LATP Solid Electrolytes at Room
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28. Li Concentration Change around Cu/LiPON Interface Measured by TOF-ERDA
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