

## Список научных публикаций с 2020-2024 гг.

Зинатулиной Д.Р.

- 1) The Monument experiment: ordinary muon capture studies for  $0\nu\beta\beta$  decay; Gabriela R. Araujo, Dhanurdhar Bajpai, Laura Baudis, Viacheslav Belov, Elisabetta Bossio et al. Eur.Phys.J.C 84 (2024) 11, 1188
- 2) Searches for new physics below twice the electron mass with GERDA; GERDA Collaboration: M. Agostini et al. Eur.Phys.J.C 84 (2024) 9, 940
- 3) Development of a Scintillation Muon Shield for Low-Background Experiments; E.A. Shevchik, D.R. Zinatulina, V.V. Belov, V.B. Brudanin, K.N. Gusev et al. Phys.Part.Nucl.Lett. 21 (2024) 2, 161-169
- 4) The LEGEND-200 Liquid Argon Instrumentation: From a simple veto to a full-fledged detector; LEGEND Collaboration: Rosanna Deckert et al. PoS TAUP2023 (2024) 256
- 5) Study of polystyrene based scintillator ageing in the DANSS experiment DANSS Collaboration: I. Alekseev et al., JINST 19 (2024) 04, P0403
- 6) Measurements of ordinary muon capture rates on Mo100 and natural Mo for astro-antineutrinos and double- $\beta$  decays I.H. Hashim, N.N.A.M.A. Ghani, F. Othman, R. Razali, Z.W. Ng et al. Phys.Rev.C 108 (2023) 1, 014618
- 7) Liquid Argon Instrumentation and Monitoring in LEGEND-200; Mario Schwarz, Patrick Krause, Andreas Leonhardt, Laszlo Papp, Stefan Schönert et al. EPJ Web Conf. 253 (2021) 11014
- 8) Construction of the Gaseous and Solid-State Targets for the Muon Capture Measuring System in  $^{130}\text{Xe}$ ,  $^{82}\text{Kr}$ , and  $^{24}\text{Mg}$  V.V. Belov, V.B. Brudanin, K.N. Gusev, V.G. Egorov et al. (Nov 22, 2020), Phys.Part.Nucl.Lett. 17 (2020) 6, 848-855
- 9) Results from a prototype TES detector for the Ricochet experiment; Ricochet Collaboration: C. Augier et al. Nucl.Instrum.Meth.A 1057 (2023) 168765
- 10) Liquid argon light collection and veto modeling in GERDA Phase II; GERDA Collaboration: M. Agostini et al., Eur.Phys.J.C 83 (2023) 4, 319

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