

List of Neutron Wall publications

Peer-reviewed Articles

- [1] Ö. Skeppstedt et al., *The EUROBALL Neutron Wall – design and performance tests of neutron detectors*, Nuclear Instruments and Methods A 421 (1999) 531.
- [2] D. Rudolph et al., *Gamma-decay lifetime measurements in the second minimum of ^{58}Cu* , Physical Review C 63 (2001) 021301.
- [3] C. Fahlander et al., *Excited states in ^{103}Sn : Neutron single-particle energies with respect to ^{100}Sn* , Physical Review C 63 (2001) 021307.
- [4] G. de Angelis et al., *Coulomb energy differences between isobaric analogue states in ^{70}Br and ^{70}Se : Identification of excited states of the $T_z = 0$ nucleus ^{70}Br* , European Physical Journal A 12 (2001) 51.
- [5] S. M. Lenzi et al., *Coulomb energy differences in $T = 1$ mirror rotational bands in ^{50}Fe and ^{50}Cr* , Physical Review Letters 87 (2001) 122501.
- [6] D. Rudolph et al., *The lifetime of the proton-decaying 8915 keV state in ^{58}Cu* , Nuclear Physics A 694 (2001) 132.
- [7] K. Lagergren et al., *Evidence for excited states in ^{95}Ag* , European Physical Journal A 14 (2002) 393.
- [8] D. Sohler et al., *Neutron excitations across the $N = 50$ shell gap in ^{102}In* , Nuclear Physics A 708 (2002) 181.
- [9] E. Farnea et al., *Isospin mixing in the $N = Z$ nucleus ^{64}Ge* , Physics Letters B 551 (2003) 56.
- [10] D. Sohler et al., *First identification of excited states in the $T_z = 1/2$ nucleus ^{93}Pd* , European Physical Journal A 19 (2004) 169.
- [11] J. Ljungvall, M. Palacz, and J. Nyberg, *Monte Carlo simulations of the Neutron Wall detector system*, Nuclear Instruments and Methods A 528 (2004) 741.
- [12] O. Izotova et al., *Survey of $E1$ transitions in the mass $A \sim 60$ region*, Physical Review C 69 (2004) 37303.
- [13] A. Blazhev et al., *Observation of a core-excited $E4$ isomer in ^{98}Cd* , Physical Review C 69 (2004) 64304.
- [14] D. Sohler et al., *Maximally aligned states in the proton drip line nucleus ^{106}Sb* , Nuclear Physics A 753 (2005) 251.
- [15] M. Bentley et al., *High-spin spectroscopy of natural and unnatural parity states in the mirror-pair $^{45}\text{V}/^{45}\text{Ti}$* , Physical Review C 73 (2006) 024304.
- [16] A. Gadea et al., *Observation of ^{54}Ni : Cross-Conjugate Symmetry in $f_{7/2}$ Mirror Energy Differences*, Physical Review Letters 97 (2006) 152501(5).

- [17] K. Andgren et al., *Low-spin collective behavior in the transitional nuclei $^{86,88}\text{Mo}$* , Physical Review C 76 (2007) 014307.
- [18] P.-A. Söderström, J. Nyberg, and R. Wolters, *Digital pulse-shape discrimination of fast neutrons and γ rays*, Nuclear Instruments and Methods A 594 (2008) 79.
- [19] A. Chatterjee et al., *1n and 2n transfer with the borromean nucleus ^6He near the Coulomb barrier*, Physical Review Letters 101 (2008) 032701.
- [20] E. Ronchi et al., *An artificial neural network based neutron-gamma discrimination and pile-up rejection framework for the BC-501 liquid scintillation detector*, Nucl. Instr. and Meth. A 610 (2009) 534.
- [21] A. Lemasson et al., *Reactions with the double-Borromean nucleus ^8He* , Phys. Rev. C 82 (2010) 044627.
- [22] A. Lemasson et al., *Pair and single neutron transfer with Borromean ^8He* , Phys. Lett. B 697 (2011) 454 .
- [23] B. Cederwall et al., *Evidence for a Spin-Aligned Neutron-Proton Paired Phase from the Level Structure of ^{92}Pd* , Nature (469) (2011) 68.

Peer-reviewed Articles in Conference Proceedings

- [1] M. Palacz et al., *Investigations of neutron deficient nuclei close to ^{100}Sn with EUROBALL*, Acta Physica Polonica B 32 (2001) 999.
- [2] A. Gadea et al., *Spectroscopy of heavy $N = Z$ nuclei with GASP and EUROBALL*, Acta Physica Polonica B 34 (2003) 2429.
- [3] J. Ljungvall, M. Palacz, and J. Nyberg, *A Monte Carlo simulation of the EUROBALL Neutron Wall detector system: how to identify scattered neutrons*, Acta Physica Polonica B 34 (2003) 2453.
- [4] M. Assie et al., *Neutron correlations in ^6He viewed through nuclear break-up*, Eur. Phys. J. A 42 (2009) 441, 5th International Conference on Exotic Nuclei and Atomic Masses (ENAM'08), Ryn, POLAND, SEP 07-13, 2008.
- [5] M. Assie et al., *Neutron Correlations in ^6He Viewed Through Nuclear Break-up*, Mod. Phys. Lett. A 25 (2010) 1846, International Symposium on Frontiers of Researches in Exotic Nuclear Structures, Tokamachi, Japan, Mar 01-04, 2010.