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Lista de publicatii / List of publications (2011 - 2016)

I. Articole / Articles

- 1) D. Bucurescu, E. Dragulescu, S. Pascu, H-F.Wirth, D. Fililpescu, G. Căta-Danil, I. Căta-Danil, D. Deleanu, K. Eppinger, T. Faestermann, D.G. Ghita, T. Glodariu, R. Hertenberger, M. Ivașcu, R. Krücken, N. Mărginean, R. Mărginean, C.Mihai, A. Negret, T. Sava, L. Stroe, K. Wimmer, N.V. Zamfir,
“Excited states of the ^{150}Pm odd-odd nucleus”,
Physical Review C85(2012)017304
- 2) R. Mărginean, C. Rusu, N. Mărginean, D. Bucurescu, C. A. Ur, G. de Angelis, M. Axiotis, D. Bazzacco, E. Farnea, A. Gadea, M. Ionescu-Bujor, A. Iordăchescu, W. Krolas, Th. Kröll, S. M. Lenzi, S. Lunardi, D. R. Napoli, C. Rossi Alvarez, J. Wrzesinski,
“High-spin structure of ^{95}Pd ”,
Physical Review C86(2012)034339
- 3) D. Bucurescu, N.V. Zamfir, “Fine structure in alpha decay of even-even trans-lead nuclei: An insufficiently exploited spectroscopic tool”,
Physical Review C86(2012)067306
- 4) C.Bernards, R.F.Casten, V.Werner, P. von Brentano, D.Bucurescu, G.Graw, S.Heinze, R.Hertenberger, J.Jolie, S.Lalkovski, D.A.Meyer, D.Mucher, P.Pejovic, C.Scholl, H.-F.Wirth,
“Investigation of 0^+ states in ^{198}Hg after two-neutron pickup”,
Physical Review C87(2013)024318
- 5) C.Bernards, R.F.Casten, V.Werner, P. von Brentano, D.Bucurescu, G.Graw, S.Heinze, R.Hertenberger, J.Jolie, S.Lalkovski, D.A.Meyer, D.Mucher, P.Pejovic, C.Scholl, H.-F.Wirth,
“High resolution study of excited 0^+ states in ^{200}Hg and ^{202}Hg ”,
Physical Review C87(2013)064321
- 6) D.Bucurescu, N.V.Zamfir, “New nuclear structure features in transactinide nuclei”,
Physical Review C87(2013)054324
- 7) M.Spieker, D.Bucurescu, J.Endres, T.Faestermann, R.Hertenberger, S.PAスク, S.Skalacki, S.Weber, H.-F.Wirth, N.-V.Zamfir, A.Zilges, “Possible experimental signature of octupole correlations in the 0_2^+ states of the actinides”,
Physical Review C88(2013)041303(R)
- 8) A.Negret, C.Borcea, D.Bucurescu, D.Deleanu, Ph.Desagne, D.Filipescu, D.Ghita, T.Glodariu, M.Kerveno, N.Mărginean, R.Mărginean, C.Mihai, S.Pascu, A.J.M.Plompen, T.Sava, L.Stroe,
“Cross sections for inelastic scattering of neutrons on ^{28}Si and comparison with the $^{25}\text{Mg}(\alpha,\text{n})^{28}\text{Si}$ reaction”,
Physical Review C88(2013)034604

9) M.Ionescu-Bujor, A.Iordăchescu, N.Mărginean, R.Lica, D.Bucurescu, F.Brandolini, D.Deleanu, D.Filipescu, I.Gheorghe, D. Ghiță, T.Glodariu, R.Mărginean, N.H.Medina, C.Mihai, A.Negret, L.Stroe, C.A.Ur, “Low and medium spin structure of ^{130}La ”,
Physical Review C90(2014)014323

10) M.Laskin, R.F.Casten, A.O.Macchiavelli, R.M.Clark, D.Bucurescu, “On the population od the Giant Pairing Vibration”, ***Physical Review C***93(2016)034321

11) S.Kisyov, D.Bucurescu, J.Jolie, S.Lalkovski, “Algebraic approach to the structure of the low-lying states in A≈100 Ru isotopes, ***Physical Review C***93(2016)044308

II. Proceedings Conferinte Internationale / International Conference Proceedings:

1) T. von Egidy, D. Bucurescu, “Statistical nuclear properties (level densities, spin distributions)”, International Conference “Advanced many-body and statistical methods in mesoscopic systems”, Constanta 2011,
J. Phys. Conference Series 338(2012)012028

2) D.Bucurescu, N.V.Zamfir, “Fine structure of alpha decay of even-even trans-lead nuclei – an intriguing nuclear structure paradigm”, Int. Summer School for Advanced Studies 'Dynamics of open nuclear systems' (Predeal12),

Journal of Physics: Conference Series 413(2013)012010

3) T. von Egidy, D. Bucurescu, “Predictions of nuclear level densities”, comunicare la cea de a 15-a Conferinta Internationala CGS15 (Dresda, August 2014), ***EPJ Web of Conferences*** 93(2015)06003 (DOI: 10.1051/epjconf/20159306003).

4) M.Spieker, S.Pascu, D.Bucurescu, T.Faestermann, R.Hertenberger, H.-F.Wirth, N.-V.Zamfir, A.Zilges, “Octupole correlations in positive-parity states of rare-earth and actinide nuclei”, comunicare la cea de a 15-a Conferinta Internationala CGS15 (Dresda, August 2014), ***EPJ Web of Conferences*** 93(2015)01009 (DOI: 10.1051/epjconf/20159301009)