

Listă de lucrări

Articole

1. A. Neacsu, **V.A. Sevestrean**, and S. Stoica*, FRONTIERS IN PHYSICS **9**, 10.3389/fphy.2021.666591 (2021).
(JIF 2021=3.718; AIS 2021= 0.891)
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 - (a) S. Umehara, and H. Ejiri, UNIVERSE **10**, 6, 10.3390/universe10060247 (2021)
2. **V. A. Sevestrean**, O. Nitescu*, S. Ghinescu, and S. Stoica, PHYSICAL REVIEW A **108**, 10.1103/PhysRevA.108.012810 (2023).
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 - (a) A. Ravlic, P. Schwerdtfeger, and W. Nazarewicz, PHYSICAL REVIEW C **111** 6, 10.1103/n6d8-cmcg (2025)
 - (b) O. Nițescu, S. Ghinescu, S. Stoica, and F. Šimkovic Universe **10** 2, 10.3390/universe10020098 (2024)
3. **V. A. Sevestrean**, and S. Stoica*, SYMMETRY-BASEL **16**, 10.3390/sym16040390 (2024).
(JIF 2024=2.2; AIS 2024= 0.393)
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4. Z. Ge, T. Eronen, M. Ramalho, A. de Roubin, D. A. Nesterenko, A. Kankainen, O. Beliuskina, R. de Groote, S. Geldhof, W. Gins, M. Hukkanen, A. Jokinen, A. Koszorus, J. Kotila, J. Kostensalo, I. D. Moore, P. Pirinen, A. Raggio, S. Rinta-Antila, **V. A. Sevestrean**, J. Suhonen, V. Virtanen, and A. Zadvornaya, EUROPEAN PHYSICAL JOURNAL A **60**, 10.1140/epja/s10050-024-01317-3 (2024).
(JIF 2024=2.8; AIS 2024= 0.737)

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5. Z. Ge, T. Eronen, **V. A. Sevestrean***, O. Nurescu, S. Stoica, M. Ramalho, J. Suhonen*, A. de Roubin, D. Nesterenko, A. Kankainen, P. Ascher, S. A. S. Andres, O. Beliuskina, P. Delahaye, M. Flayol, M. Gerbaux, S. Grevy, M. Hukkanen, A. Jaries, A. Jokinen, A. Husson, D. Kahl, J. Kostensalo, J. Kotila, I. Moore, S. Nikas, M. Stryczyk, and V. Virtanen, PHYSICS LETTERS B **859**, 10.1016/j.physletb.2024.139094 (2024).
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- (b) J. Ruotsalainen, A. Jaries, M. Stryczyk, A. Kankainen, B. Andel, M. Araszkiwicz, O. Beliuskina¹, A. M. Bruce, S. Cannarozzo, et al., PHYSICAL REVIEW C **112** 6, 064302, 10.1103/kkszh-prtb (2025)
6. O. Nurescu, S. Ghinescu, **V. A. Sevestrean**, M. Horoi, F. Simkovic, and S. Stoica*, JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS **51**, 10.1088/1361-6471/ad8767 (2024).
(JIF 2024=3.5; AIS 2024= 0.915)
- (a) J. Aalbers¹, D. S. Akerib, A. K. Al Musalhi, F. Alder, C. S. Amarasinghe, A. Ames, T. J. Anderson, N. Angelides, H. M. Araújo, et al. (LZ Collaboration), PHYSICAL REVIEW D **112** 1, 012024,10.1103/447w-94h3 (2025)
- (b) J. Xu, J. Kim, B. Lenardo, C. E. Dahl, R. L. Mannino, G. M. Blockinger, C. A. Hardy, D. Adams, C. S. Amarasinghe, et al., PHYSICAL REVIEW D **112** 1, 012014, 10.1103/8bdr-6njs (2025)
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- (d) O. Niurescu, and F. Šimkovic, PHYSICAL REVIEW C **111** 2, 024307, 10.1103/PhysRevC.111.024307 (2025)
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Proceedings

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2. **V. A. Sevestrean**, O. Nițescu, Ș. Ghinescu, S. Stoica, "L-Shell capture dominance in ^{127}Xe , ^{207}Bi and ^{236}Np ". AIP Conf. Proc. 18 September 2024; 3138 (1): 020017. <https://doi.org/10.1063/5.0214587>
3. **V. A. Sevestrean**, O. Nițescu, Ș. Ghinescu "Low-Q Electron-Capture Decays of ^{95}Tc and ^{97}Tc as Candidates for Neutrino-Mass Determination" PoS(MEDEX2025)012; 31 October 2025; <https://doi.org/10.22323/1.495.0012>

Semnătură