

Lista de publicatii WoS AIS/Q2 (with corresponding author underlined)

- [1] V. Avrigeanu and M. Avrigeanu, *Charged-particle optical potentials tested by first direct measurement of the $59\text{Cu}(p,\alpha)56\text{Ni}$ reaction*, Phys. Rev. C **106**, 024615 (2022), doi:10.1103/PhysRevC.106.024615; <https://doi.org/10.1103/PhysRevC.106.024615> [AIS Q2]
- [2] V. Avrigeanu and M. Avrigeanu, *Consistent assessment of neutron-induced activation of ^{93}Nb* , Front. Phys. **11**, 1142436 (2023), <https://doi.org/10.3389/fphy.2023.1142436> (part of the *Research Topic on Nuclear Data for Fusion Technology from Basic Research to Full-Scale Applications*, <https://www.frontiersin.org/research-topics/39045/nuclear-data-for-fusion-technology-from-basic-research-to-full-scale-application>) [AIS Q2]
- [3] V. Avrigeanu and M. Avrigeanu, *Constrained model assumptions using recent data of α -particle reactions on ^{144}Sm* , Front. Phys. **12**, 1247311 (2023), <https://doi.org/10.3389/fphy.2023.1247311> (part of the *Research Topic on Cross Section Data of Interest for Nuclear Astrophysics: Experimental and Theoretical Status, and Perspectives*. <https://www.frontiersin.org/research-topics/51270/cross-section-data-of-interest-for-nuclear-astrophysics-experimental-and-theoretical-status-and-perspectives#overview>) [AIS Q2]
- [4] M. Avrigeanu and V. Avrigeanu, *Giant Quadrupole Resonances within neutron-induced alpha-particle emission?*, Phys. Lett. B **858**, 139078 (2024), doi: [10.1016/j.physletb.2024.139078](https://doi.org/10.1016/j.physletb.2024.139078) [AIS Q1]

Lista de publicatii indexate WoS

- [5] V. Avrigeanu and M. Avrigeanu, *Additional reaction mechanisms to statistical alpha-emission and the related optical-potential validation*, EPJ Web of Conf. **284**, 07001 (2023), [oral talk at *15th International Conference on Nuclear Data for Science and Technology (ND2022)*, July 25-29, 2022, Sacramento, California, US], <https://doi.org/10.1051/epjconf/202328407001>
- [6] V. Avrigeanu and M. Avrigeanu, *Possible evidences for Giant Quadrupole Resonances within neutron-induced alpha-particle emission*, EPJ Web of Conf. (https://conferences.iaea.org/event/368/papers/31753/files/12859-VA_CNR.tex, submitted, Oct. 2024) [*7th Int. workshop on Compound-Nuclear Reactions and Related Topics (CNR*24)*, 8-12 July 2024, Vienna, Austria]