

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

- [1] M. Avrigeanu and V. Avrigeanu, *Optical potential for incident and emitted low-energy alpha particles. III. Non-statistical processes induced by neutrons on Zr, Nb, and Mo nuclei*, Phys. Rev. C **107**, 034613 (2023).
- [2] M. Avrigeanu and V. Avrigeanu, *Structural material nuclear data basic research*, Front. Phys. **11**, 1172697 (2023), <https://doi.org/10.3389/fphy.2023.1172697> (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>)
- [3] M. Avrigeanu, E. Simeckova, J. Mrazek, C. Costache, and V. Avrigeanu, *Modeling of deuteron-induced reactions on molybdenum at low energies* (submitted for publication in Phys. Rev. C, Nov. 1st, 2023)

Lista de publicatii indexate WoS

- [4] M. Avrigeanu and V. Avrigeanu, *Role of direct interactions in (d,p) and (d,2p) reactions*, submitted to EPJ Web of Conf. (14.10.2022); oral talk at [Int. Conf. on Nucl. Data for Sci. and Tech. \(ND2022\), July 25-29, 2022, Sacramento, California, US](#); EPJ Web of Conf. **284**, 03006 (2023), <https://doi.org/10.1051/epjconf/202328403006>
- [5] M. Avrigeanu and V. Avrigeanu, *Due consideration of the breakup and direct reaction mechanisms within (d,p), (d,2p), (d,xn2p), and (d,xn) reactions*, main oral talk at *16th Varenna Conference on Nuclear Reaction Mechanisms (NRM2023)*, Varenna, Italy, June 11-16, 2023, F. Cerutti and T. Kawano (Eds.), <https://indico.cern.ch/event/1132769/>; EPJ Web of Conf. (accepted, Oct. 2023)