Lista de publicatii, participari la conferinte, *meeting*-uri (with corresponding author underlined)

Lista de publicatii (WoS AIS/Q2)

[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 Aapplications,* 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)

Participari la conferinte

[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)

Meetings

[6] M. Avrigeanu and V. Avrigeanu, *Progress report on analysis of deuteron-induced reactions on structural materials,* Report EFFDOC-1473, OECD/NEA JEFF Meeting, April 26, 2022, https://www.oecd-nea.org/dbdata/nds_effdoc/effdoc-1473.pdf

[7] M. Avrigeanu and V. Avrigeanu, *Progress report on analysis of deuteron-induced reactions on structural materials,* Report EFFDOC-1487, OECD/NEA JEFF Meeting, Nov. 24, 2022, https://www.oecd-nea.org/dbdata/nds_effdoc/effdoc-1487.pdf

[8] M. Avrigeanu and V. Avrigeanu, *Progress report on analysis of deuteron-induced reactions on structural materials,* Report EFFDOC-1504, OECD/NEA JEFF Meeting, April 24, 2023, https://www.oecd-nea.org/dbdata/nds_effdoc/effdoc-1504.pdf

[9] M. Avrigeanu and V. Avrigeanu, *Progress report on analysis of deuteron-induced reactions on structural materials,* Report EFFDOC-1519, OECD/NEA JEFF Meeting, Nov. 27, 2023, https://www.oecd-nea.org/dbdata/nds_effdoc/effdoc-1519.pdf