

PhD. Student Daniel Ilie PETRESCU
List of papers that include data from the thesis

PAPERS LIST (ISI)

1. D. Petrescu, F. Golgovici, I. Demetrescu, M. Corban, O. Brincoveanu, Effect of Oxygen Concentration on the Corrosion Behaviour of Coated and Uncoated 316L Stainless Steel in Liquid Lead, *Applied Sciences*, 2025. <https://doi.org/10.3390/app151910572>;

IF₂₀₂₄=2,5.

2. D. Petrescu, A. Nițu, F. Golgovici, I. Demetrescu, M. Corban, Behaviour Aspects of an EB-PVD Alumina (Al₂O₃) Film with an Interlayer (NiCrAlY) Deposited on AISI 316L Steel Investigated in Liquid Lead, *Metals*, 13, 616, 2023. <https://doi.org/10.3390/met13030616>;

IF₂₀₂₄=2,5.

3. D. Petrescu, M. Fulger, F. Golgovici, I. Demetrescu, Addressing some issues encountered in liquid lead corrosion tests of candidate materials for future nuclear reactors, *UPB Sci. Bull., Series B*, Vol. 84, 2022. https://www.scientificbulletin.upb.ro/static/pdfs/rez24c_757759.pdf;

IF₂₀₂₄=0,5.

PAPERS LIST (BDI)

1. D. Petrescu, L. Velciu, Chemical cleaning of solidified lead from 316 austenitic steel – a candidate structural material for lead-cooled fast reactors, *EMERG, An V*, vol. 12, ISSN 2668-7003, 2019. <https://emerg.ro/wp-content/uploads/2019/12/7-min.pdf>.