

Listă lucrări:

- "Structural and Magnetic Properties of the Mn₅₀Al₄₆Ni₄ alloy", **S. Mican, R. Gavrea, B.V. Neamtu, M. Coldea, V. Pop.** STUDIA PHYSICA - Ediția nr.1 din 2014, pg 83.
- "Structural, Electronic and Magnetic Properties of the Mn₅₀Al₄₆Ni₄ Alloy", **Sever Mican, Diana Benea, Razvan Hirian, Radu Gavrea, Olivier Isnard, Viorel Pop and Marin Coldea,** Journal of Magnetism and Magnetic Materials, Vol 401, 841-847 (2016).
- "Structural, electronic and magnetic properties of the Mn_{54-x}Al₄₆Ti_x (x = 2; 4) alloys“, **R. Gavrea, R.Hirian, S. Mican, D. Benea, O. Isnard, M. Coldea and V. Pop** INTERMETALLICS 2017 Volume: 82 Pages: 101-106
- "Influence of the Cu doping on the Electronic Structure and Magnetic Properties of the Mn₂VAl Heusler compound" , **R. Gavrea, A. Bolinger, V. Pop, O. Isnard, M. Coldea and D. Benea** PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS 2017 Volume: 254 Pages:1-7
- "Effect of Co for Mn substitution on the electronic properties of Mn_{2-x}Co_xVAl as probed by XPS", **R. Gavrea, C. Leostean, M. Coldea, O Isnard, V. Pop and D. Benea** INTERMETALLICS 2018 Volume: 93 Pages: 155-161
- "Reduction of the substitutional disorder by heat treatments in Mn_{2-x}Co_xVAl Heusler alloys", **Gavrea, R; Coldea, M; Barbu-Tudoran, L; Isnard, O; Pop, V; Benea, D.** POWDER METALLURGY AND ADVANCED MATERIALS, 2018, Volume: 8 Pages: 219-227
- " Half-metallic compensated ferrimagnetism in the Mn-Co-V-Al Heusler alloys", **D. Benea, R. Gavrea, Coldea, M, O Isnard, V. Pop;** Journal of Magnetism and Magnetic Materials, 2019 Volume 475,Pages 229-233