

Portofoliu de 10 lucrări științifice considerate relevante de către candidat, elaborate în domeniul de doctorat vizat

| Număr | Articole științifice considerate relevante | Factor de impact |
|-------|--|------------------|
| 1. | R. Ianoş , R. Lazău, S. Borcănescu, R. Băbuță, <u>Single-step combustion synthesis of LaAlO₃ powders and their sintering behavior</u> . Ceram. Int. 40 (2014) 7561–7565. | 2.605 |
| 2. | R. Ianoş, P. Barvinschi, Solution combustion synthesis of calcium zirconate, CaZrO ₃ , powders. J. Solid State Chem. 183 (2010) 491–496. | 2.133 |
| 3. | R. Ianoş , S. Borcănescu, R. Lazău, <u>Large surface area ZnAl₂O₄ powders prepared by a modified combustion technique</u> . Chem. Eng. J. 240 (2014) 260–263. | 4.321 |
| 4. | R. Ianoş , M. Bosca, R. Lazău, <u>Fine tuning of CoFe₂O₄ properties</u> prepared by solution combustion synthesis. Ceram. Int. 40 (2014) 10223–10229. | 2.605 |
| 5. | R. Ianoş, <u>Highly sinterable cobalt ferrite particles prepared by a modified solution combustion synthesis</u> . Mater. Lett. 135 (2014) 24–26. | 2.489 |
| 6. | R. Ianoş , A. Tăculescu, C. Păcurariu, I. Lazău, <u>Solution</u> combustion synthesis and characterization of magnetite, Fe ₃ O ₄ , nanopowders. J. Amer. Ceram. Soc. 95 (2012) 2236–2240. | 2.610 |
| 7. | R. Ianoş, C. Păcurariu, G. Mihoc, <u>Magnetite/carbon</u> nanocomposites prepared by an innovative combustion synthesis technique — Excellent adsorbent materials. Ceram. Int. 40 (2014) 13649-13657. | 2.605 |
| 8. | R. Ianoş , R. Lazău, R.C. Boruntea, <u>Solution combustion synthesis of bluish-green BaAl₂O₄: Eu²⁺, Dy³⁺ phosphors</u> . Ceram. Int. 41 (2015) 3186–3190. | 2.605 |
| 9. | R. Ianoş , R. Lazău, I. Lazău, C. Păcurariu, <u>Chemical oxidation of residual carbon from ZnAl₂O₄ powders prepared by combustion synthesis</u> . J. Eur. Ceram. Soc. 32 (2012) 1605–1611. | 2.947 |
| 10. | R. Ianoş , E.A. Tăculescu (Moacă), C. Păcurariu, D. Niznansky, γ- Fe ₂ O ₃ nanoparticles prepared by combustion synthesis, followed by chemical oxidation of residual carbon with H ₂ O ₂ . Mater. Chem. Phys. 148 (2014) 705–711. | 2.259 |



















