

**PhD. Student: Eng. Marius-George PÂRVAN**  
**List of papers that include data from the thesis**

**PAPERS LIST**

1. **Marius-George Parvan**, Georgeta Voicu, Alina-Ioana Badanoiu, Adrian-Ionut Nicoara and Eugeniu Vasile, CO<sub>2</sub> Sequestration in the Production of Portland Cement Mortars with Calcium Carbonate Additions, *Nanomaterials* 11, 2021; **I.F. – 5.719;**
2. **Marius-George Parvan**, Georgeta Voicu, Alina-Ioana Bădănoiu, Study of hydration and hardening processes of self-sensing cement-based materials with carbon black content, *Journal of Thermal Analysis and Calorimetry* 139, 2020; **I.F. – 4.626;**
3. **Marius-George Parvan**, Georgeta Voicu, Oana-Cătălina Mocioiu, Cristian Hornoiu, Cementitious composites containing barium titanate for obtaining of some smart structures, *Romanian Journal of Materials*, 50 (3), 2020; **I.F. – 0.563;**
4. **Marius-George Parvan**, Georgeta Voicu, Alina-Ioana Bădănoiu, Victor Opreșan Fruth, Self-sensing Piezoresistive Composites Based on Cement Incorporating Low Dosage of Carbon Black Used as Multifunctional Construction Materials, *Revista de Chimie* 71 (5), 2020;
5. **Marius-George Parvan**, Andrei-Vlad Zanzfir, Adrian-Ionut Nicoara, Georgeta Voicu. Influence of Different Synthesis Routes on Barium Titanate Powder Characteristics, *U.P.B. Sci. Bull., Series B*, 83, 2021.

**SCIENTIFIC MEETINGS ATTENDED**

1. **Marius-George Pârvan**, Self-sensing piezoresistive composites based on cement incorporating low dosage of carbon black used as multifunctional construction materials, *ICAMS 2020: the 8<sup>th</sup> International Conference on Advanced Materials and Systems*, 01-03.10.2020, Bucharest, Romania;
2. **Marius-George Pârvan**, Cementitious composites containing barium titanate for real time damage assessment in smart structures, *SICHEM 2020: International Chemical Engineering and Material Symposium*, 17-18.09.2020, Bucharest, Romania;