Papers published in ISI Journals

1. **C. A. Vîjan**, A. Bădănoiu, G. Voicu, A. I. Nicoară, Coatings Based on Phosphate Cements for Fire Protection of Steel Structures, Materials , vol. 14, no. 20, p. 6213, 2021.
2. **C. A. Vîjan**, A. Bădănoiu, G. Voicu, A.I. Nicoară, Phosphate Cements Based on Calcined Dolomite: Influence of Calcination Temperature and Silica Addition, Materials, vol. 14, no.14 p. 3838, 2021.
3. **C. A. Vîjan**, A. Bădănoiu, A.I. Nicoară, I. Barcan, Effect of lead and nickel on the hardening processes and properties of phosphate cements, Romanian Journal of Materials, vol. 50, no. 4, pp. 510 - 520, 2020.
4. **C. A. Vîjan**, A. Bădănoiu, The influence of potassium phosphate and fly ash addition on the setting time and mechanical strengths of magnesium phosphate cements, U.P.B. Sci. Bull, vol. 82, no. 3, pp. 21-32, 2020.

Presentations

5. **C. A. Vîjan**, A. Bădănoiu, I. Barcan, Calcium magnesium phosphate cements for toxic waste immobilization, RICCCE ediția 21, Constanța - Mamaia, septembrie, 2019.
6. **C. A. Vîjan**, A. Bădănoiu, A.I. Nicoară, I. Barcan New phosphate cement for the immobilization of hazardous wastes with heavy metals content, SICHEM ediția 25, București, septembrie, 2020.
7. **C. A. Vîjan**, A. Bădănoiu, G. Voicu, Influence of the nature and calcination temperature of oxide component on some properties of phosphate cement, ROMAT, ediția 8, București, noiembrie, 2020.
8. **C. A. Vîjan**, A. Bădănoiu, Mase liante fosfatice pe bază de dolomită calcinată, Sesiunea de Comunicări Științifice, Universitatea Politehnica București, 2021.