

## Papers list

1. **C. L. Oproiu**, G. Voicu, A. I. Nicoară, A. I. Bădănoiu, "The Influence of Partial Substitution of Raw Materials with Heavy Ash on the Main Properties of Portland Cements", Journal of Chemistry, Bucharest, Vol, 69, no, 4, 2018, 860-863 , ***F.I. = 1.755***
2. **C. L. Oproiu**, M. Pârvan, G. Voicu, AI Bădănoiu, "Inertization of an industrial waste rich in chromium in portland composite cements", Romanian Journal of Materials, 2018, 48 (4), 458-466 , ***F.I. = 0.661***
3. **C. L. Oproiu**, A. Nicoara, G. Voicu, A. I. Badanoiu, "The effect of ash resulted in woodbased panels manufacturing process on the properties of Portland cement", U.P.B. Sci, Bull., Series B, Vol, 82, Iss, 1, 2020
4. **C. L. Oproiu**, M.-G. Pârvan, G. Voicu, A.-I. Bădănoiu, R. Truşcă, „Influence of a Chromiumrich Industrial Waste on the Hydration and Hardening Processes of Portland Cements with Slag and Limestone Additions”, Revista de Chimie, Vol,72, no, 2, 2020, 252-271, F.I. = 1.755 (articol submis în 27.06.2019, acceptat spre publicare în 07.08.2019).
5. **C. L. Oproiu**, G. Voicu, A.-I. Bădănoiu, A. I. Nicoară, „The Solidification/Stabilization of Wastewater (From a Landfill Leachate) in Specially Designed Binders Based on Coal Ash”, Materials, Vol,14, Issue 19, no: 5610, 2021, ***F.I. = 3,623***.

## Scientific events attended

1. Conference of Science and Engineering of Oxide Materials - CONSILOX -12, Sinaia, Romania, September 16 - 20, 2016, M. Pârvan, C. Oproiu, G. Voicu, A. Bădănoiu, R. Truşcă, S. Ştefan, "Inertization of an industrial waste containing chromium in a inorganic binder matrix" –poster - presentation
  2. Building materials, constructions and designs of XXI century, St. Petersburg, Russia, 2016, G. Voicu, A. Badanoiu, M.-G. Parvan, C.-L. Oproiu "Inertisation of hazardous of an industrial waste with chromium content in portland cement mortars" – oral presentation
- 3 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 20), September 6-7, 2017, Brasov, Romania, C. Oproiu, G. Voicu, A.-I. Nicoară, A.I. Bădănoiu "Binding properties of masses based on clinker obtained by using fly ash as one component of raw materials" – oral presentation