

## **Publications list Raluca Sanda Aelenii (Komartin)**

### **Articles published in ISI journals::**

- 1) R.S. Komartin, R. Stan, B. Bălănuță, N. Chira & A. Hanganu; Treatment of the oil of *Lallemantia iberica* with activated adsorbents. U.P.B. Sci. Bull. Series B, 2019, Vol. 81, Iss. 4.
- 2) R.S. Komartin, M. Stroescu, N. Chira, R. Stan & A. Stoica-Guzun; Optimization of oil extraction from *Lallemantia iberica* seeds using ultrasound-assisted extraction. Food Measure, 2021, 15, 2010–2020. <https://doi.org/10.1007/s11694-020-00790-w> (IF=3.006)
- 3) R.S. Komartin, B. Bălănuță, M.I. Necolau, A. Cojocaru & R. Stan; Composite materials from renewable resources as sustainable corrosion protection coatings. Polymers, 2021, 13, 3792. <https://doi.org/10.3390/polym13213792> (IF=4.967)

### **Papers presented at national and international conferences:**

- 1) R.S. Komartin, N. Chira, B. Bălănuță, M. Raicopol & R. Stan; Epoxidized *Lallemantia iberica* seed oil for novel ecofriendly composite materials. 20st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 20, 6–9 Septembrie 2017, Poiana Brașov, România.
- 2) R.S. Komartin, B. Bălănuță, R. Stan & A. Hanganu; Anti-corrosion coatings based on crosslinked epoxidized *Lallemantia* oil and lignin. 21st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 21, 4-7 Septembrie 2019, Constanța-Mamaia, România.
- 3) R.S. Komartin, M. Stroescu, N. Chira, R. Stan & A. Stoica-Guzun; *Lallemantia iberica* seeds oil extraction. International Chemical Engineering and Material Symposium, SICHEM 2020, 17-18 Septembrie 2020.
- 4) R.S. Komartin, B. Bălănuță, M. Necolau & R. Stan; Epoxidized vegetable oil for anti-corrosion coatings. 5 th International Conference on Chemical Engineering, ICCE 2020, 28-30 Septembrie 2020, Iași, România.
- 5) R.S. Komartin, B. Bălănuță & R. Stan; Composite materials from epoxidized linseed oil and lignin. International Conference on Smart Materials & Material Engineering", ICSMME 2021, 28-29 Septembrie 2021, Lisabona, Portugalia.