

L I S T A
lucrărilor prezentate la evenimente științifice

M.I. Necolau, **B. Balanuca**, C.M. Damian, H. Iovu

Novel composite materials based on epoxidized vegetable oil and nanocellulose – prezentare orală

5th Virtual Edition of Polymers, Plastics and Composites

15 Noiembrie 2021, Virtual

M.S. Popa, C.M. Damian, **B. Balanuca**, D.M. Panaitescu, R.A. Gabor, C. A. Nicolae, M.F. Raduly, A.N. Frone

Effect of Nanocellulose Type on the Properties of a Bio-Based Epoxy System – prezentare orală

PRIOCHEM 17th Edition

27-29 Octombrie 2021, București, Romania

M.I. Necolau, **B. Balanuca**, C.M. Damian, H. Iovu

Sustainable approach to fabricate epoxy/ nanocellulose composites and their properties - poster

7th Young Polymer Scientists Conference and Short Course

27-28 Septembrie 2021, Virtual

A. Serafim, E. Olaret, **B. Balanuca**, A. M. Onas, J. Ghitman, H. Iovu, I.C. Stancu

Single and Double network systems based on methacryloyl mucin – prezentare orală

European Congress and Exhibition on Advanced Materials And Processes (Euromat2021)

13-17 Septembrie 2021, Virtual

E. Olaret, **B. Balanuca**, A. M. Onas, J. Ghitman, H. Iovu, I. C. Stancu, A. Serafim

Methacryloyl mucin - tannic acid double network hydrogels – prezentare orală

31st Conference of the European Society for Biomaterials (ESB2021)

5-9 Septembrie 2021, Virtual

M.I. Necolau, **B. Balanuca**, C.M. Damian, H. Iovu

Bio-based Epoxy Network–Comparative Study of Different Curing Systems – Young Scientist Science Presentation

2nd Bucharest Polymer Conference (2nd BPC 2021)

9-11 Iunie 2021, București, România

E. Olaret, A. Serafim, **B. Balanuca**, A. M. Onas, J. Ghitman, H. Iovu, I.C. Stancu

Methacryloyl Mucin-Based Single and Double Network Systems – Young Scientist Science Presentation

2nd Bucharest Polymer Conference (2nd BPC 2021)

9-11 Iunie 2021, București, România

R. S. Komartin, **B. Balanuca**, M. Necolau, R. Stan

Epoxidized vegetable oil for anti-corrosion coatings

5th International Conference on Chemical Engineering Romania (ICCE2020)

28-30 Octombrie 2020, Iași, România

B. Balanuca, R. Stan, C.M. Damian, C. Ott

Methacrylated vegetable oil: a useful reactive monomer. Synthesis and harnessing - poster

10th Conference on Green Chemistry and Nanotechnologies in Polymer Chemistry (GCNPM2019)

09 - 11 Octombrie 2019, Riga, Letonia

Brîndușa BĂLĂNUCĂ

R. Stan, **B. Balanuca**

Vegetable Oils as Valuable Feedstock for Performant Materials – keynote presentation

21th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21)

04 - 09 September 2019, Mamaia, Romania

R. S. Komartin, **B. Balanuca**, A. Hanganu, R. Stan

Anti-corrosion coatings based on crosslinked epoxidized Lallemandia oil and lignin – poster

21th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21)

04 - 09 September 2019, Mamaia, Romania

M.I. Necolau, A. M. Paraschiv, C.M. Damian, **B. Balanuca**, H. Iovu

Advanced Studies on Biobased Epoxy Network Curing Reactions and Thermal Properties – poster

21th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21)

04 - 09 September 2019, Mamaia, Romania

B. Balanuca, A. Ghebur, R. Stan, H. Iovu

New Hybrid Materials Based on Functionalized Vegetable Oil and Halloysite – oral presentation

International Conference on Materials Design and Applications 2018 (MDA 2018)

04 - 07 July 2018, Porto, Portugal

B. Balanuca, C. Ott, R. Stan

Absorption et valorisation des graisses provenant des effluents de l'industrie alimentaire – poster

Le 10ème édition du Colloque Franco-Roumain de Chimie Appliquée (COFrRoCA 2018)

27 - 29 June 2018, Bacau, Romania

C. M. Damian, **B. Balanuca**, H. Iovu

Nanocomposite materials reinforced with hybrid layered silicates-graphene oxide structures – poster

3rd International Conference on Biopolymers & Polymer Chemistry

21 - 24 October 2018, Praga, Cehia

R. Stan, **B. Balanuca**, H. Iovu

Vegetable Oil Derived Elastomers Suitable for Osmotic-Driven Drug Release – poster

20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20)

6 - 9 September 2017, Poiana Brasov, Romania

B. Balanuca, R. Runceanu, R. Stan, C. Ott

Methacrylated Vegetable Oils Applied in Recovery of the Residual Lipids from the Food Industry Effluents

20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20)

6 - 9 September 2017, Poiana Brasov, Romania

R. S. Komartin, N. Chira, **B. Balanuca**, M. Raicopol, T. Constantinescu, R. Stan

Epoxidized Lallemandia iberica seed oil for novel ecofriendly composite materials based on renewable resources

20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20)

6 - 9 September 2017, Poiana Brasov, Romania

B. Balanuca, R. Stan, H. Iovu

Design of new camelina oil-based monomers for novel polymeric materials – poster

International Conference on Macromolecular Materials (POLYMAT SPOTLIGHT)

21 - 24 June 2016, San Sebastian, Spain

Brîndușa BĂLĂNUCĂ

B. Balanuca, R. Stan, H. Iovu

New vegetable oil-derived monomers and polymeric materials – oral presentation

46th IUPAC World Polymer Congress – MACRO 2016

17 - 21 July 2016, Istanbul, Turcia

C13. A. Ghebaur, S.A. Garea, **B. Balanuca**, S. Cecoltan, H. Iovu

New Polymer-Clay Controlled Drug Delivery Hybrid Materials – poster

Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 19)

2 - 5 September 2015, Sibiu, Romania

N. Chira, M. Maganu, M. Raicopol, **B. Balanuca**, A. Hanganu, C. Andronescu, R. Stan

Assessment of functionalization degree of vegetable oils for technical applications – poster

Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 19)

2 - 5 September 2015, Sibiu, Romania

A.M. Pandele, C. Andronescu, A. Ghebaur, **B. Balanuca**, A. Mihai, H. Iovu

New injectable biomaterials based on functionalized graphene with potential application for bone repair

Frontiers in polymer science

20 - 22 May 2015, Riva del Garda, Italia

C. Andronescu, M. Raicopol, **B. Balanuca**, A. Hanganu, S. A. Garea, H. Iovu

New synthesis route of benzoxazine monomers from renewable resources – oral presentation

8th ECNP International Conference on Nanostructured Polymers and Nanocomposites

16 -19 September 2014, Dresden, Germania

B. Balanuca, R. Stan, A. Hanganu, A. Lungu, H. Iovu,

Camelina oil – based hydrophilic monomers for novel polymeric materials – oral presentation

The 22nd Annual International Conference on Composites/Nano Engineering (ICCE-22)

13 - 20 July 2014, Saint Julian's, Malta

B. Balanuca, R. Stan, A. Lungu, A. Hanganu, I.C. Stancu, E. Vasile, H. Iovu,

Bio-based Nanocomposites from Modified Vegetable Oil and Three-dimensional Inorganic/ Organic Hybrids - oral presentation

Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 18)

4 - 7 September 2013, Sinaia, Romania

B. Balanuca, R. Stan, A. Lungu, A. Hanganu, H. Iovu

Ecological monomers from vegetable oils used in paint industry – poster

Third International Conference on Multifunctional, Hybrid and Nanomaterials

3 - 7 March 2013, Sorrento, Italia

B. Balanuca, A.M. Croitoru, A. Hanganu, R. Stan, H. Iovu

Valorisation des huiles vegetales par l'obtention des monomeres ecologiques utilises dans l'industrie des peintures

7ème édition du Colloque Franco-Roumain de Chimie Appliquée (CoFrRoCA 2012)

27 - 29 June 2012, Bacau, Romania