

Nume Prenume: Brîndușa BĂLĂNUCĂ

Gradul didactic: Conferențiar

Instituția unde este titular: Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: Inginerie Chimică și Biotehnologii

Departamentul: Chimie Organică "C. Nenițescu"

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

I. TEZA (E) DE DOCTORAT (T)

T1. Brîndușa BĂLĂNUCĂ

Compozite polimerice pe bază de materii prime regenerabile / Polymer Composites based on renewable raw materials

Universitatea POLITEHNICA București

II. CĂRȚI PUBLICATE (C)

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III. ALTE MATERIALE PUBLICATE (I, D)

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IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R, V)

Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate în Baza de date ISI, sau indexate în alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță). Se menționează la fiecare lucrare includerea în Baza ISI [Accession Number, WOS, ultimul Factor Impact, ISSN] și/sau denumirea altei BDI.

IV.1. Articole publicate în reviste de specialitate de circulație internațională recunoscute (cotate/indexate în Baze de date ISI)

Ris1. Balanuca B., Stan R., Hanganu A., Iovu, H

Novel linseed oil-based monomers: synthesis and characterization

University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science 2014, 76(3), 129-140

WOS:000440252300013; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)

Ris2. Balanuca B., Lungu A., Hanganu A., Stan R., Vasile E., Iovu H.

Hybrid nanocomposites based on POSS and networks of methacrylated camelina oil and various PEG derivatives

European Journal of Lipid Science and Technology 2014, 116(4), 458-469

WOS:000333756000012; ISSN: 1438-7697; eISSN: 1438-9312; IF₂₀₂₃=1.8 (Q3)

Ris3. Balanuca B., Lungu A., Conicov I., Stan R., Vasile E., Vuluga D.M., Iovu H.

Novel bio-based IPNs obtained by simultaneous thermal polymerization of flexible methacrylate network based on a vegetable oil and a rigid epoxy

Polymers for Advanced Technologies 2015, 26(1), 19-25

WOS:000346160900003; ISSN: 1042-7147; eISSN: 1099-1581; IF₂₀₂₃=3.1 (Q2)

- Ris4. Balanuca B.**, Stan R., Hanganu A., Lungu A., Iovu H.
Design of new camelina oil-based hydrophilic monomers for novel polymeric materials
Journal of American Oil Chemists Society, 2015, 92(6), 881-891
WOS:000354826300011; ISSN: 0003-021X; eISSN: 1558-9331; IF₂₀₂₃=1.9 (Q3)
- Ris5. Balanuca B.**, Raicopol M., Maljusch A., Garea S., Hanganu A., Schuhmann W., Andronescu C.
Phenolated Oleic Acid Based Polybenzoxazine Derivatives as Corrosion Protection Layers
ChemPlusChem 2015, 80(7), 1170-1177
WOS:000357617800014; ISSN: 2192-6506; IF₂₀₂₃=3 (Q2)
- Ris6.** Raicopol M., **Balanuca B.**, Sliozberg K., Schlüter B., Gârea S.A., Chira N., Schuhmann W., Andronescu C.
Vegetable oil-based polybenzoxazine derivatives coatings on Zn–Mg–Al alloy coated steel
Corrosion Science 2015, 100, 386-395
WOS:000363070100036; ISSN: 0010-938X; eISSN: 1879-0496; IF₂₀₂₃=7.4 (Q1)
- Ris7.** Ghebaur A., **Balanuca B.**, Florea N.M., Watzlaveck A., Iovu H
Modified halloysite for intestinal drug delivery
University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science 2016, 78(2), 155-164
WOS:000417052900015; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)
- Ris8.** Andronescu C., **Balanuca B.**, Raicopol M.
Phenolated methyloleate-based poly(benzoxazine) films as corrosion protection layers on Zn/Mg/Al-alloy coated steel
University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science 2016, 78(2), 13-24
WOS:000417052900002; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)
- Ris9.** Florea N.M., Lungu A., **Balanuca B.**, Badica P., Craciun L., Damian C.M., Enculescu M., Ionescu C., Tihan G., Iovu H
Effect of polyhedral oligomeric silsesquioxane nanoreinforcement on the properties of epoxy resin/monoglycidylether-terminated poly(dimethylsiloxane) nanocomposites
High performance polymers 2016, 28(6), 724-734
WOS:000382225900011; ISSN: 0954-0083; eISSN: 1361-6412; IF₂₀₂₃=1.8 (Q3)
- Ris10.** Ghebaur A., **Balanuca B.**, Garea S.A., Iovu, H
pH-Sensitive Clays as Drug Delivery Carriers for Controlled Release of Hydrocortisone
Materiale Plastice 2016, 53(3), 419-423
WOS:000384870300017; ISSN: 0025-5289; eISSN: 2668-8220; IF₂₀₂₃=0.6 (Q4)
- Ris11. Balanuca B.**, Stan R., Lungu A., Vasile E., Iovu H.
Hybrid networks based on epoxidized camelina oil
Designed Monomers and Polymers 2017, 20(1), 10-17
WOS:000391059500002; ISSN: 1385-772X; eISSN: 1568-5551; IF₂₀₂₃=1.8 (Q3)
- Ris12.** Serafim A., Olaret E., Butac L.M., **Balanuca B.**, Vasile E., Ghica M., Stancu I.C.
Bicomponent hydrogels based on methacryloyl derivatives of gelatin and mucin with potential wound dressing applications
Materiale Plastice 2018, 55(1), 68-74
WOS:000444129500015; ISSN: 0025-5289; eISSN: 2668-8220; IF₂₀₂₃=0.6 (Q4)
- Ris13. Balanuca B.**, Ghebaur A., Stan R., Vuluga D.M., Vasile E., Iovu H.
New hybrid materials based on double-functionalized linseed oil and halloysite
Polymers for Advanced Technologies 2018, 29(6), 1744-1752
WOS:000434164900018; ISSN: 1042-7147; eISSN: 1099-1581; IF₂₀₂₃=3.1 (Q2)

- Ris14.** Komartin R.S., Stan R., **Balanuca B.**, Chira N., Hanganu, A
Treatment of the oil of lallemantia iberica with activated adsorbents
University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science
2019, 81(4), 95-106
WOS:000501994100010; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)
- Ris15.** Laslau C., Gologan D., Ott C., **Balanuca B.**, Stan R.
Niosomes loaded with ascorbic acid - influence of surfactants on stability and morphology
University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science
2020, 82(3), 101-112
WOS:000610098500008; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)
- Ris16.** Bratu A., Ott C., **Balanuca B.**, Badea N., Lacatusu I
The association effect of cocoa butter with vegetable oils on the obtaining of lipid nanocarriers loaded with antidepressant and antipsychotic drugs
Revue Roumaine de Chimie **2020**, 65(1), 57-67
WOS:000548815700006; ISSN: 0035-3930; IF₂₀₂₃=0.4 (Q4)
- Ris17.** Damian C.M., Ott C., Stan R., Hanganu A., Trusca R., **Balanuca B.**[@]
Harnessing a byproduct from wastewater treatment to obtain improved starch/poly(vinyl alcohol) composites
Carbohydrate Polymers **2020**, 238, 115777
WOS:000526413700001; ISSN: 0144-8617; eISSN: 1879-1344; IF₂₀₂₃=10.7 (Q1)
- Ris18.** Olaret E., **Balanuca B.**, Onas A.M., Ghitman J., Iovu H., Stancu I.C., Serafim A.
Double-Cross-Linked Networks Based on Methacryloyl Mucin
Polymers **2021**, 13(11), Article Number 1706
WOS:000660510900001; eISSN: 2073-4360; IF₂₀₂₃=4.7 (Q1)
- Ris19.** **Balanuca B.**, Ott C., Damian C.M., Trusca R., Iovu H., Stan R.
Exploring the potential of inexpensive high oleic sunflower oil for new polymeric architectures
Polymers for Advanced Technologies **2021**, 32(4), 1813-1821
WOS:000608427300001; ISSN: 1042-7147; eISSN: 1099-1581; IF₂₀₂₃=3.1 (Q2)
- Ris20.** Komartin R.S.*, **Balanuca B.***, Necolau M.I., Cojocaru A., Stan R.
(* contribuție egală a autorilor)
Composite Materials from Renewable Resources as Sustainable Corrosion Protection Coatings
Polymers **2021**, 13(21), 3792
WOS:000718561400001; eISSN: 2073-4360; IF₂₀₂₃=4.7 (Q1)
- Ris21.** Slabu A., Banu N.D., **Balanuca B.**, Teodorescu F., Stan R.
Plant-based resins obtained from epoxidized linseed oil using a MgAl hydrotalcite catalyst
University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science
2022, 84(2), 45-54
WOS:000805934600004; ISSN: 1454-2331; IF₂₀₂₃=0.3 (Q4)
- Ris22.** Lacatusu I., **Balanuca B.**, Serafim A., Ott C., Prodana M., Badea N.
Salicin and Hederacoside C-Based Extracts and UV-Absorbers Co-Loaded into Bioactive Lipid Nanocarriers with Promoted Skin Antiaging and Hydrating Efficacy
Nanomaterials **2022**, 12(14), 2362
WOS:000831780700001; eISSN: 2079-4991; IF₂₀₂₃=4.4 (Q2)
- Ris23.** Necolau M.I., Damian C.M., Olaret E., Iovu H., **Balanuca B.**[@]
Comparative Thermo-Mechanical Properties of Sustainable Epoxy Polymer Networks Derived from Linseed Oil
Polymers **2022**, 14(19), 4212
WOS:000867174600001; eISSN: 2073-4360; IF₂₀₂₃=4.9 (Q1)

- Ris24. Balanuca B.**, Komartin R.S., Necolau M.I., Damian C.M., Stan R.
Investigating the Synthesis and Characteristics of UV-Cured Bio-Based Epoxy Vegetable Oil-Lignin Composites Mediated by Structure-Directing Agents
Polymers **2023**, 15(2), 439
WOS:000915703000001; eISSN: 2073-4360; IF₂₀₂₃=4.9 (Q1)
- Ris25.** Necolau M.I., **Balanuca B.**, Frone A.N., Damian C.M.
Tailoring an Effective Interface between Nanocellulose and the Epoxidized Linseed Oil Network through Functionalization
ACS Omega **2023**, 8(18), 15896-15908
WOS:000985517800001; ISSN: 2470-1343; IF₂₀₂₃=3.7 (Q2)
- Ris26.** Tociu M., Manolache F., **Balanuca B.**, Moroşan A., Stan R.
Superior Valorisation of Juglans regia L. Leaves of Different Maturity through the Isolation of Bioactive Compounds
Molecules **2023**, 28(21), 7328
WOS:001103298700001; eISSN: 1420-3049; IF₂₀₂₃=4.2 (Q2)
- Ris27.** Olaret E., **Balanuca B.**, Ghitman J., Stancu I.C., Serafim A.
Reinforcement of nanostructured polyacrylamide hydrogels through the generation of secondary physical network using the nanoparticles' functional groups
Polymer Testing **2024**, 132, 108380
WOS:001188600500001; ISSN: 0142-9418; eISSN: 1873-2348; IF₂₀₂₃=5 (Q1)
- Ris28.** Olaret E., **Balanuca B.**, Onas A.M., Serafim A.
Screening of carboxylated nanodiamonds interactions with porcine gastric mucin and its methacryloyl derivative
Materials Letters **2023**, 337, 134012
WOS:000949774500001; ISSN: 0167-577X; eISSN: 1873-4979; IF₂₀₂₃=2.7 (Q2)
- Ris29.** Necolau M.I., **Balanuca B.**, Frone A.N., Radu I.N., Gradisteanu G., Damian C.M.
Combined Thermomechanical Effect of Graphene Oxide and Montmorillonite on Biobased Epoxy Network Formation for Coatings
ACS OMEGA **2024**, 9(7), 8297-8307
WOS:001164682600001; ISSN: 2470-1343; IF₂₀₂₃=3.7 (Q2)
- Ris30.** Slabu A.I., Stan R., Miu L. Necolau, M.I., **Balanuca B.**[@], Teodorescu F.
Sustainable strategy for the synthesis of novel vegetable oil derived polymeric materials
Polymers for Advanced Technologies **2024**, 35(8)
WOS:001285242800001; ISSN: 1042-7147; eISSN: 1099-1581; IF₂₀₂₃=3.1 (Q2)
- Ris31.** Necolau M.I., Radu I.N. **Bălănuță B.**, Frone A.N., Damian C.M.
Broadening the coating applications of sustainable materials by reinforcing epoxidized corn oil with single-walled carbon nanotubes
Environmental Science and Pollution Research **2024**, 31(25), 37465 - 37479
DOI 10.1007/s11356-024-33702-2; ISSN 09441344
Clasament în SCIE*: 86/359 în ENVIRONMENTAL SCIENCES (Q1 - Journal Citation Indicator)
- * **WOS Accession Number – neatribuit la data depunerii dosarului**

IV.2. Articole publicate în reviste de specialitate de circulație internațională recunoscute (cotate / indexate în alte Baze de date internaționale)

- Ris32.** Arlet A.C.I., Tociu M., **Balanuca B.**, Israel-Roming F.
Extraction and evaluation of total phenolics content from red corn bran
Scientific Bulletin. Series F. Biotechnologies **2023**, XXVII(2), 60-67,
ISSN 2285-1364, CD-ROM ISSN 2285-5521, ISSN Online 2285-1372, ISSN-L 2285-1364
* **Jurnal indexat Index Copernicus, Google Scholar, CABI**

Ris33. Arlet A.C.I., **Balanuca B.**, Tociu M., Ott C., Constantin L., Popa A., Israel-Roming F.
Influence of membrane separation technique upon the phenolic content of red corn bran extract
Scientific Bulletin. Series F. Biotechnologies 2024, XXVIII(2), 101-109, ISSN 2285-1364, CD-ROM
ISSN 2285-5521, ISSN Online 2285-1372, ISSN-L 2285-1364
* *Jurnal indexat Index Copernicus, Google Scholar, CABI*

V. BREVETE DE INVENȚIE / INOVAȚII SAU CREAȚII ARTISTICE (B,A)

B - Brevete de invenție.

A - Inovații sau creații artistice.

B1. Cerere de brevet OSIM

Damian Celina Maria, Necolau Mădălina Ioana, **Bălănuță B.**, Radu Iulia Nicoleta

Bionanocompozite epoxidice din ulei de porumb ranforsate cu montmorilonit funcționalizat cu betaină, compoziție și metodă de obținere

Cerere de brevet de invenție nr. A00210/04.04.2024

VI. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P, F)

P – Proiecte de cercetare-dezvoltare – inovare obținute prin competiție, pe bază de contract/grant, în țara/străinatate (Pn – naționale, Pi - internaționale).

F – Alte lucrări de cercetare – dezvoltare

Obs.-a se menționa calitatea de responsabil/director sau coautor.

VI.1. Proiecte de cercetare-dezvoltare (Director de proiect)

Pn1. Granturi naționale GNaC ARUT 2023

„Arhitecturi polimerice hidrofili-hidrofobe din surse naturale – o nouă perspectivă în domeniul biomedical” (Renew) – 49752 Lei/10000 Euro – Director de proiect

Pn2. Programe interne de cercetare UPB – GEX2017

„Acoperiri anticorozive ecofriendly” (ECOAT) – 22.000 Lei – Director de proiect

VI.2. Alte proiecte de cercetare-dezvoltare (colaborator)

Pn3. GNaC ARUT 2023

„Pansament multistratificat pe bază de macromolecule naturale cu acțiune antimicrobiană și indicator de vindecare” – Cercetător (10.2023-prezent)

Pn4. Proiecte de cercetare pentru stimularea tinerelor echipe independente (PN-III-P1-1.1 TE2021-0627)

„Rețele epoxidice sustenabile cu proprietăți reglabile utilizate ca materiale nanocompozite pentru acoperiri” - Cercetător (06.2022-05.2024)

Pn5. Proiecte de cercetare pentru stimularea tinerelor echipe independente (PN-III-P1-1.1 TE-2019-1161)

„Hidrogeluri nanostructurate cu capacitate de auto-regenerare pentru ingineria țesutului cartilajinos articular” - Cercetător (03.2021-03.2023)

Pn6. Proiect experimental demonstrativ (PN-III-P2-2.1-PED-2019-5002)

„Nanocompozite epoxi-celuloză din resurse naturale cu proprietăți termo-mecanice echilibrate” – Cercetător (10.2020-10.2022)

Pn5. Planul Național de Cercetare-Dezvoltare și Inovare 2015 – 2020 (40PCCDI/ 2018)

“Innovative polymer-based nanotechnologies for new advances materials” – Cercetător (04.2018-08.2020)

Pn7. UPB-GEX 2017-2018 - Excellence Research Grant acordat de Universitatea POLITEHNICA din București

“Ecofriendly composites with recovered lipids content” – Cercetător (09.2017-09.2018)

- Pn8.** Proiecte de cercetare exploratorie (PN-II-ID-PCE-2011-3-0223)
 „New nanohybrid materials based on polybenzoxazines” – **Asistent cercetare** (02.2016-10.2017)
- Pn9.** Proiecte Colaborative de Cercetare Aplicativă (PN II 59/ 2012)
 “Ecological food packaging based on last generation multifunctional bioplastics” – **Asistent cercetare** (07.2012-12.2016)
- Pn10.** Proiecte Colaborative de Cercetare Aplicativă (PN II PCCA 158/ 2012)
 „Innovative polyester/ bacterial cellulose composites for biomedical engineering” – **Asistent cercetare** (09.2012-06.2015)
- Pn11.** Proiecte complexe de cercetare exploratorie (PCCE 11/ 2010)
 „New concepts and strategies to develop new biocompatible structures for bioengineering” – **Asistent cercetare** (05.2013-10.2013)
- Pi1. Proiect finanțat din fonduri europene - Programul Operațional Competitivitate**
 (POC/163/1/3, SMIS 120906)
 “Realizarea unui supliment alimentar inovativ pentru sanatatea femeii la menopauza, de catre AC HELCOR SRL” – **Cercetător** (07.2020-06. 2023)
- Pi2. Proiect finanțat din fonduri europene – Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013** (POS DRU/144/6.3/S/135227)
 ”Formarea profesională-cheia pentru dezvoltarea în carieră și un acces egal pe piața muncii” - **Curs de calificare în industria de medicamente și cosmetice - Expert național/Formator** (11.2014-05.2015)

VII. COMUNICĂRI ȘTIINȚIFICE NEPUBLICATE (E)

E – Lucrări prezentate la diferite seminarii/expoziții, conferințe, etc.

- E1. 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 - prezentare orală
Romanian International Conference on Chemistry and Chemical Engineering (RICCCE XVIII)
 4-7 Septembrie 2013, Sinaia, Romania
- E2. B. Balanuca**, R. Stan, A. Hanganu, A. Lungu, H. Iovu,
Camelina oil – based hydrophilic monomers for novel polymeric materials – prezentare orală
The 22nd Annual International Conference on Composites/Nano Engineering (ICCE-22)
 13 - 20 Iulie 2014, Saint Julian's, Malta
- E3. B. Balanuca**, R. Stan, H. Iovu
New vegetable oil-derived monomers and polymeric materials
46th IUPAC World Polymer Congress – MACRO 2016
 17-21 July 2016, Istanbul, Turcia
- E4. B. Balanuca**, R. Stan, H. Iovu
Design of new camelina oil-based monomers for novel polymeric materials – poster
International Conference on Macromolecular Materials
 21-24 Iunie 2016, San Sebastian, Spania
- E5. B. Balanuca**, A. Ghebaur, R. Stan, H. Iovu
New Hybrid Materials Based on Functionalized Vegetable Oil and Halloysite - prezentare orală
International Conference on Materials Design and Applications 2018 (MDA 2018)
 04-07 Iulie 2018, Porto, Portugalia
- E6. R. Stan, B. Balanuca**
Vegetable Oils as Valuable Feedstock for Performant Materials – keynote presentation
21th Romanian International Conference on Chemistry and Chemical Engineering
 04 - 09 September 2019, Mamaia, Romania

- E7. 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
 09 - 11 Octombrie 2019, Riga, Letonia
- E8.** 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
- E10.** 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
- E11.** M.I. Necolau, C.M. Damian, **B. Bălănuță**, A.N. Frone, H. Iovu
Epoxy sustainable nanocomposites reinforced with functionalized nanocellulose for electronic coatings-
 prezentare orală
New Trends in Polymer Science: Health of the Planet, Health of the People
 24-28 May 2022, Torino, Italia
- E12. B. Balanuca**, R. Stan, C.M. Damian, C. Ott
New Polymeric Architectures Based on Methacrylated High Oleic Sunflower Oil and Compatible PEG Derivative - poster
International conference on Bioengineering and Polymer Science
 7-10 June 2023, Bucharest, Romania
- E13.** C.M. Damian, M.I. Necolau, **B. Balanuca**
Composite materials derived from epoxidized corn oil and clay-carbon nanotubes hybrid structure -
 prezentare orală
33rd International Conference on Diamond and Carbon Materials
 10-14 Septembrie 2023, Palma, Mallorca, Spania
- E14.** A.I. Slabu, F. Teodorescu, L. Miu, R. Stan, **B. Balanuca**
Linseed oil functionalization through epoxidation and epoxy ring-opening reactions - prezentare orală
Romanian International Conference on Chemistry and Chemical Engineering
 4-7 Septembrie 2024, Constanța-Mamaia, Romania
- E15. B. Balanuca**, C. Ott, A.I. Slabu, M.I. Necolau, A. Serafim
Bicomponent Macromolecular Architectures Based on Methacrylated Linseed Oil and Alginate
Romanian International Conference on Chemistry and Chemical Engineering
 4-7 Septembrie 2024, Constanța-Mamaia, Romania
- E16.** C. Ott, A.I. Slabu, **B. Balanuca**, M.I. Necolau, R. Stan
Double Functionalized Vegetable Oil Monomers and Derived Polymeric materials
Romanian International Conference on Chemistry and Chemical Engineering
 4-7 Septembrie 2024, Constanța-Mamaia, Romania
- E17.** M.D. Raicopol, B. Dimitrov, M.I. Necolau, **B. Balanuca**
Preliminary assessment of alginate-based membranes containing bioactive ingredients
Romanian International Conference on Chemistry and Chemical Engineering
 4-7 Septembrie 2024, Constanța-Mamaia, Romania
- E18.** E. Olaret, J. Ghitman, **B. Balanuca**, L. Butac, I.C. Stancu, A. Serafim
Double networks and double cross-linked networks based on mucin and its methacryloyl derivative
Romanian International Conference on Chemistry and Chemical Engineering
 4-7 Septembrie 2024, Constanța-Mamaia, Romania