

L I S T A
lucrărilor științifice
Popescu-Mitroi Ionel

A. Teza de doctorat

Titlul tezei: „Studiul proceselor microbiologice și biochimice care definesc fermentația malolactică la vinurile obținute în podgoriile din vestul României”, Universitatea din Craiova, Diplomă de doctor nr. 48/27.03.2008 pe baza OMEC nr. 3439 din 12.03.2008.

Conducător științific Prof. dr. ing. Marin Gheorghită, laureat al premiului OIV, Paris, 1982.

B. Cărți și capitole în cărți publicate

B1 Nicolae Rusănescu, **Ionel Popescu, 2005** – Aparate și utilaje în alimentația publică și turism, Editura Universității „Aurel Vlaicu” Arad, ISBN 973-8363-75-6, 210 pagini.

B2 Daniela Diaconescu, **Ionel Popescu-Mitroi, 2006** – Tehnologii, utilaje și calcule în industria berii, Editura Universității „Aurel Vlaicu” Arad, ISBN 973-752-089-0, 326 pagini.

B3 **Ionel Popescu-Mitroi, 2009** – Bazele biotehnologice ale fermentației malolactice, Editura Universității „Aurel Vlaicu” Arad, ISBN 978-973-752-402-7, 286 pagini.

B4 Daniela Diaconescu, **Ionel Popescu-Mitroi, 2011** – Tehnologii, utilaje și calcule în industria berii (ediția a 2-a), Editura Universității „Aurel Vlaicu” Arad, ISBN 978-973-752-585-7, 354 pagini.

B5 Dana Gina Radu, **Ionel Popescu-Mitroi, 2014** – Ghid practic de microbiologie generală și aplicată, Editura Eurostampa Timișoara, ISBN 978-606-569-810-9, 112 pagini.

B6 Eugenia Țigan, **Ionel Popescu-Mitroi, Dana Gina Radu 2014** - Il Progetto "Agro-Bio"- Le Attivita ed I Risultati, Ed. Tipografia Grafica Sud s.a.s. Policoro Italy, ISBN 978-88-901790-0-6, (contribuție p. 91-105), 130 pagini.

B7 Dana Gina Radu, **Ionel Popescu-Mitroi, 2016** – Microbiologie generală și aplicată. Teste și grile de verificare, Editura Eurostampa Timișoara, ISBN 978-606-32-0207-0, 60 pagini.

B8 **Ionel Popescu-Mitroi, 2021** – Pregătire de bază în industria alimentară. Operații unitare în industria alimentară. Igiena alimentelor. Teste grilă, Editura Eurostampa Timișoara, ISBN 978-606-32-0988-8, 52 pagini.

C. Lucrări indexate ISI (indexate Web of Science)

Lucrări ISI cu factor de impact

C1 Harja Florian, Stănescu Michaela Dina, Eder Reinhard, Korntheurer Karin, **Popescu-Mitroi Ionel**, Haltrich Dietmar, Peterbauer Clemens, **2011** - Determination of biogenic amines from several romanian wines, Revista de Chimie, Bucharest, Volume 62, Issue 3, p. 304-307, ISSN: 0034-7752, **IDS Number: 753XQ, IF 0,599.**

C2 **Ionel Popescu-Mitroi**, Dana Radu, Felicia Stoica, **2014** - The study of glycerol metabolism in the malolactic fermentation of red wines, Romanian Biotechnological Letters, Volume 19, no. 1, p. 9019-9027, ISSN 1224 – 5984, **IF 0,404.**

C3 Felicia Stoica, Camelia Muntean, Constantin Băducă, **Ionel Popescu-Mitroi, 2015** - Differences in muscat wine aroma composition depending maceration and fermentation processes, Romanian Biotechnological Letters, Volume 20, no. 2, p. 10343-10351, ISSN 1224-5984, **IF 0,381.**

C4 Maria-Monica Popescu-Mitroi, **Ionel Popescu-Mitroi, 2015** - Impact of the romanian diet guide on student-consumers, *Procedia - Social and Behavioral Sciences* 191, p. 1261 – 1265, doi: 10.1016/j.sbspro.2015.04.713, ISSN 1877-0428. (ISI Proceedings)

<http://www.sciencedirect.com/science/article/pii/S1877042815029882>

C5 **Ionel Popescu-Mitroi**, Felicia Stoica, **2018** - Inoculation of selected lactic acid bacteria in red wines - determining the right time, *Carpathian Journal of Food Science and Technology*, Volume 10, Issue 1, p. 45-55, ISSN 2066-6845. WOS 000431926200004.

http://chimie-biologie.ubm.ro/carpathian_journal/index.html

C6 **Ionel Popescu-Mitroi**, Dana Gina Radu, Claudia Mureșan, Andreea Lupitu, Dana Copolovici, Lucian Copolovici, **2020** - Monitoring the content of biogenic amines in red wines subjected to malolactic fermentation, *Bulgarian Journal of Agricultural Science*, Volume 26, no. 5, p. 1076-1082, ISSN 1310-0351 – print ISSN 2534-983X – online WOS 000580444100023

<https://www.agrojournal.org/26/05-23.html>

C7 Maria-Monica Popescu-Mitroi, **Ionel Popescu-Mitroi, 2022** – Food choices of students with nutritional knowledge, *Nutricion Clinica Y Dietetica Hospitalaria*, Volume 42, no 3 p. 34-39, DOI 10.12873/423popescu ISSN: 0211-6057 - print ISSN: 1989-208X – online WOS 000860308400001

<http://revista.nutricion.org>

Lucrări publicate în reviste de specialitate de circulație internațională indexate în baze de date internaționale (categoria B+/BDI)

C8 **Ionel Popescu-Mitroi**, Marin Gheorghită, **2007** - The malolactic fermentation monitoring at red wines obtained in Minis-Maderat vineyard, *Lucrări științifice, seria Agronomie*, vol. 50, No. 2, Iași, p. 74-79, ISSN 1454-7414. [BDI Index](#) [Centre for Agriculture and Biosciences International \(CABI\)](#) [Copernicus International](#), [Genamics Journal Seek Database](#).

C9 **Ionel Popescu-Mitroi**, Dana Radu, Felicia Stoica, **2009** - Researches concerning the malic acid content of wines during storage period, *Journal Of Agroalimentary Processes and Technologies* vol. XV, No.3, Timișoara, p. 414-420, ISSN 1453-1399. [BDI Index: IFIS – International Food Information Service](#); [CAS – Chemical Abstracts Service \(CAS ref; 163659\)](#). [Food Science Central – from the publishers of FSTA – Food Science and Technology Abstracts®](#); [CABI – Publishing Website Serials Cited Submission](#); [European Virtual Institute for Speciation Analysis \(EVISA\)](#); [Science and Engineering Journal Abbreviations](#); [Index Copernicus](#).

C10 Dana Radu, **Ionel Popescu-Mitroi**, Bujor Pancan, **2009** - Studies upon *Actinomucor elegans* proteolytic activity during solid-state fermentation in obtaining „sufu”, *Journal Of Agroalimentary Processes and Technologies* vol. XV, No.3, Timișoara, p. 366-369, ISSN 1453-1399. [BDI Index: IFIS – International Food Information Service](#); [CAS – Chemical Abstracts Service \(CAS ref; 163659\)](#). [Food Science Central – from the publishers of FSTA – Food Science and Technology Abstracts®](#); [CABI – Publishing Website Serials Cited Submission](#); [European Virtual Institute for Speciation Analysis \(EVISA\)](#); [Science and Engineering Journal Abbreviations](#); [Index Copernicus](#).

C11 **Ionel Popescu-Mitroi**, Marin Gheorghită, Felicia Stoica, **2009** – Results concerning the evolution of bacterial population during the malolactic fermentation, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca*, vol. 66, No. 2, p. 421-426, ISSN 1843-5246. [BDI Index: ISI Thomson Reuters Master Journal List](#); [Centre for Agriculture and Biosciences International \(CABI\)](#); [Russian Scientific and Technical Information Institute \(VINITI\)](#); [Asian Science Citation Index \(ASCI\)](#); [Index Copernicus](#); [Elton B Stephens Company \(EBSCO\)](#).

C12 Felicia Stoica, Elena Heroiu, Liviu Giurgulescu, **Ionel Popescu-Mitroi, 2010** - The influence of the conditioning technological operation of must and wine on the composition characteristics of distillate, *Journal Of Agroalimentary Processes and Technologies* vol. XVI, No. 3 Timișoara, p. 373-375, ISSN 1453-1399. [BDI Index: : IFIS – International Food Information Service](#); [CAS – Chemical Abstracts Service \(CAS ref; 163659\)](#). [Food Science Central – from the publishers of FSTA – Food Science and Technology Abstracts®](#); [CABI – Publishing Website Serials Cited](#)

[Submission; European Virtual Institute for Speciation Analysis \(EVISA\); Science and Engineering Journal Abbreviations; Index Copernicus.](#)

C13 **Ionel Popescu-Mitroi**, Dana Radu, Felicia Stoica, **2010** – The monitoring of physicochemical parameters of red wines during malolactic fermentation, Annals of West University of Timișoara, Series of Chemistry, vol. 19, No. 2, Special issue dedicated to The XII International Symposium „Young People And Multidisciplinary Research”, Timișoara, 11-12 November 2010, p. 43-50, ISSN 1224-9513. **BDI Index:** [EBSCO Publishing – Academic Search Complete \(Abstract & Full text\)](#); [ProQuest \(Abstract & Full text\)](#).

C14 **Ionel Popescu-Mitroi**, Marin Gheorghită, Felicia Stoica, **2011** – Inoculation practice of malolactic bacteria in red wines, Annales of the University of Craiova, vol XVI (LII), p. 313-318, ISSN 1453-1275. **BDI Index:** [CAB Abstracts and Global Health](#); [Zoological Record](#); [Index Copernicus](#).

C15 **Ionel Popescu-Mitroi**, Felicia Stoica, **2011** – Estimation of arginine degradation during malolactic fermentation of wine, Annals of West University of Timișoara, Series of Chemistry, vol 20, No.3, Special issue dedicated to The XIII International Symposium „Young People And Multidisciplinary Research”, Timișoara, 10-11 November 2011, p. 19-26, ISSN 1224-9513 **BDI Index:** [EBSCO Publishing – Academic Search Complete \(Abstract & Full text\)](#); [ProQuest \(Abstract & Full text\)](#).

C16 Maria-Monica Popescu-Mitroi, **Ionel Popescu-Mitroi**, Felicia Stoica, **2011** – The requirements of dietary guidelines and their impact on consumers, in Proceedings of the Third International Conference Research People And Actual Tasks On Multidisciplinary Sciences Lozenec, Bulgaria, 8-10 June 2011, vol III, p. 93-98, ISSN 1313-7735 **BDI Index** [Centre for Agriculture and Biosciences International \(CABI\)](#).

C17 **Ionel Popescu-Mitroi**, Felicia Stoica, **2012** – Study of histidine degradation and assessment of histamine content in red wines during the malolactic fermentation, Chemical Bulletin of „Politehnica” University of Timișoara, Series of Chemistry and Environmental Engineering, Tomul 57 (71), Fascicola 1, p 38-41, ISSN 1224-6018, **BDI Index:** [Index Copernicus](#), [Electronic Journals Library](#), [VINITI](#), [Chemical Abstracts Plus](#), [Ulrich’s Periodicals](#).

C18 Stoica Felicia, Muntean Camelia, Băducă-Câmpeanu Constantin, Cichi Daniela, **Popescu-Mitroi Ionel**, **2013** - Technological potential of certain varieties of table and wine grapes in aromatised wines technology, Annales of the University of Craiova, vol XVIII (LIV), p. 321-326, ISSN 1453-1275. **BDI Index:** [CAB Abstracts and Global Health](#); [Zoological Record](#); [Index Copernicus](#).

C19 Condrat Dumitru, **Popescu-Mitroi Ionel** Crișan Florin, **2013** – The quantitative analysis of some flavonoids in the species *Achillea millefolium*, *Anethum graveolens*, *Origanum majorana* and *Rosmarinus officinalis* Annales of the University of Craiova, vol XVIII (LIV), p. 455-458, ISSN 1453-1275. **BDI Index:** [CAB Abstracts and Global Health](#); [Zoological Record](#); [Index Copernicus](#).

C20 Felicia Stoica, Camelia Muntean, Constantin Băducă-Câmpeanu, **Ionel Popescu-Mitroi**, **2013** - Technological possibilities of obtaining alcoholic beverages type mistelles. Proceedings of the Fourth International Conference, Research People and Actual Tasks on Multidisciplinary Sciences, Lozenec, Bulgaria, 12-16 June 2013, vol. 1, p.199-204 ISSN 1313-7735 **BDI Index** [Centre for Agriculture and Biosciences International \(CABI\)](#)

C21 **Popescu-Mitroi Ionel**, Condrat Dumitru, Radu Dana, Stoica Felicia, **2014** – Assessment of the antibacterial action of dry red and white wines produced in the Miniș-Măderat vineyard, Annales of the University of Craiova, vol XIX (LV), p. 269-274, ISSN 1453-1275. **BDI Index:** [CAB Abstracts and Global Health](#); [Zoological Record](#); [Index Copernicus](#).

C22 Stoica Felicia, Muntean Camelia, Băducă-Câmpeanu Constantin, **Popescu-Mitroi Ionel**, **2014** – Influence of must processing on quality natural distillates, Annales of the University of Craiova, vol XIX (LV), p. 359-362, ISSN 1453-1275. **BDI Index:** [CAB Abstracts and Global Health](#); [Zoological Record](#); [Index Copernicus](#).

C23 **Ionel Popescu-Mitroi**, Dana Gina Radu, **2021** – Bioingineria culturilor de bacterii malolactice – de la izolare din mediul natural la liofilizare, Buletinul AGIR nr. 2/2021, p. 66-70, ISSN 1224-7928 – print, ISSN 2247-3548 – online.

BDI <http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5724>

C24 Laurențiu Adrian Urucu, **Ionel Popescu-Mitroi**, Dana Gina Radu, **2021** - Evaluating soil spore-forming bacteria to prevent food contamination, Journal Of Agroalimentary Processes and Technologies vol. 27 issue 3, p. 323-325, ISSN 1453-1399 - print ISSN 2068-9551 – online

BDI Index: : [IFIS – International Food Information Service](#); [CAS – Chemical Abstracts Service \(CAS ref; 163659\)](#). [Food Science Central – from the publishers of FSTA – Food Science and Technology Abstracts@](#); [CABI – Publishing Website Serials Cited Submission](#); [European Virtual Institute for Speciation Analysis \(EVISA\)](#); [Science and Engineering Journal Abbreviations](#); [Index Copernicus](#)

C25 **Ionel Popescu-Mitroi**, **2022** – Legislative trends in european oenological practices – a mini review, Journal Of Agroalimentary Processes and Technologies vol. 28 issue 3, p. 273-276 ISSN 1453-1399 - print ISSN 2068-9551 – online BDI Index: : [IFIS – International Food Information Service](#); [CAS – Chemical Abstracts Service \(CAS ref; 163659\)](#). [Food Science Central – from the publishers of FSTA – Food Science and Technology Abstracts@](#); [CABI – Publishing Website Serials Cited Submission](#); [European Virtual Institute for Speciation Analysis \(EVISA\)](#); [Science and Engineering Journal Abbreviations](#); [Index Copernicus](#)

D. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

Lucrări publicate în reviste din străinătate

D1 **Ionel Popescu-Mitroi**, Marin Gheorghită, **2007** - The study of amino acids catabolism of malolactic bacteria in wine, in Proceedings of the International Conference Research People And Actual Tasks On Multidisciplinary Sciences, Lozenec, Bulgaria, 6-8 June 2007, vol. III, p. 233-239, ISBN 978-954-91147-3-7.

D2 **Ionel Popescu-Mitroi**, **2009** – Researches concerning the histamine content of wines with malolactic fermentation, in Proceedings of the Second International Conference Research People And Actual Tasks On Multidisciplinary Sciences, Lozenec, Bulgaria, 10-12 June 2009, vol. II, p. 250-254, ISSN 1313-7735.

D3 **Ionel Popescu-Mitroi**, Monica Popescu-Mitroi, **2010** - Consumers attitude regarding the choise of a healthy diet, The XIth International Symposium „Interdisciplinary Regional Research” Hungary-Romania-Serbia, Section Medical Reproductive Health, Szeged, Ungaria, p.172-173, ISBN 978-963-508-600-9.

Lucrări publicate în reviste românești recunoscute CNCSIS

Reviste de tip B

D4 **Ionel Popescu**, Dumitru Condrat, **2004** – The influence of the unsaturation degree over the oxidation capacity of fats, Analele Universității din Craiova, vol IX, p. 399–403, ISSN 1435-1275.

D5 **Ionel Popescu**, Lucian Hălmăgean, Virgil Ciutină, Ioan Calinovici, Claudiu Ursachi, **2004** – Optimal harvesting period for garden been seeds in corelation with the agro-ecological conditions of Arad area, Analele Universității din Craiova , vol IX, p. 211-215, ISSN 1435-1275.

D6 **Ionel Popescu**, Marin Gheorghită, **2006** - Results concerning the evolution of malic acid in grapes and in the wines from Minis viti-viticultural station, Analele Universității din Craiova, vol XI, p. 31-38, ISSN 1435-1275.

D7 **Ionel Popescu**, Marin Gheorghiiță, **2006** - Experiments on malolactic fermentation induction with bacterial biomass separated by filtering, *Analele Universității din Craiova*, vol XI, p. 39-44, ISSN 1435-1275.

D8 **Ionel Popescu-Mitroi**, Marin Gheorghiiță, **2007** – Study of the main factors that influence the malolactic fermentation, *Analele Universității din Craiova*, vol XII, p. 283-288, ISSN 1435-1275.

D9 **Ionel Popescu-Mitroi**, Marin Gheorghiiță, **2007** – Establishing the nature of the lactic acid formed at malolactic fermented wines, *Analele Universității din Craiova*, vol XII, p. 289-294, ISSN 1435-1275.

D10 **Ionel Popescu-Mitroi**, **2008** – The malolactic fermentation influence on the ethyl acetate content from red wines, *Analele Universității din Craiova*, vol. XIII, p. 387-392, ISSN 1435-1275.

D11 **Ionel Popescu-Mitroi**, **2008** – Researches concerning the influence of climatic conditions on dynamics development of the malolactic fermentation at red wines, *Analele Universității din Craiova*, vol. XIII, p. 393-398, ISSN 1435-1275.

D12 **Ionel Popescu-Mitroi**, **2009** – Researches concerning the malic acid content of grapes during maturation period, *Analele Universității din Craiova*, vol. XIV, p. 591-596, ISSN 1453-1275.

D13 Felicia Stoica, Liviu Giurgiulescu, **Ionel Popescu-Mitroi**, **2009** – Study of the acetic bacteria resistance at the different contents in alcohol, acidity and sulphurous anhydride of the wines in vineyard technology, *Analele Universității din Craiova*, vol. XIV, p. 587-590, ISSN 1453-1275.

Reviste de tip C

D14 Nicolae Rusănescu, Adrian Băneș, **Ionel Popescu**, **2000** – Ecuțiile filtrării berii, *Cercetări științifice - Procese și tehnologii agroalimentare*, vol VI, Timișoara, p. 97-105, ISSN 1453-1399.

D15 **Ionel Popescu**, Nicolae Rusănescu, Sergiu Palcu, **2004** – The effects of polyvinyl-pyrrolidone in assuring colloidal stability for beer, *Cercetări științifice - Procese și tehnologii agroalimentare*, vol X nr. 2, Timișoara, p. 411-417, ISSN 1453-1399.

D16 Sergiu Palcu, **Ionel Popescu**, **2005** – Experimental studies regarding the bacterial metabolism of sugars, *Scientifical Researches, Agroalimentary Processes and Technologies*, vol XI, Nr. 2, Timișoara, p. 315 – 320, ISSN 1453-1399.

D17 Dana Radu, **Ionel Popescu**, **2005** – Researches concerning cholesterol uptake in *Saccharomyces cerevisiae* cells, *Scientifical Researches, Agroalimentary Processes and Technologies*, vol XI, Nr. 2, Timișoara, p. 327-332, ISSN 1453-1399.

D18 **Ionel Popescu**, Dana Radu, **2005** – Researches concerning the cholesterol role in alcoholic fermentation dynamic, *Scientifical Researches, Agroalimentary Processes and Technologies*, vol XI, Nr. 2, Timișoara, p. 333-336, ISSN 1453-1399.

D19 **Ionel Popescu**, Mihaela Meșter, **2006** - Research regarding the role of probiotic lacto-acid products in inhibiting the development of contamination microorganisms, *Journal of Agroalimentary Processes and Tehnologies*, vol XII, Nr.1, Timișoara, p. 255-260, ISSN 1453-1399.

D20 Ionel Popescu-Mitroi, **Marin Gheorghiiță**, **2007** - The malolactic fermentation conduction on red wines, using starter cultures of malolactic bacteria, *Journal Of Agroalimentary Processes and Technologies*, vol. XIII, Nr.1, Timișoara, p. 183-191 ISSN,1453-1399.

Reviste de tip D

D21 Nicolae Rusănescu, Adrian Băneș **Ionel Popescu**, **2000** – Ecuțiile filtrării mustului de bere, *Analele Universității „Aurel Vlaicu” Arad, Seria Chimie, Fascicola Inginerie Alimentară*, p 29-34, ISSN 1582-3415.

D22 Sergiu Palcu, **Ionel Popescu**, **2003** - Influența temperaturii asupra activității amilazei din miere determinată prin intermediul indicelui diastazic, *Scientific and Technical Bulletin of University “Aurel Vlaicu” Arad*, , Vol.VIII, p. 76-79, ISSN 1582-1021.

D23 **Ionel Popescu**, Nicolae Rusănescu, **2004** - Determinarea caracteristicilor granulometrice ale grâului, Analele Universității „Aurel Vlaicu” Arad, Seria Chimie, Fascicola Inginerie Alimentară, p. 103-106, ISSN 1582-3415.

D24 **Ionel Popescu-Mitroi**, Dana Radu, **2017** - Potassium ferrocyanide wine treatment: a controversial, yet necessary operation, Scientific and Technical Bulletin of “Aurel Vlaicu” University of Arad, Series Chemistry, Food Science & Engineering, Vol. 14, p. 4-8, ISSN 1582-1021.

Lucrări publicate în cadrul unor conferințe internaționale

D25 **Ionel Popescu**, Sergiu Palcu, Dana Radu, Dumitru Condrat, **2004** – Mint essential oil effect upon dairy products preservation, The VIth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Chemistry, Timișoara, România, p. 684-689, ISBN 973-8359-26-0.

D26 Mihaela Meșter, **Ionel Popescu**, **2006** – Research regarding the enzymatic activity of *Penicillium roqueforti* mould in the Roquefort cheese, The VIIIth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Chemistry, Timișoara, România, p. 586-591, ISBN 973-8359-39-2.

D27 Maria-Monica Mitroi, **Ionel Popescu**, **2006** – The pro and against arguments regarding the consume of red wine, The VIIIth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Health, Timișoara, România, p. 743-752 ISBN 973-8359-39-2.

D28 **Ionel Popescu**, Maria-Monica Mitroi, **2006** – The consume of aliments and medicine rich in alkaloides and the postivism of the tests against doping at performance sportsmen, The VIIIth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Health, Timișoara, România, p. 762-767 ISBN 973-8359-39-2.

D29 **Ionel Popescu-Mitroi**, Maria-Monica Popescu-Mitroi, **2008** – Subjectivity and objectivity in the sensorial profile estimation of wine through degustation, The Xth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Biology, Agriculture, Zooculture, Timișoara, România, p. 136-141, ISSN 1843-6609.

D30 Maria-Monica Popescu-Mitroi, **Ionel Popescu-Mitroi**, **2009** – Students perspective on the effectiveness of educational strategies for healthy food, The XIth International Symposium „Young People And Multidisciplinary Research” România-Serbia&Montenegro-Hungary, Section Economic Sciences and Social-Human Sciences, Timișoara, România, p. 223-228, ISSN 1843-6609.

D31 Dumitru Condrat, **Ionel Popescu-Mitroi**, Florin Crișan, **2013** – Quantitative determination of kampferol from *Apium graveolens* and *Petroselinum crispum* species using high performance liquid chromatography, Proceedings of the XVth International Symposium „Young People and Multidisciplinary Research”, Section Agriculture, Chemistry, Ecology and Environment, Timișoara, România, p. 67-70, ISSN 1843-6609.

D32 **Ionel Popescu-Mitroi**, Dumitru Condrat, Felicia Stoica, **2013** – Vitamin C contents change in milk and acid dairy products by applying heat treatment and during storage, Proceedings of the XVth International Symposium „Young People and Multidisciplinary Research”, Section Agriculture, Chemistry, Ecology and Environment, Timișoara, România, p. 71-75, ISSN 1843-6609.

D33 **Ionel Popescu-Mitroi**, **2016** – Case study on the eating behavoir of students, Proceedings of the XVIIIth International Symposium „Young People and Multidisciplinary Research”, Section Health, Timișoara, România, p. 217-222, ISSN 1843-6609.

D34 Simona Perța-Crișan, **Ionel Popescu-Mitroi**, Dana Gina Radu, **2018** – Monitoring acetic fermentation under laboratory conditions, Proceedings of the XXth International Symposium

„Young People and Multidisciplinary Research”, Timișoara, România, p. 122-126, ISSN 1843-6609.

E. Brevete obținute în întreaga activitate

E1 Cerere brevet înregistrată la OSIM A/00395 din 4.06.2018 – Metodă sustenabilă de ambalare ecologică a pâinii tradiționale fără aditivi, de 1-4 kg, (Sustainable method of ecologically packing additive-free traditional bread loaf of 1-4 kg) Solicitant persoană juridică Palmar Vali SRL Pecica, județul Arad, Autori: Radu Dana Gina, Dicu Anca Mihaela, Sîrghie Cecilia, Diaconescu Daniela Maria, **Popescu-Mitroi Ionel** Bibliographic data: RO132866 (A0)-2018-10-30, Application number: RO2018000039520180604 (European Patent Office)

F. Contracte de cercetare în întreaga activitate

F1 Grant NT CNCSIS TIP A, COD 244, Procedeu îmbunătățit de obținere a fructozei – un îndulcitor natural de calitate superioară pentru persoane diabetice și obeze, nivel finanțare 160.000 lei, responsabil grant Prof. dr. ing. Cornelia Idițoiu, Asist. univ. drd. **Ionel Popescu** membru în colectiv, perioada de realizare 2005-2007.

F2 Contract 28 PTE din 6.10.2016, COD PN III P2-2.1-PTE-2016-0217, Instalație demonstrativă pentru o tehnologie inovativă de topire a cânepii, nivel total finanțare 1.779.682 lei, din care finanțare alocată UAV Arad 518.000 lei, Responsabil proiect Conf. dr. ing. Radu Dana, Instituție coordonatoare Ecomax SRL, Parteneri (P1) Universitatea Aurel Vlaicu Arad, (P2) Caloris Group SA, Șef lucrări dr. ing. **Popescu-Mitroi Ionel**, membru în echipa de cercetare UAV Arad, perioada de realizare octombrie 2016- iulie 2018.

F3 Contract 12 CI, COD PN III P2-2.1-CI-2017-0505, Soluție inovativă de ambalare ecologică a pâinii fără aditivi/conservanți pentru creșterea duratei de valabilitate și păstrarea prospețimii, nivel finanțare 45.000 lei, Responsabil proiect Șef lucrări dr. ing. Dicu Anca, Beneficiar Palmar Vali SRL, Șef lucrări dr. ing. **Popescu-Mitroi Ionel**, membru în echipa de cercetare UAV Arad, perioada de realizare august 2017- decembrie 2017.