

LIST OF WORKS LUNGU MONICA ELENA

Doctoral thesis

T1. SYNTHESIS OF NEW REACTIVE DYES WITH ENLARGED TINCTORIAL YIELD - "POLITEHNICA" TIMIȘOARA UNIVERSITY, FACULTY OF INDUSTRIAL CHEMISTRY AND ENVIRONMENTAL ENGINEERING , 2004, Scientific coordinator Prof. PhD. eng. ALFA XENIA LUPEA

Books and chapters from books:

Books:

- C1. Monica Lungu** –Elements of general technologies and specific pollutants, Publisher: „Aurel Vlaicu” University, Arad, 2007, ISBN 978-973-752-123-1, 71 pages.
- C2. Monica Lungu** – Water resources and their preservation, Publisher: „Aurel Vlaicu” University, Arad, 2007, ISBN 978-973-752-201-6, 220 pages.
- C3. Monica Lungu** – Water resources and their preservation, Multiple choice tests, Publisher: „Aurel Vlaicu” University, Arad, 2007, ISBN 978-973-752-124-8, 63 pages.
- C4. Monica Lungu, Șiclovan Laura** – Hygiene and food safety – Food additives, Publisher: Focus, Petroșani, 2009, ISBN 978-973-677-162-1, 54 pages.
- C5. Monica Lungu, Șiclovan Laura** – Specialized techniques specific to nurses in the health sector, Publisher: Focus, Petroșani, 2009, ISBN 978-973-677-165-1, 54 pages.

Chapters from books:

- C. Lungu Monica Elena** - Environment and Industry -Wastewater Characterization - Publisher: „Aurel Vlaicu” University, Arad, 2006, ISBN 973-752-090-4; 978-973-752-090-6, p. 51-73.

C. Articles /studies

1. Articles published in ISI journals

I1. Oana Brînzan, Eugenia Țigan, **Monica Lungu**, Simona Crișan Perta, *Meat consume as an indicator of sustainable development. Comparative study in Europe and Romania*, 17 International Multidisciplinary Scientific GeoConference **SGEM 2017**, Bulgaria are published in SGEM 2017 Conference Proceedings, Volume 17, Ecology, Economics, Education and Legislation, Issue 53, Environmental Economics, ISBN 978-619-7408-10-2, ISSN 1314-2704, Doi: 10.5593/Sgem2017/53

I2. Oana Brînzan, Eugenia Țigan, **Monica Lungu**, Simona Crișan Perta, *Comparative study on consumer preferences for products that support sustainable*

development, 17 International Multidisciplinary Scientific GeoConference **SGEM 2017**, Bulgaria are published in SGEM 2017 Conference Proceedings, Volume 17, Ecology, Economics, Education and Legislation, Issue 53, Environmental Economics, ISBN 978-619-7408-10-2, ISSN 1314-2704, Doi: 10.5593/Sgem2017/53.

I3. Nicolae Onița, Alfa Xenia Lupea, Ioana Șișu, **Monica Elena Lungu**, Elisabeta Ivan - Rev. Chim., 56, nr 12, p. 1261-1263, 2005, ISSN 0034-7752 - NEW α - AMINO PHOSPHONATES CLASSICAL AND MODERN SYNTHESSES

I4. **Lungu M. E.**, Rădițoiu V., Wagner L. Rădițoiu A., Alifanti C., Tărăbășanu-Mihăilă C., Lupea A. X., Rev. Chim., 55, nr.4, p. 244, 2004, ISSN 0034-7752 – VINYL SULFONIC REACTIVE DYES - DERIVATIVES OF THE MONO SULFURIC ESTER OF THE 2-(4-AMINO-BENZENESULFONYL)-ETHANOL

I5. **Lungu M. E.**, Rădițoiu V., Wagner L., Rădițoiu A., Alifanti C., Tărăbășanu-Mihăilă C., Lupea A. X., Rev. Chim., 55, nr 10, p.782, 2004, ISSN 0034-7752 - THE STRUCTURAL CHARACTERIZATION OF SOME DYES, DERIVATIVES OF THE MONO SULFURIC ESTER OF THE 2-(4-AMINO-BENZENESULFONYL)-ETHANOL

I6. **Lungu M.E.**, Rădițoiu V., Rădițoiu A., Alifanti C., Tărăbășanu-Mihăilă C., Lupea A. X., Rev. Chim., 55, nr.6, p.397, 2004, ISSN 0034-7752 – COLOUR AND TINCTORIAL BEHAVIOUR OF REACTIVE VINYL SULFONE DYES - MONO SULFURIC ESTER DERIVATIVES 2-(4-AMINO-BENZENESULFONYL)-ETHANOL

2. Works published in other well-known journals

CNCSIS Category B

LB1. Lupea A. X., **Lungu M. E.** – Chem. Bull. U. P. Timisoara, 55, (2004), MONO CHLORO TRIAZIN REACTIVE DYES

LB2. Oana Brânzan, **Monica Elena Lungu** - Scientific and Technical Bulletin, “Aurel Vlaicu” University of Arad Year XII, Vol. XI, 2006, p.202-207, ISSN 1582-1021- ILLEGAL WASTE LANDFILL, LEGISLATION, PROBLEMS AND ECOLOGICAL RECONSTRUCTION

LB3. Florentina Daniela Munteanu, **Monica Elena Lungu**, Oana Brânzan, Dana Gina Radu - Scientific and Technical Bulletin, “Aurel Vlaicu” University of Arad, Year XII, Vol. XI, 2006, p.259-267, ISSN 1582-1021 – THE UNECOLOGICAL WASTE DUMP IN ARAD CITY, IN DETERMINATION OF POLLUANTS

LB4. L.Hălmăgean, Oana Brânzan, Căldia Craiu, **Monica Lungu**, Gheorghe Iancu - Scientific and Technical Bulletin, “Aurel Vlaicu” University of Arad, Year IX, Vol. VIII, 2003, p.94-98, ISSN 1582-1021

CNCSIS Category C

LC1. **Lungu M. E.**- „Aurel Vlaicu” University Annals, The Chemistry Series, p.114- 121, 2004, ISSN 1582-3415 – SYNTHESIS OF SOME HETEROFUNCTIONAL REACTIVE DYES

LC2. Lungu M. E.- „Aurel Vlaicu” University Annals, The Chemistry Series, p.107-113, 2004, ISSN 1582-3415 - THE TINCTORIAL BEHAVIOUR OF SOME MONO CHLORO TRIAZIN REACTIVE DYES

LC3. Zdemțan M., Ivașcu A., **Lungu M.E.-** “Scientific researches – Horticulture - Banat University of Agricultural Sciences and Veterinary Medicine, year VIII”, Publisher: Agroprint, p. 397-402, 2004, ISSN 1453-1402 – BLENDING BEAUTY AND UTILITY IN SOME FRUIT TREE CREATIONS

LC4. Zdemțan M, Ivașcu A., **Lungu M.E-** “Scientific researches – Horticulture - Banat University of Agricultural Sciences and Veterinary Medicine, year VIII”, Publisher: Agroprint, p. 417-422, 2004 , ISSN 1453-1402– ECONOMIC ADVANTAGES AND DISADVANTAGES OF NECTAR CULTURE

LC5. Lungu Monica - „Aurel Vlaicu“ University Annals, Textile Series, p.156-161, 2002, ISSN 1582-3431- NEW DIRECTIONS OF THE SYNTHESIS AND APPLICATION IN THE REACTIVE DYE INDUSTRY

LC6.Lungu M.E.- XXIIND SESSION OF SCIENTIFIC COMMUNICATION , IP „Traian Vuia“, 1981 –H ACID MANUFACTURING PROCESS

D. Articles published in the volumes of some well-known international scientific manifests

Vi1. Eugenia Țigan, Oana Brînzan, **Monica Lungu** , Anda Ioana Milin, *Ecolabeling in touristic accommodation structures - an integral part of sustainable management*, 17 International Multidisciplinary Scientific GeoConference **SGEM 2017**, Bulgaria are published in SGEM 2017 Conference Proceedings, Volume 17, Ecology, Economics, Education and Legislation, Issue 53, Environmental Economics, ISBN 978-619-7408-10-2, ISSN 1314-2704, 2017 Doi: 10.5593/Sgem2017/53.

Vi2. Eugenia Țigan, Oana Brînzan, Monica Lungu , Anda Ioana Milin, Case study on people's perceptions of air quality, Volume 17, Ecology, Economics, Education and Legislation, Issue 53, ISSN 1314-2704, 2017, Doi: 10.5593/Sgem2017/53

Vi3. Monica SZABO, Mihaela DOCHIA, Monica LUNGU -Research study in the dimensional stability of interlock 1:1 knitted fabrics made off cotton yarns Scientific Research & Education in the Air Force-AFASES

Vi4. Nicolae Onița, Ioana Șișu, **Monica Elena Lungu**, Elisabeta Ivan- "The 41st Symposium on Agriculture in Croatia”, p.781-782, 2006, ISBN 953-6331-39-X, HERBICIDAL ACTIVITY OF A NEW SERIES OF ALPHA AMINOPHOSPHONATES

Vi5. Zdemțan M., Ivașcu A., Chiș S., **Lungu M** - THE IInd International Symposium on "Environmental Resources and Sustainable Development", University of Oradea, Faculty of Environmental Protection, and, University of Debrecen, Faculty of Agricultural Sciences, ISBN 973-613-898-4,2005, pag.505-512 – ORIENTATION DIRECTIONS FOR PEACH INTEGRATED PRODUCTION IN ROMANIA

Vi6. Zdemțan M., Ivașcu A., **Lungu M. E.-** “The VIth Food Science international conference ”, Szeged, p. 174-176, 2004, ISSN 1453-1402 – NEW ROMANIAN PEACH VARIETIES

Vi7. Zdremțan M., Canțar L., Hălmăgean L., Calinovici I., Creț I., Gabruș R., **Lungu M. E.** - "The XXXIXth Symposium on Agriculture in Croatia", p. 151-153, 2004, ISBN 953-6135-40-X – EMBRYO-GENETIC APTITUDES OF SOME INTRA-SPECIFIC TOBACCO HYBRIDS OF THE BURLEY AND VIRGINIA TYPE AND OF SOME INTER-SPECIFIC TOBACCO HYBRIDS OF THE NICOTIANA TABACUM X NICOTIANA

Vi8. Țigan E., Lungu M.E. - Progetto di Ricerca „Biodiversità di Specie ad Elevato Valore Nutraceutico ed Agroenergetico” (**Agro.Bio.**), Bari, 08/09 Mai 2013

2. Works published in the volumes of some national scientific manifests with international participation

Li1. Florentina MUNTEANU, I.CALINOVICI, V.CIUTINA, Monica LUNGU, Oana BRÂNZAN, P.HAC - Researches concerning stopping the extinction of invasive species of plants from Mures Floodplain Natural Park - http://uav.ro/files/fiatpm/cercetare/2016/Book%20of%20Abstracts_ISREIE%202016.pdf

Li2. M.Zdremțan, D.Diaconescu, M.Meșter, V.Ciutina, L. Hălmăgean, M.Lungu STUDY REGARDING THE INFLUENCE OF WATER ON PRESERVATION OF COURGETTES BY LACTIC FERMENTATION - http://uav.ro/files/fiatpm/cercetare/2016/Book%20of%20Abstracts_ISREIE%202016.pdf

Li3. Oana Brânzan, **Lungu Monica**, Lucian Hălmăgean – International conference "Environmental protection practices and experiences" - 21-23 November 2007, Ecomediu, Arad, p.97 -98, 2007, ISBN 978 – 973 – 88307 – 5 – 2, BIOLOGICAL AND VEGETABLE WASTE COMPOST IN INDIVIDUAL HOUSEHOLDS

Li4. Oana Brânzan, **Lungu Monica** - International conference "Environmental protection practices and experiences" - 22-24 November 2006, Ecomediu, Arad, p.91 - 94,2006, ISBN 973-87353-2- 7, AGRO MEASURES – PROTECTIONISTS IN THE NEW EUROPEAN UNION COMMUNITY

E. Patents:

E1. Patent no.121924 from 30.07.2008 for „ A method for the determination of the softening effect of some textile materials ”

E1. Patent no. 100681 from 27.02.1990 for “Finishing process for knitted fabrics made of cellulose and mixed fibers”

F. Research projects – development– innovation

Pn1. The laboratory to pilot scale distillation to the practice of students - CNFISFDI 2018-0347 - member

Pn2. Ways to Ensure Equity in Education and to Increase Access to Higher Education - CNFIS-FDI-2016-0046 - Member

Pn3. European Structural Funds Project no. 131980 „Re-activ on the labour market! Professional integration of disadvantaged categories on the labor market”, POS_DRU 2007-2013, 5.1 - „Development and implementation of active occupation measures for the West region”, 2014 – 2015 – Activity coordinator P4

Pn4. European Structural Funds Project no. 128939 „Rural progress! Sustainable development of West and North-West rural areas”, POS_DRU 2007-2013, - 2014 – 2015 – Activity coordinator P4

Pn5. European Structural Funds Project POSDRU/155/1.2/S/136180 „Internationalization, equity and university management for quality higher education (IEMU)” handed in within the project proposition request of priority Axis 1 „Education and professional training sustaining economic growth and a society development based on knowledge” - Expert short term

Pn6. European Union Structural Funds Project no. 80121 "Placing disadvantaged unemployed people in the labour market in conditions of economic recession”, POS_DRU 2007-2013, 5.1 - „Development and implementation of current measures of occupation in the West region”, 2010 – 2012 –member

Pn7. European Union Structural Funds Project no. 78640 „Placing unemployed young people in the labour market ”, POS_DRU 2007-2013, 5.1 - „Development and implementation of current measures of occupation in the West region”, 2010 – 2012 – member

Pn8. European Union Structural Funds Project no. 78279 „Supporting the integration of unemployed into the labor market" deposited through the project proposal request no.104, 5.1 - „Development and implementation of current measures of occupation in the North-West region”, 2010 – 2012 - member

Pn9. European Union Structural Funds Project no. 9460 – Department of training and professional assistance in the health sector - Human resources sectoral operational developing program 2007 – 2013. Priority axis 3 –3.2. Professional training and support for enterprises and employees for the promoal of adaptability - 320 000 euro - partner project manager .

Pn10.Preparation of a feasibility study to neutralize the landfill of Arad, located in Câmpul Liniștii street, contact no.25579/19.06.2006 – member of collective- 70 000 RON

Pn11.Sectoral project no.34/201165 – Research systems concerning the levels of protection of the environment in the textile and leather industry – UAV – partner P3 – 20000 RON – span 2007-2008- member of collective

Pn12. Project no. 147/2008 Grupul Școlar de Industrie Alimentară Arad - The environment and us – Educational campaign for the environmental protection - project manager

Pn13. Project no.276/2008 with Grup Școlar Industrial „Aurel Vlaicu” Arad - The environment and us – Educational campaign for the environmental protection - project manager

Pn14. Project no.244/2008 with Grup Școlar „Csiky Gergely” Arad - The environment and us– Educational campaign for the environmental protection - project manager

Pn15. Project no.146/2008 with Grup Școlar Forestier Arad - The environment and us – Educational campaign for the environmental protection - project manager

Pn16. Project nor.22/2008 with Sindicatul Liber din Învățământul Arădean - The environment and us – Educational campaign for the environmental protection - project manager

Pn17. Contract with Grup Școlar Industrial „Aurel Vlaicu” Arad nr. 2044/13.07.2007, Environmental protection education in 5 hours, span May-June 2007 – project manager

International projects

Pi1. RO02 Program - Biodiversity and Ecosystem Services - Stopping the Extension of Invasive Plant Species in Lunca Mureș Natural Park - Member

Pi2. Workshop – Alongside children with special needs, for a day– Nutrition and Nourishment field Partnership no. 32/27.10.2007 with Agenția Internațională de Cooperarea a Japoniei, Direcția Generală de Asistență Socială și Protecția Copilului Arad, Fundația Pro Prietenia, Asociația de Formare și Consiliere Nădlac, span 3.11.2007- project manager

Pi3. Project with Agenția Internațională de Cooperare a Japoniei (JICA), JICA Alumni, Centrul Carpato –Danubian – The environment and us – project manager

Pi4. TÜV Rheiland Romania - Contract cadru RO-0028-2008 – Training courses in the Management Systems field - project manager

Pi5. Bilateral project Romanian Academy - Russian Academy Science Foundation „Immobilised enzymes on/in cryogel type polymer”- New biomaterials 2008-2009 – member of collective

Pi6. Progetto di Ricerca „Biodiversità di Specie ad Elevato Valore Nutraceutico ed Agroenergetico” (**Agro.Bio.**)- member of collective.

Arad, 19.02.2019

