

Lista lucrari

Nume : Lobiuc Andrei

a) Lista 10 lucrari cele mai relevante

1. Paval, Naomi-Eunicia; Caliman-Sturdza, Olga Adriana; Lobiuc, Andrei; Dimian, Mihai; Sirbu, Ioan-Ovidiu; Covasa, Mihai (2025) MicroRNAs in long COVID: roles, diagnostic biomarker potential and detection HUMAN GENOMICS DOI: 10.1186/s40246-025-00810-0
2. Lobiuc, Andrei; Groppa, Liliana; Chislari, Lia; Russu, Eugeniu; Homitchi, Marinela; Ciorescu, Camelia; Hamamah, Sevag; Bran, I. Codruta; Covasa, Mihai (2025) Gut microbiota and ankylosing spondylitis: current insights and future challenges MICROBIAL CELL DOI: 10.15698/mic2025.08.857
3. Caliman-Sturdza, Olga A.; Hamamah, Sevag; Iatcu, Oana C.; Lobiuc, Andrei; Bosancu, Anca; Covasa, Mihai (2025) Microbiome and Long COVID-19: Current Evidence and Insights INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms262010120
4. Constantinescu-Bercu, A; Lobiuc, A; Caliman-Sturdza, OA; Oita, RC; Iavorschi, M; Paval, NE; Soldanescu, I; Dimian, M; Covasa, M (2024) Long COVID: Molecular Mechanisms and Detection Techniques INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms25010408
5. Lobiuc, A; Paval, NE; Dimian, M; Covasa, M; Ibrahim, SA (2023) Nanopore Sequencing Assessment of Bacterial Pathogens and Associated Antibiotic Resistance Genes in Environmental Samples MICROORGANISMS DOI: 10.3390/microorganisms11122834
6. Soldanescu, I; Lobiuc, A; Covasa, M; Dimian, M (2023) Detection of Biological Molecules Using Nanopore Sensing Techniques BIOMEDICINES DOI: 10.3390/biomedicines11061625
7. Rosenhech, Elida; Lobiuc, Andrei; Boz, Irina; Zamfirache, Maria-Magdalena (2025) The Phytochemical Potential of Viola Species, Melanium Subgenus, Subsection Bracteolatae, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms262311614
8. Teliban, GC; Paval, NE; Mihalache, G; Burducea, M; Stoleru, V; Lobiuc, A (2025) Modulated Light Elicitation and Associated Physiological and Molecular Processes in Phenolic Compounds Production in Ocimum basilicum L. Microgreens HORTICULTURAE DOI: 10.3390/horticulturae11010056
9. Lobiuc, A; Stoleru, V; Gheorghita, R; Burducea, M (2024) The Effect of Municipal Biosolids on the Growth, Physiology and Synthesis of Phenolic Compounds in Ocimum basilicum L. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms25010448
10. Lobiuc, A; Paval, NE; Mangalagiu, II; Gheorghita, R; Teliban, GC; Amariuca-Mantu, D; Stoleru, V (2023) Future Antimicrobials: Natural and Functionalized Phenolics MOLECULES DOI: 10.3390/molecules28031114

b) **Teza de doctorat:** “Cercetari morfo-anatomice, fiziologice si biochimice comparative la taxoni ai genului *Angelica L. (familia Apiaceae)*”, indrumator Prof. dr. Maria-Magdalena Zamfirache, Facultatea de Biologie, Univ. “Alexandru Ioan Cuza” din Iasi, 2013.

c) Brevete

1. Metodă de obținere a microplantelor de *Ocimum basilicum L.* prin modularea spectrului luminos, cerere nr. a 2024 00377, autori: **Lobiuc Andrei**, Covașă Mihai,

Gheorghita Roxana, Paval Naomi Eunicia, publicată în BOPI 12/2025

2. Iaurt cu microcapsule cu suc natural de fructe si procedeu de obtinere, brevet numarul RO137317 (A2) — 30.03.2023, autori: Gheorghita Roxana, Dabija Adriana, Covașă Mihai, **Lobiuc Andrei**, Iațcu Camelia Oana
3. Brevet de Invenție Nr. 134359 - IAURT HIPOCALORIC ȘI HIPOGLICEMIC, ȘI PROCEDEU DE OBȚINERE A ACESTUIA, autori: Dabija Adriana, Covașă Mihai, **Lobiuc Andrei**, Iațcu Camelia Oana, Avătămăniței Sebastian-Andrei
4. Brevet de Invenție Nr. 134358 - IAURT FUNCȚIONAL CU INDICE GLICEMIC REDUS, ȘI PROCEDEU DE OBȚINERE A ACESTUIA, autori: Dabija Adriana, Covașă Mihai, **Lobiuc Andrei**, Iațcu Camelia Oana, Avătămăniței Sebastian-Andrei

d) **Capitole in carti :**

1. Toma, A, **Lobiuc**, A, Strungaru, SA, Toma, O (2010) Role of Media Communication in Preventing Natural Disasters in Romania, Nato Science for Peace and Security Series E-Human and Societal Dynamics 80:22-28.
2. **Lobiuc**, A, Toma, A, Toma, O (2010) Opportunities for using World Wide Web Platforms as Knowledge-Transfer Systems in the Disaster Management Process, Nato Science for Peace and Security Series E-Human and Societal Dynamics 80:62-69.

e) **lucrari in fluxul national si international:**

1. **Articole in reviste cotate ISI**

1. Caliman-Sturdza, Olga Adriana; Gheorghita, Roxana; Lobiuc, Andrei (2025) Neuropsychiatric Manifestations of Long COVID-19: A Narrative Review of Clinical Aspects and Therapeutic Approaches LIFE-BASEL DOI: 10.3390/life15030439
2. Paval, Naomi-Eunicia; Caliman-Sturdza, Olga Adriana; Lobiuc, Andrei; Dimian, Mihai; Sirbu, Ioan-Ovidiu; Covasa, Mihai (2025) MicroRNAs in long COVID: roles, diagnostic biomarker potential and detection HUMAN GENOMICS DOI: 10.1186/s40246-025-00810-0
3. Lobiuc, Andrei; Groppa, Liliana; Chislari, Lia; Russu, Eugeniu; Homitchi, Marinela; Ciorescu, Camelia; Hamamah, Sevag; Bran, I. Codruta; Covasa, Mihai (2025) Gut microbiota and ankylosing spondylitis: current insights and future challenges MICROBIAL CELL DOI: 10.15698/mic2025.08.857
4. Rosenhech, Elida; Lobiuc, Andrei; Boz, Irina; Zamfirache, Maria-Magdalena (2025) The Phytochemical Potential of Viola Species, MelaniumSubgenus, Subsection Bracteolatae INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms262311614
5. Teliban, GC; Paval, NE; Mihalache, G; Burducea, M; Stoleru, V; Lobiuc, A (2025) Modulated Light Elicitation and Associated Physiological and Molecular Processes in Phenolic Compounds Production in Ocimum basilicum L. Microgreens HORTICULTURAE DOI: 10.3390/horticulturae11010056
6. Constantinescu-Bercu, A; Lobiuc, A; Caliman-Sturdza, OA; Oita, RC; Iavorschi, M; Paval, NE; Soldanescu, I; Dimian, M; Covasa, M (2024) Long COVID: Molecular Mechanisms and Detection Techniques INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms25010408
7. Lobiuc, A; Stoleru, V; Gheorghita, R; Burducea, M (2024) The Effect of Municipal Biosolids on the Growth, Physiology and Synthesis of Phenolic Compounds in Ocimum basilicum L. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms25010448
8. Lobiuc, A; Paval, NE; Dimian, M; Covasa, M; Ibrahim, SA (2023) Nanopore Sequencing Assessment of Bacterial Pathogens and Associated Antibiotic Resistance Genes in Environmental Samples MICROORGANISMS DOI: 10.3390/microorganisms11122834

9. Soldanescu, I; Lobiuc, A; Covasa, M; Dimian, M (2023) Detection of Biological Molecules Using Nanopore Sensing Techniques BIOMEDICINES DOI: 10.3390/biomedicines11061625
10. Lobiuc, A; Paval, NE; Mangalagiu, II; Gheorghita, R; Teliban, GC; Amariuca-Mantu, D; Stoleru, V (2023) Future Antimicrobials: Natural and Functionalized Phenolics MOLECULES DOI: 10.3390/molecules28031114
11. Teliban, GC; Paval, NE; Patras, A; Iavorschi, M; Stoleru, V; Lobiuc, A (2023) LIGHT MODULATED PHENOLIC SYNTHESIS IN CHENOPODIUM QUINOA MICROGREENS AS A POTENTIAL BIOTECHNOLOGICAL TOOL SCIENTIFIC STUDY AND RESEARCH-CHEMISTRY AND CHEMICAL ENGINEERING BIOTECHNOLOGY FOOD INDUSTRY DOI:
12. Lobiuc, A; Sterbuleac, D; Sturdza, O; Dimian, M; Covasa, M (2021) A Conservative Replacement in the Transmembrane Domain of SARS-CoV-2 ORF7a as a Putative Risk Factor in COVID-19 BIOLOGY-BASEL DOI: 10.3390/biology10121276
13. Lobiuc, A; Dimian, M; Gheorghita, R; Sturdza, OAC; Covasa, M (2021) Introduction and Characteristics of SARS-CoV-2 in North-East of Romania During the First COVID-19 Outbreak FRONTIERS IN MICROBIOLOGY DOI: 10.3389/fmicb.2021.654417
14. Fortuna, ME; Lobiuc, A; Cosovanu, LM; Harja, M (2020) Effects of In-Situ Filler Loading vs. Conventional Filler and the Use of Retention-Related Additives on Properties of Paper MATERIALS DOI: 10.3390/ma13225066
15. Morosan, IC; Lobiuc, A; Ivanescu, LC; Olaru, SM; Costica, N; Zamfirache, MM (2020) LUDWIGIA GLANDULOSA (WALTER, 1788) AS A POTENTIAL BIO INDICATOR OF WATER QUALITY CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES DOI: 10.26471/cjees/2020/015/137
16. Vochita, G; Oprica, L; Gherghel, D; Mihai, CT; Boukherroub, R; Lobiuc, A (2019) Graphene oxide effects in early ontogenetic stages of Triticum aestivum L. seedlings ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY DOI: 10.1016/j.ecoenv.2019.06.026
17. Dabija, A; Ardelean, M; Poroch-Seritan, M; Oroian, MA; Buculei, A; Rebenciuc, I; Marti, DT; Lobiuc, A (2019) EFFECT OF ROSEMARY, CLOVE AND OREGANO OIL ON THE PRESERVATION OF VACUUM-PACKAGED HOT SMOKED TROUT FARMACIA DOI: 10.31925/farmacia.2019.5.7
18. Lobiuc, A; Pavel, I; Todorean, R; Avatamanitei, S; Covasa, M (2019) Metagenomic Insights on the Role of Gut Microbiota in Type-2 Diabetes 2019 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) DOI: 10.1109/ehb47216.2019.8970063
19. Ciornea, ET; Grosu, E; Bucur, DE; Lobiuc, A (2018) Biochemical and Physiological Effects of Some Organic and Inorganic Chemical Agents in Capsicum spp. REVISTA DE CHIMIE DOI:
20. Fortuna, ME; Vasilache, V; Ignat, M; Silion, M; Vicol, T; Patras, X; Miron, I; Lobiuc, A (2018) Elemental and macromolecular modifications in Triticum aestivum L. plantlets under different cultivation conditions PLOS ONE DOI: 10.1371/journal.pone.0202441
21. Lobiuc, A; Olaru, S; Hancu, EI; Costica, N; Fortuna, ME; Zamfirache, MM; Constantinescu, G (2018) Toxicity and removal of Direct Red 28 diazo dye in living polymeric systems REVISTA DE CHIMIE DOI:
22. Lobiuc, A; Vasilache, V; Pintilie, O; Stoleru, T; Burducea, M; Oroian, M; Zamfirache, MM (2017) Blue and Red LED Illumination Improves Growth and Bioactive Compounds Contents in Acanic and Cyanic Ocimum basilicum L. Microgreens MOLECULES DOI: 10.3390/molecules22122111
23. Lobiuc, O; Lobiuc, A (2015) Microstructural investigations of wing scales of three Cupido Schrank (Lepidoptera: Lycaenidae: Polyommata) species NORTH-WESTERN JOURNAL OF ZOOLOGY DOI:
24. Lobiuc, A; Olteanu, Z; Stratu, A; Cojocaru, D; Zamfirache, MM (2014) THE EFFECT OF SOME ANGELICA L. SP HYDROSOLS ON SEED GERMINATION AND INITIAL PLANT GROWTH CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES DOI:

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25. Anchidin-Norocel, Liliana; Iatcu, Oana C.; Lobiuc, Andrei; Covasa, Mihai (2025) Heavy Metal-Gut Microbiota Interactions: Probiotics Modulation and Biosensors Detection BIOSENSORS-BASEL DOI: 10.3390/bios15030188
26. Gordeev, Victor; Holzer, Martin; Desiro, Daniel; Goraichuk, Iryna V.; Knyazev, Sergey; Solo-Gabriele, Helena; Skums, Pavel; Karthikeyan, Smruthi; Evans, Alexandria; Agrawal, Shelesh; Lucaci, Alexander G.; Mason, Christopher E.; Su, Justin M.; Gibas, Cynthia; Nagarajan, Niranjani; Peres da Silva, Rafael; Drabcinski, Nicolae; Munteanu, Viorel; Zhan, Lingyu; Rubin, Julia; Wu, Nicholas C.; Trister, Andrew; Ciorba, Dumitru; Bostan, Viorel; Lobiuc, Andrei; Covasa, Mihai; Ophoff, Roel A.; Zelikovsky, Alex; Dimian, Mihai; Mangul, Serghei (2025) Leveraging wastewater sequencing to strengthen global public health surveillance BMC GLOBAL AND PUBLIC HEALTH DOI: 10.1186/s44263-025-00138-w
27. Caliman-Sturdza, Olga A.; Hamamah, Sevag; Iatcu, Oana C.; Lobiuc, Andrei; Bosancu, Anca; Covasa, Mihai (2025) Microbiome and Long COVID-19: Current Evidence and Insights INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms262010120
28. Anchidin-Norocel, Liliana; Bosancu, Anca; Iatcu, Oana C.; Lobiuc, Andrei; Covasa, Mihai (2025) Real-Time Detection of Heavy Metals and Some Other Pollutants in Wastewater Using Chemical Sensors: A Strategy to Limit the Spread of Antibiotic-Resistant Bacteria CHEMOSENSORS DOI: 10.3390/chemosensors13090352
29. Soldanescu, Iuliana; Lobiuc, Andrei; Caliman-Sturdza, Olga Adriana; Covasa, Mihai; Mangul, Serghei; Dimian, Mihai (2025) The Potential of Nanopore Technologies in Peptide and Protein Sensing for Biomarker Detection BIOSENSORS-BASEL DOI: 10.3390/bios15080540
30. Gheorghita, R; Sirbu, IO; Lobiuc, A; Covasa, M (2024) Sodium Alginate-Starch Capsules for Enhanced Stability of Metformin in Simulated Gastrointestinal Fluids BIOMIMETICS DOI: 10.3390/biomimetics9110716
31. Hamamah, S; Lobiuc, A; Covasa, M (2024) Antioxidant Role of Probiotics in Inflammation-Induced Colorectal Cancer INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES DOI: 10.3390/ijms25169026
32. Iatcu, OC; Lobiuc, A; Covasa, M (2024) Micronutrient Patterns and Low Intake of Vitamin A, Vitamin D, Folate, Magnesium, and Potassium Among Prediabetes and Type 2 Diabetes Patients CUREUS JOURNAL OF MEDICAL SCIENCE DOI: 10.7759/cureus.60906
33. Gheorghita, R; Soldanescu, I; Lobiuc, A; Sturdza, OAC; Filip, R; Constantinescu-Bercu, A; Dimian, M; Mangul, S; Covasa, M (2024) The knowns and unknowns of long COVID-19: from mechanisms to therapeutical approaches FRONTIERS IN IMMUNOLOGY DOI: 10.3389/fimmu.2024.1344086
34. Gheorghita, RE; Lupaescu, AV; Gatlan, AM; Dabija, D; Lobiuc, A; Iatcu, OC; Buculei, A; Andriesi, A; Dabija, A (2024) Biopolymers-Based Macrogels with Applications in the Food Industry: Capsules with Berry Juice for Functional Food Products GELS DOI: 10.3390/gels10010071
35. Popa, LD; Teliban, GC; Buterchi, I; Burducea, M; Isticioaia, SF; Nenciu, F; Leonte, A; Buburuz, AA; Pintilie, AS; Bodale, I; Cojocaru, A; Lobiuc, A; Stoleru, V (2024) PHYSIOLOGICAL, BIOCHEMICAL AND AGROPRODUCTIVE CHARACTERISTICS OF HEMP MICROGREENS IN DIFFERENT GROWING ENVIRONMENTS SCIENTIFIC PAPERS-SERIES A-AGRONOMY DOI:
36. Ungureanu, E; Fortuna, ME; Topa, D; Lobiuc, A; Ungureanu, OC; Jitareanu, DC (2023) Design of Functional Polymer Systems to Optimize the Filler Retention in Obtaining Cellulosic Substrates with Improved Properties MATERIALS DOI: 10.3390/ma16051904
37. Hamamah, S; Gheorghita, R; Lobiuc, A; Sirbu, IO; Covasa, M (2022) Fecal microbiota transplantation in non-communicable diseases: Recent advances and protocols FRONTIERS IN MEDICINE DOI: 10.3389/fmed.2022.1060581
38. Puscaselu, RG; Lobiuc, A; Sirbu, IO; Covasa, M (2022) The Use of Biopolymers as a Natural Matrix for Incorporation of Essential Oils of Medicinal Plants GELS DOI: 10.3390/gels8110756

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39. Puscaselu, RG; Lobiuc, A; Gutt, G (2022) The Future Packaging of the Food Industry: The Development and Characterization of Innovative Biobased Materials with Essential Oils Added GELS DOI: 10.3390/gels8080505
40. Burducea, M; Lobiuc, A; Dirvariu, L; Oprea, E; Olaru, SM; Teliban, GC; Stoleru, V; Poghir, VA; Cara, IG; Filip, M; Rusu, M; Zheljazkov, VD; Barbacariu, CA (2022) Assessment of the Fertilization Capacity of the Aquaculture Sediment for Wheat Grass as Sustainable Alternative Use PLANTS-BASEL DOI: 10.3390/plants11050634
41. Burducea, M; Ardelean, M; Popa, C; Lobiuc, A; Marti, TD; Barbacariu, CA (2022) BIOSOLIDS' USE INFLUENCES THE SYNTHESIS OF PHENOLIC COMPOUNDS AND THE ANTIOXIDANT ACTIVITY OF BASIL EXTRACTS FOR PHYTOPHARMACOLOGICAL PURPOSES FARMACIA DOI: 10.31925/farmacia.2022.1.16
42. Barbacariu, CA; Burducea, M; Dirvariu, L; Oprea, E; Lupu, AC; Teliban, GC; Agapie, AL; Stoleru, V; Lobiuc, A (2021) Evaluation of Diet Supplementation with Wheat Grass Juice on Growth Performance, Body Composition and Blood Biochemical Profile of Carp (Cyprinus carpio L.) ANIMALS DOI: 10.3390/ani11092589
43. Massaoudi, Y; Anissi, J; Lefter, R; Lobiuc, A; Sendide, K; Ciobica, A; El Hassouni, M (2020) Protective Effects of Two Halophilic Crude Extracts from Pseudomonas zhaodongensis and Bacillus stratosphericus against Memory Deficits and Anxiety- and Depression-Like Behaviors in Methionine-Induced Schizophrenia in Mice Focusing on Oxidative Stress Status EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE DOI: 10.1155/2020/8852418
44. Aelenei, P; Rimbu, CM; Horhoge, CE; Lobiuc, A; Neagu, AN; Dunca, SI; Motrescu, I; Dimitriu, G; Aprotosoiaie, AC; Miron, A (2020) Prenylated phenolics as promising candidates for combination antibacterial therapy: Morusin and kuwanon G SAUDI PHARMACEUTICAL JOURNAL DOI: 10.1016/j.jsps.2020.08.006
45. Puscaselu, RG; Lobiuc, A; Dimian, M; Covasa, M (2020) Alginate: From Food Industry to Biomedical Applications and Management of Metabolic Disorders POLYMERS DOI: 10.3390/polym12102417
46. Petraru, OM; Groza, VM; Lobiuc, A; Bejenaru, L; Popovici, M (2020) Dental microwear as a diet indicator in the seventeenth-century human population from Iasi City, Romania ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES DOI: 10.1007/s12520-020-01159-2
47. Teliban, GC; Stoleru, V; Burducea, M; Lobiuc, A; Munteanu, N; Popa, LD; Caruso, G (2020) Biochemical, Physiological and Yield Characteristics of Red Basil as Affected by Cultivar and Fertilization AGRICULTURE-BASEL DOI: 10.3390/agriculture10020048
48. Almeida, J; Fortuna, ME; Pricop, L; Lobiuc, A; Leite, A; Silva, AMN; Monteiro, RP; Rangel, M; Harabagiu, V; Silva, AMG (2019) (Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes JOURNAL OF PORPHYRINS AND PHTHALOCYANINES DOI: 10.1142/S1088424619500573
49. Burducea, M; Lobiuc, A; Asandulesa, M; Zaltariov, MF; Burducea, I; Popescu, SM; Zheljazkov, VD (2019) Effects of Sewage Sludge Amendments on the Growth and Physiology of Sweet Basil AGRONOMY-BASEL DOI: 10.3390/agronomy9090548
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51. Cojocaru, FD; Balan, V; Popa, MI; Lobiuc, A; Antoniac, A; Antoniac, IV; Verestiuc, L (2019) Biopolymers - Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES DOI: 10.1016/j.ijbiomac.2018.12.083



52. Duceac, IA; Lobiuc, A; Coseri, S; Verestiuc, L (2019) Tunable Hydrogels based on Chitosan, Collagen and Poly(Acrylic Acid) for Regenerative Medicine 2019 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) DOI: 10.1109/ehb47216.2019.8969886
53. Burducea, M; Zheljazkov, VD; Dincheva, I; Lobiuc, A; Teliban, GC; Stoleru, V; Zamfirache, MM (2018) Fertilization modifies the essential oil and physiology of basil varieties INDUSTRIAL CROPS AND PRODUCTS DOI: 10.1016/j.indcrop.2018.05.021
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55. Onofrei, V; Teliban, GC; Burducea, M; Lobiuc, A; Sandu, CB; Tocai, M; Robu, T (2017) Organic foliar fertilization increases polyphenol content of *Calendula officinalis* L. INDUSTRIAL CROPS AND PRODUCTS DOI: 10.1016/j.indcrop.2017.08.055
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58. Onofrei, V; Burducea, M; Lobiuc, A; Teliban, GC; Ranghiuc, G; Robu, T (2017) INFLUENCE OF ORGANIC FOLIAR FERTILIZATION ON ANTIOXIDANT ACTIVITY AND CONTENT OF POLYPHENOLS IN *OCIMUM BASILICUM* L. ACTA POLONIAE PHARMACEUTICA DOI:
59. Burducea, M; Lobiuc, A; Costica, N; Zamfirache, MM (2016) THE INFLUENCE OF PRECEDING PLANT CULTIVATION ON GROWTH AND PHYSIOLOGY OF AN *OCIMUM BASILICUM* L. CULTIVAR SCIENTIFIC PAPERS-SERIES B-HORTICULTURE DOI:

2. Articole in reviste cotate BDI, ca si autor principal

- **Lobiuc A., Damian C., Naela C., Leahu A. (2017) Morphological And Biochemical Parameters In Chemically Elicited Rye Sprouts, Studia Universitatis Vasile Goldis Seria Stiintele Vietii (Life Sciences Series), 27(3):157-1**
- **Lobiuc, A.; Boz, I.; Stratu, A.; Zamfirache, M.-M. (2017) Preliminary Aspects On The Phytotoxicity Of Some Thymus Spp. Aqueous Extracts, Analele Stiintifice Ale Universitatii Alexandru Ioan Cuza Din Iasi. Sectiunea II A, Genetica Si Biologie Moleculara .**
- **Stratu A., Lobiuc A. (2015) The Influence Of Lead On Seed Germination And Seedlings Growth Of *Ocimum Basilicum* L. And *Salvia Coccinea* Buchoz Ex Etl. Species, Analele Stiintifice ale Universitatii "Al. I. Cuza" din Iasi: Biologie Vegetala, Serie Noua. Sectiunea II A; Iasi 1/2 : 39-47**
- **Stratu A., Olteanu Z., Lobiuc A. (2015) Effect of Aqueous Extracts from Weed Species on Germination and Initial Growth in *Raphanus sativus* L., Not Sci Biol, 7(4):464-470**
- **Lobiuc A., Cuibari R., Frunzete M., Costica N., Burducea M., Ardelean M., Zamfirache M.-M. (2016) The Effects of *Taxus Baccata* L. Aqueous Extracts on Germination, Seedling Growth and Physiological Parameters of Test Species, Journal of Horticulture, Forestry and Biotechnology 20(2):118-125**
- **Lobiuc Andrei, Ștefan Marius (2009) Cellulolytic microorganisms isolation from different natural habitats – Analele Științifice ale Universității “Al. I. Cuza” Iași, secțiunea II.a. Genetică și Biologie Moleculară, X(1) :60-65**
- **Lobiuc Andrei, Olteanu Zenovia, Mihășan Marius (2010) Studies regarding cellulolytic enzymes production by bacterial strains isolated from natural environments, grown on liquid media with raw and pretreated sawdust – Analele Științifice ale Universității „Alexandru Ioan Cuza”, Secțiunea Genetică și Biologie Moleculară, XI :25-32**

Curry

- **Lobiuc** Andrei, Zamfirache Maria-Magdalena, Ivănescu Lăcrămioara (2012) Comparative anatomical investigations on some species of the genus *Angelica* L. – *Contribuții Botanice*, XLVII, 67-72
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