

Lista lucrari

Nume : **Lobiuc Andrei**

a) **Lista cele mai relevante 10 lucrari:**

1. **Lobiuc, A., Dimian, M., Puscaselu, R., Sturdza, O., & Covasa, M. (2020).** Analysis of genome characteristics and transmission of SARS-CoV-2 strains in North-East of Romania during the first COVID-19 outbreak. *medRxiv*, DOI 10.1101/2020.12.22.20248741.
2. **A. Lobiuc, I. Pavel, R. Todorean, S. Avatamanitei and M. Covasa,** "Metagenomic Insights on the Role of Gut Microbiota in Type-2 Diabetes," 2019 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2019, pp. 1-4, doi: 10.1109/EHB47216.2019.8970063.
3. **Lobiuc, A.; Vasilache, V.; Oroian, M.; Stoleru, T.; Burducea, M.; Pintilie, O.; Zamfirache, M.-M. (2017)** Blue and Red LED Illumination Improves Growth and Bioactive Compounds Contents in Acyanic and Cyanic *Ocimum basilicum* L. Microgreens. *Molecules*, 22, 2111
4. **Aelenei, P., Rimbu, C. M., Horhoge, C. E., Lobiuc, A., Neagu, A. N., Dunca, S. I., ... & Miron, A. (2020).** Prenylated phenolics as promising candidates for combination antibacterial therapy: Morusin and kuwanon G. *Saudi Pharmaceutical Journal*, 28(10), 1172-1181.
5. **Fortună M.E., Vasilache V., Ignat M., Sillion 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* 13(8): e0202441
6. **Vochita, G., Oprica, L., Gherghel, D., Mihai, C. T., Boukherroub, R., & Lobiuc, A. (2019).** Graphene oxide effects in early ontogenetic stages of *Triticum aestivum* L. seedlings. *Ecotoxicology and environmental safety*, 181, 345-352.
7. **Yousra Massaoudi, Jaouad Anissi, Radu Lefter, Andrei Lobiuc, Khalid Sendide, Alin Ciobica, Mohammed El Hassouni,** 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*, vol. 2020, Article ID 8852418, 18 pages, 2020.
8. **Gheorghita Puscaselu, R., Lobiuc, A., Dimian, M., & Covasa, M. (2020).** Alginate: From food industry to biomedical applications and management of metabolic disorders. *Polymers*, 12(10), 2417.
9. **Cojocaru, F. D., Balan, V., Popa, M. I., Lobiuc, A., Antoniac, A., Antoniac, I. V., & Verestiuc, L. (2019).** Biopolymers–Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering. *International journal of biological macromolecules*, 125, 612-620.
10. **Petraru, O. M., Groza, V. M., 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*, 12(8), 1-13.

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.

Lobiuc

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) **Articole publicate in reviste din fluxul international**

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1. **Lobiuc**, A.; Vasilache, V.; Oroian, M.; Stoleru, T.; Burducea, M.; Pintilie, O.; Zamfirache, M.-M. (2017) Blue and Red LED Illumination Improves Growth and Bioactive Compounds Contents in Acyanic and Cyanic *Ocimum basilicum* L. Microgreens. *Molecules*, 22, 2111
2. Vochita, G., Oprica, L., Gherghel, D., Mihai, C. T., Boukherroub, R., & **Lobiuc**, A. (2019). Graphene oxide effects in early ontogenetic stages of *Triticum aestivum* L. seedlings. *Ecotoxicology and environmental safety*, 181, 345-352.
3. **Lobiuc** A., Olaru S., Hancu E.I., Costica N., Fortuna M.E., Zamfirache M.-M., Constantinescu G. (2018), Toxicity and removal of Direct Red 28 diazo dye in living polymeric systems, *Revista de Chimie*, 69(7):1628-1635
4. **Lobiuc** Andrei, Zamfirache Maria-Magdalena, Stratu Anișoara, Olteanu Zenovia, Cojocaru Dumitru – 2014, The effect of some *Angelica* L. sp. hydrosols on seed germination and initial plant growth, *Carpathian Journal of Earth and Environmental Sciences*, 9(1)
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8. **Lobiuc** Odette, **Lobiuc** Andrei – 2014, Microstructural investigations (SEM) of wing scales of three *Cupido* Schrank (Lepidoptera:Lycaenidae:Polyommatainae) taxa, *North Western Journal of Zoology* 11(1):8-15
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ISI, contributor

1. Cojocaru, F. D., Balan, V., Popa, M. I., **Lobiuc**, A., Antoniac, A., Antoniac, I. V., & Verestiuc, L. (2019). Biopolymers–Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering. *International journal of biological macromolecules*, 125, 612-620.
2. Burducea, Zheljaskov V.D., Dincheva I., **Lobiuc** A., Teliban G.C., Stoleru V., Zamfirache M.-M. (2018), Fertilization modifies the essential oil and physiology of basil varieties, *Industrial Crops and Products*, 121, 282-293.

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14. Yousra Massaoudi, Jaouad Anissi, Radu Lefter, Andrei **Lobiuc**, Khalid Sendide, Alin Ciobica, Mohammed El Hassouni, "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*, vol. 2020, Article ID 8852418, 18 pages, 2020.
15. Petraru, O. M., Groza, V. M., **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*, 12(8), 1-13.
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2. **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*.
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10. **Lobiuc Odette**, **Lobiuc Andrei** (2013) Micromorphological (SEM) aspects of wing scales of some Polyommatainae (Lepidoptera:Lycaenidae) taxa, *Analele Științifice ale Universității „Alexandru Ioan Cuza” Iași, Secțiunea I, Biologie animală*, LIX :35-40
11. Stratu Anișoara, Codiță Rafaela, Costică Naela, **Lobiuc Andrei** (2014) The influence of zinc on seed germination and seedlings growth of *Salvia coccinea* Buchoz ex Etl., *Analele Științifice ale Universității „Al. I. Cuza” Iași s. II a. Biologie vegetală*, 60, 1: 52-59
12. Liliana, Luca, OROIAN, M., & **LOBIUC, A.** (2019). THE PREBIOTIC POTENTIAL OF SOME CARBOHYDRATE SUBSTRATES ON THE GROWTH OF *Lactobacillus plantarum* AND *Lactobacillus rhamnosus*. *Food and Environment Safety Journal*, 18(2).
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g) Alte lucrari

1. **Lobiuc, A., Dimian, M., Puscaselu, R., Sturdza, O., & Covasa, M. (2020).** Analysis of genome characteristics and transmission of SARS-CoV-2 strains in North-East of Romania during the first COVID-19 outbreak. *medRxiv*, DOI 10.1101/2020.12.22.20248741.
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h) Date de contact – recomandare

Nume: Vochita

Prenume: Gabriela

Institutie: Institutul National pentru Cercetare-Dezvoltare in Stiinte Biologice, Academia Romana, filiala Iasi – 40741142032, gabrielacapraru@yahoo.com

Nume: Ivănescu

Prenume: Bianca

Institutie: "Gr T Popa" University of Medicine and Pharmacy, Faculty of Pharmacy, Department of Pharmaceutical Botany, 16 University Street, 700115, Iasi, Romania

E-mail: bianca.ivanescu@umfiasi.ro biancaivanescu@yahoo.com

Nume: MIHAI

Prenume: Cosmin-Teodor

Institutie: CEMEX, "Gr T Popa" University of Medicine and Pharmacy, 16 University Street, 700115, Iasi, Romania

Email: mihai.cosmin.teo@gmail.com

