

Activitatea didactică (cursuri, seminarii, lucrări practice conduse)

Disciplina	Perioada		
	Curs	Lucrari practice	Proiecte
Ecologie și protecția mediului I	2003-prezent		
Poluarea și protecția mediului	2003-prezent		

Domeniul de cercetare

Biotehnologie

Membru în organizații științifice și profesionale naționale și internaționale

Membru a organizațiilor:

Membru fondator al Societății Independente de Protecția Mediului

Membru al Societății de Chimie din România

Membru fondator al Societății Managerilor de Mediu

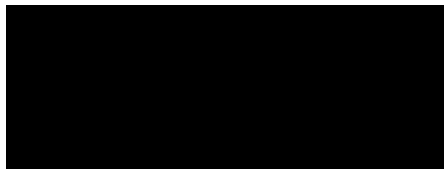
Membru al colegiului de redacție al revistei : Science and technology of ENVIRONMENTAL PROTECTION

Membru al Consiliului National al Cercetării Științifice din Învățământul Superior (CNCSIS)

Expert al UNESCO în politica științei

Membru în colective de redacție (de specialitate)

Science and Technology of Environmental Protection



Publicații
Lányi Szabolcs
2010–2020

Articol științific - Lucrări științifice publicate în reviste cotate ISI

2020

Bálint János, Balog Adalbert, Lányi Szabolcs, Máthé István, Szabó Károly-Attila, Turóczi Botond, Bakonyi József, In vitro and in vivo effect of poplar bud extracts on *Phytophthora infestans*: a new effective biological method in potato late blight control, *Plants*, Vol. 9, No 210, 2020, pp. 1–12.

2019

Both-Fodor Márta, Miklóssy Ildikó, Sinkler Réka, Lányi Szabolcs, Antal Emőke, Bartos Hunor, METABOLIC ENGINEERING OF *E. COLI*: INFLUENCE OF GENE DELETIONS AND HETEROLOGOUS GENES ON PHYSIOLOGICAL TRAITS, *Studia Universitatis Babeș-Bolyai, Studia Chemia*, Vol. 64, No 2, 2019, pp. 159–174.

Zsolt Bodor, Ildikó Miklóssy, Szabolcs Lányi, Beáta Albert, Aurelia Cristina Nechifor, Katalin Bodor, Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in *Escherichia coli*, *REVISTA DE CHIMIE*, Vol. 353, 2019, pp. 1–13.

Zsolt Bodor, Szabolcs Lányi, Beáta Albert, Erika Kovács, Andrea Iuhasz FAZAKAS, Using genome-scale model to predict the metabolic engineering impact on *Escherichia coli* metabolism during succinic acid production optimization, *Romanian Biotechnological Letters*, Vol. 1, 2019, pp. 1–15.

2018

Ábrahám Beáta, Crognale Silvia, Lányi Szabolcs, Ráduly Botond, Stazi Silvia Rita, BIOGAS PRODUCTION FROM CORN BIOETHANOL WHOLE STILLAGE: EVALUATION OF TWO DIFFERENT INOCULA, *Environmental Engineering and Management Journal*, Vol. 17, No 5, 2018, pp. 1021–1028.

Ábrahám Beáta, Gyenge László, Lányi Szabolcs, Ráduly Botond, Stazi Silvia Rita, Crognale Silvia, Biogas production from corn bioethanol whole stillage: evaluation of two different inocula, *Environmental Engineering and Management Journal*, Vol. 2018, No 17/5, 2018, ISSN 1582-9596, pp. 1021–1028.

2017

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Orbán Csongor, Salamon Pál, Korodi Mónika, Nagy Katalin, Bakos Ildikó, Heterologous Expression and Purification of Recombinant Proapoptotic Human Protein Smac/Diablo with EGFP as Fusion Partner, *Studia Universitatis Babeş-Bolyai Chemia*, Vol. 62, No 2, 2017, pp. 333–345.

2016

Ábrahám Beáta, Bodor Zsolt, Csató-Kovács Erika, Lányi Szabolcs, Fazakas Andrea, Production of chemicals with genetically modified *Escherichia coli* strains from renewable resources, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. 61, No 2, 2016, pp. 35–46.

2015

Ábrahám Beáta, Mihok Emőke, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Salamon Rozália Veronika, Funkenhauzer Bernadett, Isolation and Screening of Lactic Acid Bacteria from Naturally Fermented Sources with High Biotechnological Potential, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. LX, No 4, 2015, pp. 95–106.

Ábrahám Beáta, Mihok Emőke, Laslo Éva, Mara Gyöngyvér, Funkenhauzer Bernadett, Salamon Rozália Veronika, Lányi Szabolcs, Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potential, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. 60, No 4, 2015, pp. 95–106.

Ábrahám Beáta, Lányi Sz., Szilagyi L., Szabó M., Péterffy (petres) J., Fluorescence of a Histidine-Modified Enhanced Green Fluorescent Protein (EGFP) Effectively Quenched by Copper(II) Ions. Part II. Molecular Determinants, *JOURNAL OF FLUORESCENCE*, No 25, 2015, pp. 871–883.

Ábrahám Beáta, Lányi Szabolcs, Fazakas Andrea, Systems biology in biochemistry and sustainable biotechnology: succinic acid from renewable resources by *Escherichia coli*, *REVISTA*

2014

Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Szentes Sarolta, Radu Gabriel-Lucian, Indole-3-Acetic Acid Producing Bacteria and Their Effect on the Growth of *Pisum Sativum*, *STUDIA UBB CHEMIA*, Vol. LX, No 2, 2014, pp. 63–69.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Szabó Mária, Bálint Emese-Éva, Comparative study of green fluorescent protein mutants, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. LIX, No 0, 2014, pp. 135–147.

Ábrahám Beáta, Lányi Szabolcs, Laslo Éva, Fazakas Andrea, Isolation of succinic acid-producing *Escherichia coli* from animal faeces, *Studia Universitatis "Babeş Bolyai", Seria Chemica*, Vol. LIX, No 59, 2014, pp. 177–185.

Ábrahám Beáta, Lányi Szabolcs, Fazakas Andrea, Systems biology and metabolic engineering for obtaining *E. coli* mutants capable to produce succinate from renewable resources, *Romanian Biotechnological Letters*, No 4, 2014

2013

Benedek Tibor, Lányi Szabolcs, Márialigeti Károly, Máthé István, Tánicsics András, Vajna Balázs, Remarkable impact of PAHs and TPHs on the richness and diversity of bacterial species in surface soils exposed to long-term hydrocarbon pollution, *World Journal of Microbiology and Biotechnology*, Vol. 29, No 11, 2013, ISSN 0959-3993, pp. 1989–2002.

Ábrahám Beáta, Lányi Szabolcs, Ráduly Botond, Szilveszter Szabolcs, In Situ Imaging of Biopolymers and Extracellular Enzymes in Activated Sludge Flocs of a Municipal Wastewater Treatment Plant, *JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY*, Vol. 88, No 7, 2013, ISSN 1097-4660, pp. 1295–1304.

Ábrahám Beáta, Lányi Szabolcs, Ráduly Botond, Szilveszter Szabolcs, In situ imaging of biopolymers and extracellular enzymes in activated sludge flocs of a municipal wastewater treatment plant., *Journal of Chemical Technology and Biotechnology*, Vol. 7, No 88, 2013, pp. 1295–1304.

Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Szentes Sarolta, Radu Gabriel-Lucian, Selection and evaluation of potential biocontrol rhizobacteria from a raised bog environment, *CROP PROTECTION*, Vol. -, No 52, 2013, pp. 116–124.

Ábrahám Beáta, Lányi Szabolcs, Barrena Raquel, Font Xavier, Efficiency of biogas production from corn bioethanol by-products using different inocula, *IEEE Xplore*, No 5, 2013, pp. 1–6.

Ábrahám Beáta, Lányi Szabolcs, Galicza Judit, Kilar Ferenc, Fischer-Fodoréva, Takácsi-Nagy Anna Erzsébet, Vargová Andrea, Internalization and cytotoxicity assays of transferrin complexes into stem cell-like glioblastoma cells, *Studia Universitatis Babeş-Bolyai, Studia Chimia*, Vol. 1,136, No 3, 2013, pp. 33–42.

Lányi Szabolcs, Molnos Éva, Nagy Iosif, Nyilasi Andrea, Rákhely Gábor, Kovács Kornél Lajos, Photofermentative production of hydrogen from organic acids by the purple sulfur bacterium *Thiocapsa roseopersicina*, *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, Vol. 38, No 14, 2013, pp. 5535–5544.

2012

György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Máthé István, Tamás Éva, Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria, *Environmental Engineering and Management Journal*, Vol. 11, No 3, 2012, pp. 675–680.

Ábrahám Beáta, Lányi Szabolcs, Ráduly Botond, Szilveszter Szabolcs, Robescu Dan-Nicolae, Bucs Szilárd, Activated sludge floc characterization by confocal laser scanning microscopy, *Environmental Engineering and Management Journal*, Vol. (11), No 3, 2012, pp. 669674–674.

Ábrahám Beáta, Lányi Szabolcs, Szilveszter Szabolcs, Robescu Niculae Dan, Bucs Szilár, Activated Sludge Floc Characterization by Confocal Laser Scanning Microscopy, *Environmental Engineering and Management Journal*, Vol. 11, No 3, 2012, ISSN 1582-9596, pp. 669–674.

György Éva, Lányi Szabolcs, Mara Gyöngyvér, Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria, *Environmental Engineering and Management Journal*, No 3, 2012, ISSN 15829596, pp. 675–680.

András Csaba Dezső, György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Salamon Rozália Veronika, Szentes Sarolta, The management of N and P nutrition of plant using nitrogen fixing and phosphorus solubilizing bacteria, *Environmental Engineering and Management Journal*, Vol. 2012, No 2, 2012, pp. 371–377.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Szabó Mária, Petres Judit, Possible application of metal sensitive fluorescent proteins in environmental monitoring, *Environmental Engineering and Management Journal*, Vol. 11, No 1, 2012, ISSN 1582-9596, pp. 193–198.

Benedek Tibor, Lányi Szabolcs, Márialigeti Károly, Palatinszky Márton, Tánicsics András, Diversity, activity, antibiotic and heavy metal resistance of bacteria from petroleum hydrocarbon contaminated soils located in Harghita County (Romania), *INTERNATIONAL BIODETERIORATION & BIODEGRADATION*, No 73, 2012, pp. 41–49.

György Éva, Lányi Szabolcs, ISOLATION, CHARACTERIZATION AND IDENTIFICATION OF NITROGEN AND PHOSPHORUS MOBILIZING BACTERIA, *Environmental Engineering and Management Journal*, No 11, 2012

Benedek Tibor, Lányi Szabolcs, Márialigeti Károly, Pásztóhy Zoltán, Salamon Rozália, Rákos Szabolcs, Potential bacterial soil inoculant made up by *Rhodococcus* sp. and *Pseudomonas* sp. for remediation in situ of hydrocarbon- and heavy metal polluted soils, *Studia Universitatis Babeş–Bolyai, Studia Chimica*, No 3, 2012, pp. 199 – 211

András Csaba Dezső, György Éva, Lányi Szabolcs, Salamon Rozália Veronika, Szentes Sarolta, THE MANAGEMENT OF N AND P NUTRITION OF PLANTS USING NITROGEN FIXING AND PHOSPHORUS SOLUBILIZING BACTERIA, *Environmental Engineering and Management Journal*, Vol. 11, No 2, 2012, pp. 371–375.

2011

Csapó János, Lányi Szabolcs, Tamás Melinda, Mándoki Zsolt, Márton Melinda, Mészáros Sándor, Különböző őszi búza (*Triticum aestivum* L.) hajtás és búzaszem összesszelén- és szervesszelén-tartalma, *Acta Agraria Kaposváriensis*, Vol. 1, No 15, 2011, pp. 67–84.

2010

Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Máthé István, Szentes Sarolta, Radu Gabriel-Lucian, Sociomicrobiological properties of antagonistic bacteria isolated from Borsáros Raised Bog, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. 55, No 1, 2010, ISSN 1224-7154, pp. 135–142.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Ráduly Botond, Szilveszter Szabolcs, Robescu Dan-Nicolae, Lab scale sequencing batch reactor (SBR) construction and characterization for dynamic modeling with activated sludge model (ASM), *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. Special issue, No 55, 2010, pp. 119–133.

Ábrahám Beáta, Lányi Szabolcs, Szilveszter Szabolcs, Dan Robescu Niculae, Mathematical models for domestic biological wastewater treatment process, *Environmental Engineering and Management Journal*, Vol. Vol.9, No 5, 2010, ISSN 1582-9596, pp. 629–635.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Orbán Csongor, Galicza Judit, Kilar Ferenc, Preparation and modelling of the structure of transferrin-Fe³⁺-aziridine-carboxylate complex, *Studia Universitatis "Babeş Bolyai", Seria Chemica*, Vol. 55, 2010, pp. 45–52.

András Csaba Dezső, György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Szentes Sarolta, Phosphorus mobilization from different inorganic phosphates by bacteria proposed for biofertilizer, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. Special Issue, No Special Issue, 2010, pp. 89–100.

Lányi Szabolcs, Mara Gyöngyvér, Márialigeti Károly, Tamás Éva, Sipos Rita, Mészáros Éva, Detection of genes from soil bacteria with role in the organic nitrogen and phosphorus mobilization, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. Special Issue, No Special Issue, 2010, pp. 143–153.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Bálint Emese-Éva, Heterologous expression of Granzyme H in *Escherichia coli*, *Studia Universitatis Babeş-Bolyai, Studia Chemia*, Vol. 55, No 1, 2010, pp. 5–9.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Robescu Dan, Lab scale sequencing batch reactor (sbr) construction and characterization for dynamic modeling with activated sludge model (ASM), *Studia Universitatis Babeş-Bolyai, Studia Chemia*, No 55, 2010, pp. 119–133.

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Szabó Mária, Purification and cleaving of the human GITRL expressed as fusion protein, *Studia Universitatis Babeş-*

Bolyai, Studia Chemia, No 55, 2010, pp. 81–88.

Ábrahám Beáta, György Éva, Lányi Szabolcs, Miklóssy Ildikó, Selection of lactic acid bacteria isolated from traditionally manufactured cheeses, *Studia Universitatis “Babeş Bolyai”, Seria Chemia*, Vol. 55, No 1, 2010, pp. 23–30.

György Éva, Lányi Szabolcs, Márialigeti Károly, Albert Beáta, Oancea Florin, Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in Ciuc Mountains, *Romanian Biotechnological Letters*, Vol. 15, No 4, 2010, ISSN 12245984, pp. 5474–5481.

Articol științific - Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

2018

Ábrahám Beáta, Koncz Mihaly, Lányi Szabolcs, Laslo Éva, Toró Szabolcs, Bacterial strains with cellulolytic and xylanolytic activity originated from different isolation sources, *Applied Science Reports*, Vol. 2017, No 17/3, 2017, pp. 86–91., Google Scholar, Journal Citation Value Directory of Research Journals Indexing (DRJI) Research BIBLE

2014

Ábrahám Beáta, Lányi Szabolcs, Fazakas Andrea, In silico modelling and metabolic engineering of *Escherichia coli* to succinic acid production, *University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science*, No 76, 2014, Inspec, Scopus

Ábrahám Beáta, Lányi Szabolcs, Meszaros Sandor, Oancea Florin, Oancea Anca-Olguța, Lăcătușu Radu, Stanciu Burileanu Mihaela Monica, Lungu Mihaela, Selenium biofortification biotechnologies of wheat grain in south -eastern part of Romania for a better human health, *Studia Universitatis „Vasile Goldis” Seria Științele Vieții*, No 24, 2014, ISSN 1584-2363, pp. 47–56., SCOPUS, EBSCO

Ábrahám Beáta, Gyenge László, Lányi Szabolcs, Ráduly Botond, Crognale Silvia, Anaerobic digestion of corn-DDGS: effect of pH-control agitation and batch repetition, *University Politehnica of Bucharest - Scientific Bulletin - Series B - Chemistry and Material Science*, Vol. 2014, No 76/4, 2014, pp. 163–172., Inspec, Scopus

2012

Ábrahám Beáta, Csató-Kovács Erika, Lányi Szabolcs, Szilágyi László, Szabó Mária, Iuhasz Andrea, Efficient refolding of the recombinant human glucocorticoid-induced TNF-related receptor ligand produced in *E. coli* as inclusion bodies, *UPB SCIENTIFIC BULLETIN, SERIES B: CHEMISTRY AND MATERIALS SCIENCE*, Vol. 74, No 1, 2012, pp. 15–20., Cambridge Scientific Abstracts

Ábrahám Beáta, Bodor Zsolt, Both Emese, Gyenge László, György Éva, Lányi Szabolcs, Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer, *University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science*, Vol. 74, No 1, 2012, pp. 27–32., Inspec, Scopus

Szabolcs Lányi, Beáta Ábrahám, Judit Gálicza, Viktor Sándor, Andrea Vargová, Ferenc Kilar, Separation optimization of the molecular forms of transferrin complexes by capillary zone electrohoresis, *UPB SCIENTIFIC BULLETIN, SERIES B: CHEMISTRY AND MATERIALS SCIENCE*, Vol. 74, 2012, Cambridge Scientific Abstracts

2011

Ábrahám Beáta, András Csaba Dezső, Lányi Szabolcs, Kapás Árpád, Dobre Tănase Gheorghe, Vass Erika, Stroescu Marta, Székely Gabr, The kinetics of essential oil separation from fennel by microwave hydrodistillation (MWHd), *U.P.B. Scientific Bulletin, Series B*, Vol. 73, No 4, 2011, pp. 127–130., Scopus

2010

Benedek Tibor, Lányi Szabolcs, Márialigeti Károly, Máthé István, Tánacsics András, Investigation of hydrocarbon-degrading microbial communities of petroleum hydrocarbon contaminated soils in Harghita county, Romania., *Scientific Bulletin: Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering - North University of Baia Mare*, Vol. 24, No 2, 2010, pp. 15–24., ProQuest

György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Effect of some environmental factors on selected bacteria isolated for microbial inoculants, *Buletinul Științific al Universității din Baia Mare. Seria B Fascicola Matematică-Informatică*, Vol. XXIV, No 2, 2010, pp. 47–52., ProQuest

Lányi Szabolcs, Mara Gyöngyvér, Szentes Sarolta, Radu Gabriel-Lucian, Isolation and characterization of antagonistic bacteria associated with bryophytes from Borsáros raised bog (Romania), *Buletin Științific al Universității de Nord Baia Mare. Seria D Exploataři Miniere, Prepararea Substanțelor Minerale Utile, Metalurgie Neferoasă, Geologie și Ingineria Mediului*, Vol. XXIV, No 2, 2010, pp. 53–58., EBSCO

Ábrahám Beáta, György Éva, Lányi Szabolcs, Mara Gyöngyvér, Microbial products as natural alternative to fertilisers: isolation and characterisation of nitrogen fixing bacteria, *Scientific Bulletin Series B: Chemistry And Materials Science*, No 3, 2010, ISSN 1454233_, pp. 137–144., Chemical Abstract

György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Effect of some environmental factors on selected bacteria isolated from microbial inoculants, *Buletin Științific al Universității de Nord din Baia Mare. Seria D*, Vol. 24, No 2, 2010, pp. 47–52., Ebsco

Articol științific - Lucrări științifice publicate în reviste din străinătate fără cotație ISI

2011

György Éva, Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Tamás Éva, Kémenes Lehel, Natural alternative soil fertilization: analysis of plant growth promoting activity of selected soil bacteria, *Climate Change: Challenges and Opportunities in Agriculture. Agrisafe Final Conference*, Vol. 2011, No 1, 2011, pp. 55–62.

Articol științific - Lucrări științifice publicate în reviste din țară recunoscute de către CNCSIS (categoria B+)

2014

Ábrahám Beáta, Lányi Szabolcs, Fazakas Andrea, Gene knockout using λ -Red recombination system in *Escherichia coli*, *Technical Review*, No 63, 2014

2012

Ábrahám Beáta, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Bálint Emese-Éva, Design of secretion vector constructs for Granzyme H expression, *University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science*, Vol. 74, No 1, 2012,

pp. 42–50.

2011

Lányi Szabolcs, Molnos Éva, Meszaros Sandor, Nagy Iosif, Muntean Ovidiu, Biohydrogen production from organic acids using mutant strains of *Thiocapsa roseopersicina* BBS, *Electrotehnică, electronică, automatică*, Vol. 59, No 2, 2011, pp. 83–89.

2010

Ábrahám Beáta, Lányi Szabolcs, Molnos Éva, Kapás Árpád, Nagy Iosif, Muntean Ovidiu, Biohydrogen production by photofermentation of lactic acid using *Thiocapsa roseopersicina*, *UPB Scientific Bulletin Series B: Chemistry And Materials Science*, Vol. 72, No 2, 2010, pp. 151–160.

Articol științific - Lucrări științifice publicate în reviste din țară recunoscute de către CNCSIS (categoria B)

2012

Ábrahám Beáta, Lányi Szabolcs, Orbán Csongor, Dima Romulus, Heterologous expression of pullulanase from *Fervidobacter pennivorans* in *E. coli*, *UPB Scientific Bulletin Series B: Chemistry And Materials Science*, Vol. 75, No 2, 2012, pp. 1–7.

Articol științific - Lucrări științifice publicate în reviste din țară recunoscute de către CNCSIS (alte categorii - C și D)

2010

Ábrahám Beáta, Csató-Kovács Erika, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Szabó Mária, A humán GITRL heterológ expressziója bakteriális rendszerben, *Műszaki Szemle*, Vol. 3, No 52, 2010, ISSN 1454-0746, pp. 21–30.

Ábrahám Beáta, Csató-Kovács Erika, Lányi Szabolcs, Miklóssy Ildikó, Szilágyi László, Szabó Mária, Zöld fluoreszcens fehérje irányított mutagenézise és a mutáció hatásának vizsgálata, *Műszaki Szemle*, Vol. 5, No 52, 2010, ISSN 1454-0746, pp. 44–50.

Articol științific - Lucrări științifice publicate în reviste din țară, recunoscute CNCS (altele decât cele din baze de date internaționale)

2012

Lányi Szabolcs, Laslo Éva, Szilágyi József, Meszaros Sandor, Study and Characterization of Bacterial Bio-preparates Using the Approximated Biomass Growth Curves, *Műszaki Szemle*, No 59, 2012, ISSN 1454-0746, pp. 16–27.

Articol științific - Lucrări științifice publicate în reviste altele decât cele menționate anterior

2014

Ábrahám Beáta, Gyenge László, Lányi Szabolcs, Ráduly Botond, Albert Julia, Jakab Ervin, Kelemen Edmond, Dobiszap mint tejipari melléktermék anaerob rothaszthatóságának vizsgálata biogáz előállítás céljából, *Műszaki Szemle*, Vol. 2014, No 63, 2014, pp. 16–20.

2013

Ábrahám Beáta, Lányi Szabolcs, Molnos Éva, Meszaros Sandor, Muntean Ovidiu, Hidrogén - a jövő energiája, *A Csíki Székely Múzeum Évkönyve*, Vol. 1, No 1, 2010, pp. 505–514.

György Éva, Lányi Szabolcs, Laslo Éva, Növényi tápanyag mobilizáló baktériumok izolálása és jellemzése, *Csíki Székely Múzeum Évkönyve*, Vol. 2010, No 1, 2010, pp. 501–506.

Volum științific colectiv - Internațional

2019

Lányi Szabolcs, Laslo Éva, Mara Gyöngyvér, Szentes Sarolta, Abod Éva, Plant Growth-Promoting Bacteria: Strategies to Improve Wheat Growth and Development Under Sustainable Agriculture. In: Ashok Kumar, Vijay Singh Meena (ed.): *Plant Growth Promoting Rhizobacteria for Agricultural Sustainability*, Singapore, Springer, 2019, pp. 1–13., ISBN 9789811375521

Volum științific colectiv - Local

2012

Benedek Tibor, Bodó Csilla, Felföldi Tamás, Fikó Dezső Róbert, György Éva, Jurecska Laura, Kelemen Csaba, Lányi Szabolcs, Mara Gyöngyvér, Márialigeti Károly, Máthé István, Szilveszter Szabolcs, Tóth Attila, Zsigmond Andrea, Albert Beáta, Barkács Katalin, Palatiszky Márton, Szezonális változások vizsgálata a Szent Anna-tó vízterében. In: Máthé István, Székely Gabriella (ed.): *A Kárpát-medence ásványvizei. IX. Nemzetközi Tudományos Konferencia.*, Herkulesfürdő, Hargita Kiadóhivatal, 2012, pp. 53–60., ISBN 978-973-7625-37-3

Articol publicat în volum de conferință - Național

2011

György Éva, Laslo Éva, Lányi Szabolcs, The effect of beneficial bacterial strains isolated from wild plants root and rhizosphere on cultivated crops seed germination and plant growth. In: Ottó Veisz (ed.): *Agrisafe Final Conference*, Budapest, Agricultural Research Institute of the Hungarian Academy of Sciences, 2011, pp. 250–253., ISBN 9789638351371

