

Bioloģijas fakultātes 2016. gada publikācijas

1. I starptautiskais starpdisciplinārais simpozijš "Māli un keramika" : tēžu krājums = I International interdisciplinary symposium "Clays and ceramics" : Abstract Book : Latvijas Universitātes 74. zinātniskā konference : Latvijas Universitāte. Dabaszinātņu akadēmiskais centrs, 28.-29. janvāris, 2016 / [tēžu krājumu sastādīja: Līva Dzene, Līga Zariņa, Ilze Vircava ; redaktori: Valdis Segliņš [arī priekšvārda autors], Ieva Zarāne ; dizains: Baiba Lazdiņa] ; Valsts pētījumu programma ResProd. – Rīga : Latvijas Universitāte, 2016. – 65, [1] lpp. : diagr., il., karte, tab. ISBN 9789934517976. – URL: http://www.lu.lv/fileadmin/user_upload/lu_portal/projekti/vpp/files/III_posma/Tezes_mali_keramika.pdf.
2. **Dimanta, Ilze.** Jēlglicerīna, laktozes izmantošana bio-ūdeņraža iegūšanai ar anaerobām mikroorganismu kultūrām un ūdeņraža savākšana no fermentācijas barotnes ar metālhidrīdiem : promocijas darba kopsavilkums Doktora grāda iegūšanai bioloģijas nozarē, apakšnozare: mikrobioloģija / Ilze Dimanta ; zinātniskais vad.: Indriķis Muižnieks ; zinātniskie konsult.: Jānis Kleperis, Vizma Nikolajeva ; rec.: Olga Mutere, Anatolijs Šarakovskis, Ain Heinaru (Igaunija) ; Latvijas Universitāte. Bioloģijas fakultāte. – Rīga : Latvijas Universitāte, 2016. – 36 lpp. : ilustrācijas, shēmas, tabulas. – Bibliogrāfija: 7.-11. un 33.-36. lpp.
3. **Dimanta, Ilze.** Biohydrogen Production from Crude Glycerol, Lactose and Hydrogen Storage Possibilities with Metalhydrides from Fermentation Broth : summary of Doctoral Thesis submitted for the degree of Doctor of Biology, subfield of Microbiology / Ilze Dimanta ; supervisor: Indriķis Muižnieks ; scientific consult.: Jānis Kleperis, Vizma Nikolajeva ; rev.: Olga Mutere, Anatolijs Šarakovskis, Ain Heinaru (Igaunija) ; University of Latvia. Faculty of Biology. – Rīga : University of Latvia, 2016. – 36 lpp. : diagrammas, ilustrācijas, shēmas, tabulas. – Bibliogrāfija: 6.-10. un 33.-36. lpp.
4. **Dimanta, Ilze.** Biohydrogen Production from Crude Glycerol, Lactose and Hydrogen Storage Possibilities with Metalhydrides from Fermentation Broth : Doctoral Thesis submitted for the degree of Doctor of Biology, subfield of Microbiology / Ilze Dimanta ; supervisor: Indriķis Muižnieks ; scientific consult.: Jānis Kleperis, Vizma Nikolajeva ; rev.: Olga Mutere, Anatolijs Šarakovskis, Ain Heinaru (Igaunija) ; University of Latvia. Faculty of Biology. – Rīga : Latvijas Universitāte, 2016. – 127 lpp. : diagrammas, ilustrācijas, shēmas, tabulas. - Bibliogrāfija: 10.-17. un 107.-124. lpp. - Kopsav. nos. latviešu val.: Jēlglicerīna, laktozes izmantošana bio-ūdeņraža iegūšanai ar anaerobām mikroorganismu kultūrām un ūdeņraža savākšana no fermentācijas barotnes ar metālhidrīdiem. Kopsav. nos. angļu val.: Biohydrogen Production from Crude Glycerol, Lactose and Hydrogen Storage Possibilities with Metalhydrides from Fermentation Broth. – URL: <https://dspace.lu.lv/dspace/handle/7/31856>. Pilns teksts. { Pieejams LU e-resursu repozitorijā }
5. **Kagainis, Uģis.** Carabodes C.L.Koch, 1835 ģints bruņērcu (Acari:Oribatida:Carabodidae) morfoloģijas mainība dažādu faktoru ietekmē = Influence of different factors on morphological variability of Carabodes C.L.Koch, 1835 genus armoured mites (Acari: Oribatida: Carabodidae) : promocijas darba kopsavilkums doktora grāda iegūšanai bioloģijā, apakšnozare: zooloģija / Uģis Kagainis ; zinātniskais vad.: Voldemārs Spuņģis ; zinātniskais konsult.: Tūrs Selga ; rec.: Guntis Brūmelis, Uldis Valainis, Inese Kokina ; Latvijas Universitāte. Bioloģijas fakultāte. – Rīga : Latvijas Universitāte, 2016. – 82 lpp. : grafiki, il., sh., tab. – Bibliogrāfija: 35.-42. un 75.-82. lpp. – Teksts latviešu un angļu valodā, ar atsevišķām titullapām, vāka noformējums abās valodās.

6. **Kagainis, Uģis.** Carabodes C.L.Koch, 1835 ģints bruņērču (Acari:Oribatida:Carabodidae) morfoloģijas mainība dažādu faktoru ietekmē : promocijas darbs bioloģijas doktora grāda iegūšanai, zooloģijas apakšnozarē / Uģis Kagainis ; darba vad.: Voldemārs Spuņģis ; darba konsult.: Tūrs Selga ; Latvijas Universitāte. Bioloģijas fakultāte. Zooloģijas un dzīvnieku ekoloģijas katedra. – Rīga : Latvijas Universitāte, 2016. – 102, [11] lpp. : grafiki, il., sh., tab. - Bibliogrāfija: 90.-102. lp. – Teksts latviešu valodā, kopsavilkums arī angļu val. Kopsav. nos. latviešu val.: Carabodes C.L.Koch, 1835 ģints bruņērču (Acari:Oribatida:Carabodidae) morfoloģijas mainība dažādu faktoru ietekmē. Kopsav. nos. angļu val.: Influence of different factors on morphological variability of Carabodes C.L.Koch, 1835 genus armoured mites (Acari: Oribatida: Carabodidae). – URL: https://dspace.lu.lv/dspace/bitstream/handle/7/31755/298-52159-Kagainis_Ugis_uj05001.pdf. Pilns teksts.

7. 1,4-Dihydropyridine derivatives without Ca²⁺-antagonist activity up-regulate Psmα6 mRNA expression in kidneys of intact and diabetic rats / Kristīne Ošiņa, Evita Rostoka, Jelizaveta Sokolovska, Natalia Paramonova, Egils Bisenieks, Gunars Duburs, Nikolajs Sjakste and Tatjana Sjakste // Cell Biochemistry & Function. – ISSN 1099-0844. – Vol.34, N 1 (2016), p.3-6. DOI: 10.1002/cbf.3160. – URL: <http://onlinelibrary.wiley.com/doi/10.1002/cbf.3160/full>. Pilns teksts. {Pieejams Wiley online datubāzē. }
8. Anodic biofilm vitality during operation of microbial fuel cells at various load conditions / Zane Kleinmane, Arturs Gruduls, Vizma Nikolajeva, Janis Kleperis // Journal of Biotechnology. – Amsterdam : Elsevier, 2016. – ISSN 0168-1656. – Vol. 231, S (2016), p.S105-S106. DOI: 10.1016/j.jbiotec.2016.05.368. – URL: <http://www.sciencedirect.com/science/article/pii/S0168165616306319>. Anotācija. { Pieejams ScienceDirect datubāzē. }
9. **Apsīte, Elga.** Long-term changes of Daugava River ice phenology under the impact of the cascade of hydro power plants / Elga Apsite, Didzis Elferts, Inese Latkovska // Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences. – ISSN 1407-009X. – Vol. 70, N 2 (2016), p.71-77. DOI: 10.1515/prolas-2016-0012. URL: <http://www.degruyter.com/view/j/prolas.2016.70.issue-2/prolas-2016-0012/prolas-2016-0012.xml>. Anotācija. { Pieejams De Gruyter datubāzē. } ; URL: <http://web.a.ebscohost.com/ehost/detail/detail?vid=8&sid=ce3832cf-a279-4b55-b876-1434bdaac43b%40sessionmgr4010&hid=4109&bdata=JnNpdGU9ZWhvc3QtbGl2ZQ%3d%3d#AN=116236480&db=a9h>. Anotācija. { Pieejams EBSCO datubāzē. }
10. Assessment of heavy metal (cadmium) induced changes in physiological processes of different field crops / Vita Alle, Anita Osvalde, Uldis Kondratovics, Mara Vikmane // 3rd International Symposium "Growing Health and Life" (SHE2016), 17-21 October, 2016, Chania, Greece : Programme and Book of Abstracts. – Chania, 2016. – P.114-115. – URL: <http://she2016.org/>.
11. Baltic herring prey selectively on older copepodites of Eurytemora affinis and Limnocalanus macrurus in the Gulf of Riga / Līna Livdāne, Ivars Putnis, Gunta Rubene, Didzis Elferts, Anda Ikauniece // Oceanologia. – ISSN 0078-3234. – Vol.58, N 1 (2016), p.46-53. – URL: <http://www.sciencedirect.com/science/article/pii/S007832341500113X>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }

12. **Bērziņa, Anita.** Immobilization and survival of plant growth-promoting bacteria *Streptomyces griseoviridis* and *Azotobacter* sp. / A. Berzina, V. Nikolajeva, Z. Petrina. – References: p.3386 // *Journal of Materials & Environmental Science*. – ISSN 2028-2508. – Vol. 7, N 9 (2016), p.3381-3386. – URL: http://www.jmaterenviromsci.com/Document/vol7/vol7_N9/349-JMES-2284-Berzina.pdf. Pilns teksts. { Pieejams žurnāla datubāzē. }

13. **Birziņa, Rita.** First Year Students' Perceptions on their Transition from Secondary to Tertiary Education : A Case of Latvia / Rita Birzina, Dagnija Cedere // XVII IOSTE Symposium Science and Technology Education for a Peaceful and Equitable World, Braga, Portugal, 11-16 July, 2016 : Programme & Abstracts / Research Centre on Child Studies (CIEC) Institute of Education. University of Minho. – Braga, 2016. – P.105-106.

14. **Birziņa, Rita.** Kā cilvēki mācās masveida atvērtajos tiešsaistesursos: Latvijas un Taizemes pieredze / Rita Birziņa // LatSTE'2016 – Karjera digitālajā laikmetā : Izglītības inovāciju un tehnoloģiju konferences rakstu krājums / Liepājas Universitāte. – Liepāja : Liepājas Universitāte, 2016. – ISBN 9789934522895. – 4.-13.lpp. – URL: http://media.wix.com/ugd/1d29c1_6e55a42fe1d2461f8c94fc428828e68b.pdf. Pilns teksts.

15. **Birziņa, Rita.** Readiness to Learn: First-Year Biology Students' Outlook on the Study Process in Higher Education / Rita Birzina, Dagnija Cedere // ECER 2016, Leading Education: The Distinct Contributions of Educational Research and Researchers. – Dublin, 2016. – 11 SES 13, p.1-3. – Tiešsaistes resurss. – URL: <http://www.eera-ecer.de/ecerprogrammes/conference/21/contribution/37750/>. Elektroniskā versija.

16. **Birziņa, Rita.** Technological impact on learning engagement: A case study of Latvian and Thai / Rita Birziņa, Jaitip Na-Songkhla // e-ASEM Network Meeting : ASEM forum on lifelong learning 2016, 3-5 October, Copenhagen : 21st Century Skills. – Copenhagen, 2016. – [Presentation 6], 1 p.

17. Characterization of Antibacterial Activity and $\delta^{18}O$ Values of Strontium Substituted Hydroxyapatite and Peroxyapatite / Valda Valkovska, Agnese Osīte, Lauma Busa, Vizma Nikolajeva // 20th International Scientific Conference EcoBalt2016, Tartu, Estonia, 9th-12th October, 2016 : Book of Abstracts / University of Tartu. Estonian Environmental Centre. Tallinn University of Technology. – Tartu, 2016. – P.80. – URL: http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf. Pilns teksts.

18. The colonization history of Scots pine (*Pinus sylvestris*) in pristine and drained raised bogs in Latvia / Mihails Čugunovs, Oļģerts Nikodemus, Iluta Dauškane, Guntis Brūmelis. – References: p.104-106 // *Environmental and Experimental Biology*. – ISSN 2255-9582. – N 14 (2016), p.97-106. DOI: 10.22364/eeb.14.14. – URL: http://eeb.lu.lv/EEB/201606/Cugunovs_EEB_14.pdf. Pilns teksts.

19. Comparative efficiency of different biofertilizers applied to the same field / Dagnija Vecstaudza, Maris Senkovs, Solvita Stelmahere, Zaiga Petrina, Galina Makarenkova, Vizma Nikolajeva, Olga Muter // *Journal of Biotechnology*. – ISSN 0168-1656. – Vol. 231, Suppl. S : Abstracts of European Biotechnology Conference, 5-7 May, 2016, Latvia (2016), p.S.98. DOI: 10.1016/j.jbiotec.2016.05.346. – URL: <http://www.sciencedirect.com/science/article/pii/S0168165616306095>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }

20. Comparative protein profiling of B16 mouse melanoma cells susceptible and non-susceptible to alphavirus infection: Effect of the tumor microenvironment / Jelena Vasilevska, Gustavo Antonio De Souza, Maria Stensland, Dace Skrastina, Dmitry Zhulenvovs, Raimonds Paplauskis, Baiba Kurena, Tatjana Kozlovska, Anna Zajakina // *Cancer Biology and Therapy*. – ISSN 1538-4047. – Vol.17, N 10 (2016), p.1035-1050. DOI: 10.1080/15384047.2016.1219813. – URL: <http://tandfonline.com/doi/full/10.1080/15384047.2016.1219813>. Anotācija. { Pieejams Taylor&Francis online datubāzē. }
21. Consistent response of bird populations to climate change on two continents / Philip A. Stephens, Lucy R. Mason, Rhys E. Green, Richard D. Gregory, John R. Sauer, Jamie Alison, Ainars Aunins, Lluís Brotons, Stuart H. M. Butchart, Tommaso Campedelli, Tomasz Chodkiewicz ... [et al.] // *Science*. – ISSN 0036-8075. – Vol.352, N 6281 (2016), p.84-87. DOI: 10.1126/science.aac4858. – URL: <http://science.sciencemag.org/content/352/6281/84>. Anotācija. { Pilns teksts pieejams žurnāla datubāzē. }
22. Diet overlap between juvenile flatfish and the invasive round goby in the central Baltic Sea / D. Ustups, U. Bergström, A. B. Florin, E. Kruze, D. Zilniece, D. Elferts, E. Knospina, D. Uzars // *Journal of Sea Research*. – ISSN 1385-1101. – Vol.107, Part 1: Proceedings of the 9th International Symposium on Flatfish Ecology (2016), p.121-129 : il. DOI:10.1016/j.seares.2015.06.021. – URL: <http://www.sciencedirect.com/science/article/pii/S1385110115300216>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }
23. Differences in cadmium accumulation and induced changes in root anatomical structures in plants used for food / V. Alle, U. Kondratovics, A. Osvalde, M. Vikmane. – References: p.1258-1260 // *Agronomy Research*. – ISSN 1406-894X. – Vol. 14, SI 2 (2016), p.1249-1260. –URL:<http://agronomy.emu.ee/index.php/category/volume-14/special-issue-ii-volume-14/?aid=4472&a=0#abstract-4473>. Pilns teksts. { Pieejams žurnāla datubāzē. }
24. Differences in cadmium accumulation and induced changes in root anatomical structures in plants used for food / Vita Alle, Uldis Kondratovičs, Anita Osvalde, Māra Vikmane // 7th International Conference Biosystems Engineering 2016, 12-13 May, 2016, Tartu, Estonia : Book of Abstracts. - Tartu : Estonian University of Life Sciences, 2016. - ISBN 9789949536818. - P.215. - URL: http://www.bse.emu.ee/Book%20of%20Abstracts_2016.pdf. Pilns teksts. { Pieejams tīmeklī. }
25. Effects of an Antimutagenic 1,4-Dihydropyridine AV-153 on Expression of Nitric Oxide Synthases and DNA Repair-related Enzymes and Genes in Kidneys of Rats with a Streptozotocin Model of Diabetes Mellitus / Kristīne Ošiņa, Evita Rostoka, Sergejs Isajevs, Jelizaveta Sokolovska, Tatjana Sjakste, Nikolajs Sjakste // *Basic and Clinical Pharmacology and Toxicology*. – ISSN 1742-7835. – Vol. 119, N 5 (2016), p.458-463. DOI: 10.1111/bcpt.12617. – URL: <http://onlinelibrary.wiley.com/doi/10.1111/bcpt.12617/abstract>. Anotācija. { Pieejams Wiley online datubāzē. }
26. Efficacy of ozonation treatments of smoked fish for reducing its benzo[a]pyrene concentration and toxicity / Irina Rozentale, Janis Ancans, Elena Bartkiene, Arturs Viksna, Vadims Bartkevics // *Journal of Food Protection*. – ISSN 0362-028X. – Vol. 79, N 12 (2016), p.2167-2173. DOI: 10.4315/0362-028X.JFP-16-133. – URL: <http://jfoodprotection.org/doi/10.4315/0362-028X.JFP-16-133?code=fopr-site>.

27. Fine root development and mycorrhization in Norway spruce stands one year after fertilization with potassium sulphate and wood ash / Dārta Kļaviņa, Andis Lazdiņš, Arta Bārdule, Vizma Nikolajeva, Modris Okmanis, Ilona Skrandā, Tālis Gaitnieks, Audrius Menkis // Journal of Forest Science. – ISSN 1212-4834. – Vol.62, N 1 (2016), p.17-23. DOI: 10.17221/93/2015-JFS. – URL: <http://www.agriculturejournals.cz/publicFiles/172690.pdf>. Pilns teksts. { Pieejams žurnāla datubāzē. }
28. Functionalized hyaluronic acid based biomaterial and assessment of it's safety and wound healing activity in acute and diabetic skin wound models / Baiba Jansone, Joanna Jenina, Katrina Jukevica, Martins Boroduskis, Zane Dzirkale, Elga Poppela, Liene Patetko, Jelena Eglite, Elvira Hagina, Anna Ramata-Stunda // 7th European Congress of Pharmacology (EPHAR2016), June 26-30, Istanbul, Turkey : Congress Book. – Istanbul, 2016. – P.161 ; C086. – URL: http://www.ephar2016.org/post_congress_book.pdf. Pilns teksts.
29. Fungal Communities in Roots of Scots Pine and Norway Spruce Saplings Grown for 10 Years on Peat Soils Fertilized with Wood Ash / Dārta Kļaviņa, Indriķis Muižnieks, Tālis Gaitnieks, Vizma Nikolajeva, Dagnija Lazdiņa, Andis Lazdiņš, Arta Bārdule, Audrius Menkis. – References: p.31-33 // Baltic Forestry. – ISSN 1392-1355. – Vol. 22, N 1 (42) (2016), p.25-33. – URL: http://www.balticforestry.mi.lt/bf/PDF_Articles/2016-22%5b1%5d/e-Baltic%20Forestry%202016.1_25-33%20psl.pdf. Pilns teksts. { Pieejams žurnāla datubāzē. }
30. Identification of monocyte subpopulations and signaling pathways responsible for the immune response to fungal immunomodulatory glycoprotein AMPD / Agija Lace, Ilze Blake, Dora Livkisa, Anna Ramata-Stunda, Baiba Silamikele, Indriķis Muiznieks // Journal of Biotechnology. – ISSN 0168-1656. – Vol. 231, Suppl. S : Abstracts of European Biotechnology Conference, 5-7 May, 2016, Latvia (2016), p.S32-S33. DOI:10.1016/j.jbiotec.2016.05.133. – URL: <http://www.sciencedirect.com/science/article/pii/S0168165616303960>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }
31. Imaging photoplethysmography for clinical assessment of cutaneous microcirculation at two different depths / Zbignevs Marcinkevics, Uldis Rubins, Janis Zaharans, Aleksejs Miscuks, Evelina Urtane, Liga Ozolina-Moll // Journal of Biomedical Optics. – ISSN 1083-3668. – Vol. 21 (3) (2016), Article number 035005. DOI: 10.1117/1.JBO.21.3.035005. – URL: <http://spie.org/Publications/Journal/10.1117/1.JBO.21.3.035005>. Anotācija. { Pieejams SPIE Digital Library datubāzē. }
32. Impact of anthropogenic pressure on the water quality in two Latvian river basins / Ilga Kokorite, Agnija Skuja, Jolanta Jēkabsons, Gunta Springe, Agrita Briede // The role of hydrology towards water resources sustainability, Nordic Water 2016, XXIX Nordic Hydrological Conference, August 8-10, 2016, Kaunas, Lithuania : Abstracts. – Kaunas : Aleksandras Stulginskis University, 2016. – ISBN 978 609 449 096. – P.70. – Tiešsaistes resurss. – Nosaukums no sākuļlapas. – Resurss aprakstīts 2016.g. 8.sept. – URL: <http://www.lei.lt/nordicwater2016/wp-content/uploads/2016/08/abstractA5.pdf>. Pilns teksts. { Pieejams tīmeklī. }

33. Impact of Heterobasidion root-rot on fine root morphology and associated fungi in *Picea abies* stands on peat soils / Indriķis Muiznieks, Talis Gaitnieks, Darta Klavina, Taina Pennanen, Sannakajsa Velmala, Rimvydas Vasaitis, Audrius Menkis // *Mycorrhiza*. – ISSN 0940-6360. – Vol. 26, N 5 (2016), p.465-473. DOI: 10.1007/s00572-016-0685-4. – URL: <http://link.springer.com/article/10.1007%2Fs00572-016-0685-4>. Pilns teksts. { Pieejams Springer datubāzē. }
34. The impact of R1 and R3a genes on tuber resistance to late blight of the potato breeding clones / Nadezhda Zoteyeva, Ilze Skrabule, Ieva Mežaka, Daiga Vilcāne, Guna Usele, Nils Rostoks // *Proceedings of the Latvian Academy of Sciences. Section B: Natural, Exact, and Applied Sciences*. – ISSN 1407-009X. – Vol. 70, N 2 (2016), p.58-63. DOI: 10.1515/prolas-2016-0010. – URL: <http://www.degruyter.com/view/j/prolas.2016.70.issue-2/prolas-2016-0010/prolas-2016-0010.xml>. Pilns teksts. { Pieejams De Gruyter datubāzē. }
35. In vitro culture type and elicitation affects secoiridoid and xanthone LC–ESI–TOF MS profile and production in *Centaurium erythraea* / Anete Boroduske, Ilva Nakurte, Signe Tomsone, Madara Lazdane, Martins Boroduskis, Nils Rostoks // *Plant Cell, Tissue and Organ Culture*. – ISSN 0167-6857. – (2016), p.1-6. DOI: 10.1007/s11240-016-1016-3. – URL: <http://link.springer.com/article/10.1007/s11240-016-1016-3>. Anotācija. { Pieejams Springer datubāzē. }
36. Influence of fragmentation of reed beds on the ecosystem of northern part of Lake Engure / Roberts Šiliņš, Ivars Druvietis, Zane Kurilovica, Jānis Reihmanis. - (Abstracts of the 74th Scientific Conference of the University of Latvia, January-February 2016). - Bibliogr.: p.48 // *Environmental and Experimental Biology*. - ISSN 1691-8088. - Vol.14, N 1/2 (2016), p.47-48. - URL: http://eeb.lu.lv/EEB/201603/conference_EEB_14.pdf. Pilns teksts.
37. **Karasa, Jūlija**. Antibakteriālie materiāli uz Baltijas reģiona smektīta mālu bāzes / Jūlija Karasa, Vizma Nikolajeva // I starptautiskais starpdisciplinārais simpozījs "Māli un keramika" : tēžu krājums = I International interdisciplinary symposium "Clays and ceramics" : Abstract Book : Latvijas Universitātes 74. zinātniskā konference : Latvijas Universitāte. Dabaszinātņu akadēmiskais centrs, 28.-29. janvāris, 2016 / Latvijas Universitāte. Dabaszinātņu akadēmiskais centrs. – Rīga : Latvijas Universitāte, 2016. – ISBN 9789934517976. – 22.-23.lpp.
38. **Kokorīte, Ilga**. Dynamics of benthic macroinvertebrate colonisation in leaf breakdown experiment in small rhithral streams in Latvia / Agnija Skuja, Ilga Kokorīte, Agrita Briede // 2nd Central European Symposium for Aquatic Macroinvertebrate Research (CESAMIR), July 3-8, 2016, Pécs, Hungary : Book of Abstracts and Programme. – Pécs, 2016. – ISBN 97896312593. – P.88. –Tiešsaistes resurss. – URL: http://cesamir.ttk.pte.hu/2ndCESAMIR_2016_book_of_abstracts_and_programme.pdf.
39. **Kondratovičs, Rihards**. Rhododendron Culture in Latvia / Rihards Kondratovičs, Uldis Kondratovičs, Gunita Riekstiņa. – (Part 2. Europe: University of Latvia) // *Rhododendrons International : The Online Journal of the World's Rhododendron Organizations*. – Vol. 1, Part 2 - European Rhododendron Organizations (2016), p.77-87. – URL: <http://www.rhododendron.org/ri/v1p2.pdf>. Pilns teksts. { Pieejams tīmeklī. }
40. **Kondratovičs, Uldis**. Die Geschichte der Rhododendron-Kultur in Lettland / Uldis Kondratovičs, Rihards Kondratovičs, Gunita Riekstiņa. – Lit.: S.57 // *Rhododendron und Immergrüne*. – ISSN 1866-1688. – Bd.21 (2016), S.40-57.

41. **Krišāns, Oskars.** Effect of decreased precipitation events on primary growth and photosynthesis-related characteristics of spruce (*Picea abies*) saplings grown in different substrates / Oskars Krišāns, Āris Jansons, Gederts Ievinsh. - (Abstracts of the 74th Scientific Conference of the University of Latvia, January-February 2016). - Bibliogr.: p.54 // Environmental and Experimental Biology. - ISSN 1691-8088. - Vol.14, N 1/2 (2016), p.53-54. - URL: http://eeb.lu.lv/EEB/201603/conference_EEB_14.pdf. Pilns teksts.
42. **Latkovska, Inese.** Long-term changes of the ice regime of rivers in Latvia / Inese Latkovska, Elga Apsite, Didzis Elferts // Hydrology Research. – ISSN 1998-9563. – Vol. 47, N 4 (2016), p.782-798. DOI: 10.2166/nh.2016.012. – URL: <http://hr.iwaponline.com/content/47/4/782>. Anotācija. { Pilns teksts pieejams žurnāla datubāzē. }
43. Metal hydride alloys for storing hydrogen produced by anaerobic bacterial fermentation / Ilze Dimanta, Janis Kleperis, Ilva Nakurte, Sintija Valucka, Vizma Nikolajeva, Zane Rutkovska, Indrikis Muiznieks // International Journal of Hydrogen Energy. – ISSN 0360-3199. – Vol. 41, N 22 (2016), p.9394-9401. DOI: 10.1016/j.ijhydene.2016.04.064. – URL: <http://www.sciencedirect.com/science/article/pii/S036031991531658X>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }
44. New 1,4-Dihydropyridines Down-regulate Nitric Oxide in Animals with Streptozotocin-induced Diabetes Mellitus and Protect Deoxyribonucleic Acid against Peroxynitrite Action / Elina Leonova, Jelizaveta Sokolovska, Jean Luc Boucher, Sergejs Isajevs, Evita Rostoka, Larisa Baumane, Tatjana Sjakste, Nikolajs Sjakste // Basic and Clinical Pharmacology and Toxicology. – ISSN 1742-7835. – Vol. 119, N 1 (2016), p.19-31. DOI: 10.1111/bcpt.12542. – URL: <http://onlinelibrary.wiley.com/doi/10.1111/bcpt.12542/abstract>. Anotācija. { Pieejams Wiley online datubāzē. }
45. Private information alone can trigger trapping of ant colonies in local feeding optima / Czaczkes, Tomer J., Salmane, Anete K., Klampfleuthner, Felicia A. M., Heinze, Juergen // Journal of Experimental Biology. – ISSN 0022-0949. – Vol.219, N 5 (2016), p.744-751. DOI: 10.1242/jeb.131847. – URL: <http://jeb.biologists.org/content/219/5/744>. Anotācija. { Pilns teksts pieejams Journal of Experimental Biology datubāzē. }
46. The role of forest certification for biodiversity conservation: Lithuania as a case study / Guntis Brūmelis, Marine Elbakidze, Rita Ražauskaitė, Michael Manton, Per Angelstam, Gintautas Mozgeris, Gediminas Brazaitis, Peter Vogt // European Journal of Forest Research. – ISSN 1612-4669. – Vol. 2 (2016), p.1-16. DOI: 10.1007/s10342-016-0940-4. – URL: <http://link.springer.com/article/10.1007%2Fs10342-016-0940-4>. Pilns teksts. { Pieejams Springer datubāzē. }
47. **Rostoks, Nils.** Risk estimation of genome editing techniques in the view of a GMO-Panel member of EFSA / Nils Rostoks // Neue Technologien zur Modifikation des Genoms - Möglichkeiten, Grenzen und gesellschaftliche Herausforderungen, 6. Dezember, 2016, Berlin : Abstracts / Bundesinstitut für Risikobewertung. - Berlin : Bundesinstitut für Risikobewertung, 2016. - S.21. - URL: <http://www.bfr.bund.de/cm/343/bfr-symposium-neue-technologien-zur-modifikation-des-genoms-abstracts.pdf>. Anotācija. { Pieejams tīmeklī. }

48. **Skuja, Agnija.** Organisko vielu noārdīšanās pētījumi mazajās upēs / Agnija Skuja, Ilga Kokorīte, Agrita Briede // Ģeogrāfija. Ģeoloģija. Vides zinātne : referātu tēzes : [Latvijas Universitātes 74. zinātniskā konference] / [Latvijas Universitāte. Ģeogrāfijas un Zemes zinātņu fakultāte]. – Rīga : Latvijas Universitāte, 2015. – ISSN 9789984459585. – 91.lpp. – URL:http://www.geo.lu.lv/fileadmin/user_upload/lu_portal/projekti/gzzf/Konferences/LU_74_zin_konference_A5_F.pdf. Pilns teksts.
49. Soil–vegetation interactions in abandoned farmland within the temperate region of Europe / Oļģerts Nikodemus, Anda Ruskule, Raimonds Kasparinskis, Dana Prižavoite, Daina Bojāre, Guntis Brūmelis // *New Forests*. – ISSN 0169-4286. – Vol. 47, N 4 (2016), p.587 - 605. DOI: 10.1007/s11056-016-9532-x. – URL: <http://link.springer.com/article/10.1007%2Fs11056-016-9532-x>. Pilns teksts. { Pieejams Springer datubāzē. }
50. Solution to urban air pollution - carbon free transport / Jānis Kleperis, Biruta Sloka, Justs Dimants, Ilze Dimanta, Jānis Kleperis Jr. – References: p. 44-45 // *Baltic Journal of Real Estate Economics and Construction Manage.* – ISSN 2255-9671. – N 4 (2016), p.32–47. DOI: 10.1515/bjreecm-2016-0003. URL:https://www.researchgate.net/publication/308864545_Solution_to_Urban_Air_Pollution_-_Carbon_Free_Transport. Pilns teksts.
51. Structure of AP205 Coat Protein Reveals Circular Permutation in ssRNA Bacteriophages / Mihails Shishovs, Janis Rumnieks, Christoph Diebolder, Kristaps Jaudzems, Loren B. Andreas, Jan Stanek, Andris Kazaks, Svetlana Kotelovica, Inara Akopjana, Guido Pintacuda, Roman I. Koning, Kaspars Tars. – References: p.4277-4279 // *Journal of Molecular Biology*. – ISSN 0022-2836. – Vol. 428, N 21 (2016), p.[4267]-4279. <http://dx.doi.org/10.1016/j.jmb.2016.08.025>. – URL: <http://www.sciencedirect.com/science/article/pii/S002228361630345X>. Pilns teksts. { Pieejams ScienceDirect datubāzē. }
52. The True Story and Advantages of RNA Phage Capsids as Nanotools / Paul Pumpens, Regina Renhofa, Andris Dishlers, Tatjana Kozlovska, Velta Ose, Peter Pushko, Kaspars Tars, Elmars Grens, Martin F. Bachmann // *Intervirology*. - ISSN 0300-5526 - Vol. 59, N 2 (2016), p.74-110. DOI: 10.1159/000449503. - URL: <https://www.karger.com/Article/FullText/449503>. Anotācija.
53. Vaskulāro augu floras izplatības izmaiņas Bērziema apkārtnē pēdējo 20 gadu laikā / Agnese Reķe, Solvita Rūsiņa, Ģertrūde Gavrilova, Agnese Priede, Brigīta Laime, Liene Auniņa, Viesturs Šulcs, Vija Kreile. – Literatūra: 47.lpp. – Kopsav. angļu val.: Changes in the distribution of vascular plant flora in vicinity of Bērziems over the last 20 years, p.47-48 // *Latvijas Veģetācija / Latvijas Valsts mežzinātnes institūts "Silava"*. – ISSN 1407–3641. – Nr. 25 (2016), 23.-48.lpp. : tab., il. – URL: http://www.silava.lv/userfiles/file/Latvijas%20Vegetacija/Lat%20Veg%2025_www.pdf. Pilns teksts. { Pieejams žurnāla datubāzē. }
54. Vegetation changes in boreo–nemoral forest stands depending on soil factors and past land use during an 80 year period of no human impact / Ilze Kokarēviča, Guntis Brūmelis, Raimonds Kasparinskis, Arta Rolava, Oļģerts Nikodemus, Grods John, Didzis Elferts. – References: p.385-386 // *Canadian Journal of Forest Research*. – ISSN 0045-5067. – Vol.46, N 3 (2016), p.376-386. DOI: 10.1139/cjfr-2015-0343. Publicēts kā raksts tāda paša nosaukuma izdevumā arī 2015.g. aug. – URL: <http://www.nrcresearchpress.com/doi/10.1139/cjfr-2015-0343#.V8frPcUabmV>. Anotācija. { Pieejams žurnāla datubāzē. }

55. Vermicompost from municipal sewage sludge affects growth and mineral nutrition of winter rye (*Secale cereale*) plants / Andis Karlsons, Anita Osvalde, Una Andersone-Ozola, Gederts Ievinsh // *Journal of Plant Nutrition*. – ISSN 0190-4167. – Vol. 39, N 6 (2016), p.765-780. DOI:10.1080/01904167.2015.1087566.–URL:<http://www.tandfonline.com/doi/abs/10.1080/01904167.2015.1087566?journalCode=lpla20>. Pilns teksts. { Pieejams Taylor&Francis online datubāzē. }
56. Viroterapija kā patstāvīga terapija onkoloģijā: Latvijas modelis / Pēteris Alberts, Linda Brokāne, Guna Proboka, Dite Venskus, Inta Jaunalksne, Dace Reihmane, Andra Tilgase, Vika Telle, Liene Patetko, Anna Ramata-Stunda, Mārtiņš Borodušķis // *Latvijas Ārsts*. – ISSN 1019-5068. – (2016, maijs), 60.-63.lpp.
57. **Zorenko, Tatjana.** Behavioral differentiation and hybridization of the European and Asian forms of Harting' vole *Microtus hartingi* (Rodentia, Arvicolinae) / Tanya A. Zorenko, Nasko Atanasov, Fedor N. Golenishchev // *Russian Journal of Theriology*. - ISSN 1682-3559. - Vol. 15, N 2 (2016), p.133-150. - URL: <http://zmmu.msu.ru/rjt/articles/article.php?volume=15&issue=2&pages=133-150>. Pilns teksts. { Pieejams žurnāla datubāzē. }