

Programos dėstytojų svarbiausios publikacijos (su citavimo indeksu, kai IF/AIF vidurkis $\geq 0,25$) per 2017-2020 metus.

1. Andrušaitytė, Sandra; Gražulevičienė, Regina; Dėdelė, Audrius; Balsevičienė, Birutė. The effect of residential greenness and city park visiting habits on preschool children's mental and general health in Lithuania: a cross-sectional study // *International journal of hygiene and environmental health*. Amsterdam : Elsevier B.V., 2020, vol. 223, iss. 1. ISSN 1438-4639, [doi:10.1016/j.ijheh.2019.09.009](https://doi.org/10.1016/j.ijheh.2019.09.009), WOS:000509004300015, [handle:20.500.12259/102084](https://www.sciencedirect.com/science/article/pii/S095026881930009) [S1] [Science Citation Index Expanded (Web of Science), Elsevier Biobase, ScienceDirect, Scopus]
2. Babarskienė, Rūta-Marija; Dobožinskas, Paulius; Lopatienė, Kristina; Ragaišytė, Nijolė; Venclovienė, Jonė; Dėdelė, Audrius. The short-term associations of weather and air pollution with emergency ambulance calls for paroxysmal atrial fibrillation // *Environmental science and pollution research international*. Berlin : Springer, 2017, vol. 24, no. 17. ISSN 0944-1344, [doi:10.1007/s11356-017-9138-7](https://doi.org/10.1007/s11356-017-9138-7), WOS:000402997700042, [handle:20.500.12259/56591](https://www.ncbi.nlm.nih.gov/pubmed/28493187). Internet access: <https://www.ncbi.nlm.nih.gov/pubmed/28493187> [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus]
3. Basagaña, Xavier; Pedersen, Marie; Barrera-Gomez, Jose; Gehring, Ulrike; Giorgis-Allemand, Lise; Hoek, Gerard; Stafoggia, Massimo; Nieuwenhuijsen, Mark J; Brunekreef, Bert; Slama, Rémy; Ballester, Ferran; Cesaroni, Giulia; Charles, Marie-Aline; Chatzi, Leda; Danilevičiūtė, Asta; Hoogh, Kees de; Dėdelė, Audrius; Estarlich, Marisa; Fernandez-Somoano, Ana; Forastiere, Francesco; Gražulevičienė, Regina; Gruziova, Olena; Heude, Barbara; Iniguez, Carmen; Jaddoe, Vincent W. V; Lepeule, Johanna; Lerchundi, Aitana; Andersen, Anne-Marie Nybo; Oftedal, Bente; Porta, Daniela; Raaschou-Nielsen, Ole; Rudnai, Peter; Schikowski, Tamara; Schwarze, Per; Sørensen, Mette; Sunyer, Jordi; Pershagen, Goran; Kogevinas, Manolis. Analysis of multicentre epidemiological studies: contrasting fixed or random effects modelling and meta-analysis // *International journal of epidemiology*. Oxford : Oxford University Press, 2018, Vol. 47, iss. 4. ISSN 0300-5771, [doi:10.1093/ije/dvy117](https://doi.org/10.1093/ije/dvy117), WOS:000444559900042, [handle:20.500.12259/60710](https://www.ncbi.nlm.nih.gov/pubmed/30000000) [S1] [Science Citation Index Expanded (Web of Science), BIOSIS Previews, Academic Search Complete (EBSCO), PubMed Central]
4. Bauša, Laimis; Steponavičius, Dainius; Jotautienė, Eglė; Kemzūraitė, Aurelija; Zaleckas, Ernestas. Application of rape pod sealants to reduce adverse environmental impacts // *Journal of the Science of Food and Agriculture*. Hoboken : Wiley-Blackwell, Vol. 98, N 6 (2018). ISSN 0022-5142, [doi:10.1002/jsfa.8735](https://doi.org/10.1002/jsfa.8735), WOS:000428443900044, [handle:20.500.12259/91652](https://www.onlinelibrary.wiley.com/doi/pdf/10.1002/jsfa.8735). Internet access: <https://onlinelibrary.wiley.com/doi/pdf/10.1002/jsfa.8735> [S1] [Science Citation Index Expanded (Web of Science), Scopus]
5. Buneviciene K., Drapanauskaite D., Mazeika R., Tilvikienė V., Baltrusaitis J. 2020. Granulated biofuel ash as a sustainable source of plant nutrients. *Waste Management & Research*, In Press.
6. Cesiulis, Henrikas; Žilinskas, Albinas; Padgurskas, Juozas; Kreivaitis, Raimondas; Rukuiža, Raimundas. Chemical, electrochemical and tribological study of various olive oils and their behaviour on steel // *Chemija*. Vilnius : Lietuvos mokslų akademija, Vol 29, No 1 (2018). ISSN 0235-7216, [doi:10.6001/chemija.v29i1.3640](https://doi.org/10.6001/chemija.v29i1.3640), WOS:000428786300003, [handle:20.500.12259/91714](https://www.lmaleidykla.lt/ojs/index.php/chemija/article/view/3640/2438). Internet access: <https://www.lmaleidykla.lt/ojs/index.php/chemija/article/view/3640/2438> [S1] [Science Citation Index Expanded (Web of Science), Scopus, Chemical Abstracts (CAplus), Academic Search Complete (EBSCO)]
7. Černiauskienė, Živilė; Raila, Algirdas; Zvicevičius, Egidijus; Kadžiulienė, Žydrė; Tilvikienė, Vita. Analysis of *Artemisia dubia* Wall. growth, preparation for biofuel and thermal conversion properties // *Renewable energy*. Oxford : Elsevier Ltd., Vol. 118 (2018). ISSN 0960-1481, [doi:doi.org/10.1016/j.renene.2017.11.024](https://doi.org/10.1016/j.renene.2017.11.024), WOS:000423008500041, [handle:20.500.12259/91399](https://www.sciencedirect.com/science/article/pii/S0960148117311266#!). Internet access: <https://www.sciencedirect.com/science/article/pii/S0960148117311266#!> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]

8. Čiplienė, Aušra; Gurevičius, Povilas; Janulevičius, Algirdas; Damanauskas, Vidas. Experimental validation of tyre inflation pressure model to reduce fuel consumption during soil tillage // Biosystems engineering. San Diego : Academic Press Inc Elsevier Science, Vol. 186 (2019). ISSN 1537-5110, [doi:10.1016/j.biosystemseng.2019.06.023](https://doi.org/10.1016/j.biosystemseng.2019.06.023), WOS:000491303400004, [handle:20.500.12259/99572](https://www.sciencedirect.com/science/article/pii/S1537511019301801?via%3Dihub#). Internet access: <https://www.sciencedirect.com/science/article/pii/S1537511019301801?via%3Dihub#> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
9. Dėdelė, Audrius; Gražulevičienė, Regina; Miškinytė, Auksė. Individual exposure to nitrogen dioxide and adverse pregnancy outcomes in Kaunas study // International journal of environmental health research. London : Taylor and Francis, 2017, vol. 27, iss. 3. ISSN 0960-3123, [doi:10.1080/09603123.2017.1332348](https://doi.org/10.1080/09603123.2017.1332348), WOS:000405312700007, [handle:20.500.12259/57501](https://www.sciencedirect.com/science/article/pii/S09603123171332348). Internet access: <http://dx.doi.org/10.1080/09603123.2017.1332348> [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, CAB Abstracts]
10. Dėdelė, Audrius; Miškinytė, Auksė. Seasonal and site-specific variation in particulate matter pollution in Lithuania // Atmospheric pollution research. Izmir : Turkish National Committee for Air Pollution Research and Control, 2019, vol. 10, iss. 3. ISSN 1309-1042, [doi:10.1016/j.apr.2018.12.004](https://doi.org/10.1016/j.apr.2018.12.004), WOS:000466482900011, [handle:20.500.12259/60162](https://www.sciencedirect.com/science/article/pii/S130910421830004) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Environment Complete (EBSCO), Scopus, CAB Abstracts]
11. Dėdelė, Audrius; Miškinytė, Auksė; Andrušaitytė, Sandra; Bartkutė, Žydrūnė. Perceived stress among different occupational groups and the interaction with sedentary behaviours // International journal of environmental research and public health. Basel : Molecular diversity preservation international (MDPI), 2019, vol. 16, iss. 23. ISSN 1661-7827, [doi:10.3390/ijerph16234595](https://doi.org/10.3390/ijerph16234595), WOS:000507275700087, [handle:20.500.12259/101950](https://www.vdu.lt/cris/bitstream/20.500.12259/101950/2/ISSN1660-4601_2019_V_16_23.PG_1-15.pdf). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/101950/2/ISSN1660-4601_2019_V_16_23.PG_1-15.pdf [S1] [Science Citation Index Expanded (Web of Science), IndexCopernicus, PubMed, Chemical Abstracts, Scopus]
12. Dėdelė, Audrius; Miškinytė, Auksė; Andrušaitytė, Sandra; Nemanaitė-Gužienė, Jolanta. Dependence between travel distance, individual socioeconomic and healthrelated characteristics, and the choice of the travel mode: a cross-sectional study for Kaunas, Lithuania // Journal of Transport Geography. Oxford : Elsevier Ltd., 2020, vol. 86. ISSN 0966-6923, [doi:10.1016/j.jtrangeo.2020.102762](https://doi.org/10.1016/j.jtrangeo.2020.102762), [handle:20.500.12259/108514](https://www.sciencedirect.com/science/article/pii/S096669232030014) [S1] [Social Sciences Citation Index (Web of Science), Scopus, ScienceDirect, Current Contents (Social And Behavioral Sciences)]
13. Dėdelė, Audrius; Miškinytė, Auksė; Andrušaitytė, Sandra; Nemanaitė-Gužienė, Jolanta. Seasonality of physical activity and its association with socioeconomic and health factors among urban-dwelling adults of Kaunas, Lithuania // BMC public health. London : BioMed Central, 2019, Vol. 19. ISSN 1471-2458, [doi:10.1186/s12889-019-7399-4](https://doi.org/10.1186/s12889-019-7399-4), WOS:000479207300008, [handle:20.500.12259/100017](https://www.vdu.lt/cris/bitstream/20.500.12259/100017/2/ISSN1471-2458_V_19.PG_1-9.pdf). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/100017/2/ISSN1471-2458_V_19.PG_1-9.pdf [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, SpringerLink]
14. Dėdelė, Audrius; Miškinytė, Auksė; Česnakaitė, Irma. Comparison of measured and modelled traffic-related air pollution in urban street canyons // Polish journal of environmental studies. Olsztyn : HARD, 2019, vol. 28, no. 5. ISSN 1230-1485, [doi:10.15244/pjoes/93744](https://doi.org/10.15244/pjoes/93744), WOS:000469277000008, [handle:20.500.12259/61711](https://www.pjoes.com/pdf-93744-36728?filename=Comparison%20of%20Measured.pdf). Internet access: <http://www.pjoes.com/pdf-93744-36728?filename=Comparison%20of%20Measured.pdf> [S1] [Science Citation Index Expanded (Web of Science), Current Contents / Agriculture, Biology & Environmental Sciences, Scopus, CAB Abstracts]
15. Dėdelė, Audrius; Miškinytė, Auksė; Česnakaitė, Irma; Gražulevičienė, Regina. Effects of individual and environmental factors on GPS-based time allocation in urban microenvironments using GIS // Applied sciences. Basel : MDPI, 2018, Vol. 8, iss. 10. ISSN 2076-3417, [doi:10.3390/app8102007](https://doi.org/10.3390/app8102007), WOS:000448653700302, [handle:20.500.12259/59803](https://www.sciencedirect.com/science/article/pii/S2076341718302007) [S1] [Science Citation Index Expanded (Web of Science), Scopus, Applied Science & Technology Source (EBSCO)]
16. Dėdelė, Audrius; Miškinytė, Auksė; Gražulevičienė, Regina. The impact of particulate matter on allergy risk among adults: integrated exposure assessment // Environmental science and pollution research. Heidelberg : Springer, 2019, vol. 26, iss. 10. ISSN 0944-1344, [doi:10.1007/s11356-019-04442-5](https://doi.org/10.1007/s11356-019-04442-5), WOS:000464852200058, [handle:20.500.12259/61242](https://www.sciencedirect.com/science/article/pii/S0944134419304442) [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, SpringerLink]

17. Doheijo, Enrique; Urbonas, Rolandas; Milčiuvienė, Saulė; Kiršienė, Julija; Milčius, Darius. The Role of renewable energy prosumers in implementing energy justice theory // Sustainability. Basel : MDPI AG, 2019, Vol. 11, iss. 19. ISSN 2071-1050, [doi:10.3390/su11195286](https://doi.org/10.3390/su11195286), [handle:20.500.12259/102148](https://www.mdpi.com/2071-1050/11/19/5286/pdf). Internet access: <https://www.mdpi.com/2071-1050/11/19/5286/pdf> [S1] [Social Sciences Citation Index (Web of Science), Food Science Source (EBSCO), Scopus]
18. Donaire-Gonzalez, David; Curto, Ariadna; Valentín, Antònia; Andrušaitytė, Sandra; Basagaña, Xavier; Casas, Maribel; Chatzi, Leda; Bont, Jeroen de; Castro, Montserrat de; Dèdelè, Audrius; Granum, Berit; Gražulevičienė, Regina; Kampouri, Mariza; Lyon-Caen, Sarah; Manzano-Salgado, Cynthia B; Aasvang, Gunn Marit; McEachan, Rosemary R. C; Meinhard-Kjellstad, Carin Helena; Michalaki, Eirini; Pañella, Pau; Petravičienė, Inga; Schwarze, Per E; Slama, Rémy; Robinson, Oliver; Tamayo-Uria, Ibon; Vafeiadi, Marina; Waiblinger, Dagmar; Wright, John; Vrijheid, Martine; Nieuwenhuijsen, Mark J. Personal assessment of the external exposome during pregnancy and childhood in Europe // Environmental research. Oxford : Elsevier, 2019, Vol. 174. ISSN 0013-9351, [doi:10.1016/j.envres.2019.04.015](https://doi.org/10.1016/j.envres.2019.04.015), WOS:000470801100012, [handle:20.500.12259/93255](https://www.sciencedirect.com/science/article/pii/S001393511930012) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
19. Gidlow, Christopher; Kempen, Elise van; Smith, Graham; Triguero-Mas, Margarita; Kruize, Hanneke; Gražulevičienė, Regina; Ellis, Naomi; Hurst, Gemma; Masterson, Daniel; Cirach, Marta; Berg, van den, Magdalena; Smart, Wim; Dèdelè, Audrius; Maas, Jolanda; Nieuwenhuijsen, Mark. Development of the natural environment scoring tool (NEST) // Urban forestry & urban greening. Netherland : Elsevier, 2018, vol. 29, iss. 1. ISSN 1618-8667, [doi:10.1016/j.ufug.2017.12.007](https://doi.org/10.1016/j.ufug.2017.12.007), WOS:000427197500033, [handle:20.500.12259/57761](https://www.sciencedirect.com/science/article/pii/S154697181830003) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus, BIOSIS Previews, Environment Complete (EBSCO)]
20. Giorgis-Allemand, Lise; Pedersen, Marie; Bernard, Claire; Aguilera, Inmaculada; Beelen, Rob M. J; Chatzi, Leda; Cirach, Marta; Danilevičiūtė, Asta; Dèdelè, Audrius; Eijdsen, Manon van; Estarlich, Marisa; Fernández-Somoano, Ana; Fernández, Mariana F; Forastiere, Francesco; Gehring, Ulrike; Gražulevičienė, Regina; Gruzieva, Olena; Heude, Barbara; Hoek, Gerard; Hoogh, Kees de; Hooven, Edith H. van den; Håberg, Siri E; Iñiguez, Carmen; Jaddoe, Vincent W. V; Korek, Michal; Lertxundi, Aitana; Lepeule, Johanna; Nafstad, Per; Nystad, Wenche; Patelarou, Evridiki; Porta, Daniela; Postma, Dirkje S; Raaschou-Nielsen, Ole; Rudnai, Peter; Siroux, Valérie; Sunyer, Jordi; Stephanou, Euripides G; Sørensen, Mette; Eriksen, Kirsten; Tuffnell, Derek; Varró, Mihály J; Vrijkotte, Tanja G. M; Wijga, Alet H; Wright, John; Nieuwenhuijsen, Mark J; Pershagen, Göran; Brunekreef, Bert; Kogevinas, Manolis; Slama, Rémy. The influence of meteorological factors and atmospheric pollutants on the risk of preterm birth // American journal of epidemiology. Cary, NC : Oxford University Press, 2017, Vol. 185, iss. 4. ISSN 0002-9262, [doi:10.1093/aje/kww141](https://doi.org/10.1093/aje/kww141), WOS:000397245100001, [handle:20.500.12259/53535](https://www.sciencedirect.com/science/article/pii/S000292621730001) [S1] [Science Citation Index Expanded (Web of Science), Academic Search Complete (EBSCO), CINAHL Complete (EBSCO), ProQuest Central, Oxford Journals Online, PubMed Central]
21. Gražulevičienė, Regina; Andrušaitytė, Sandra; Dèdelè, Audrius; Gražulevičius, Tomas; Valius, Leonas; Kapustinskienė, Violeta; Bendokienė, Inga. Environmental quality perceptions and health: a cross-sectional study of citizens of Kaunas, Lithuania // International journal of environmental research and public health. Basel : MDPI, 2020, vol. 17, iss. 12. ISSN 1661-7827, [doi:10.3390/ijerph17124420](https://doi.org/10.3390/ijerph17124420), [handle:20.500.12259/108658](https://www.mdpi.com/1661-7827/17/12/4420). Internet access: <> [S1] [Science Citation Index Expanded (Web of Science), IndexCopernicus, PubMed, Chemical Abstracts, Scopus]
22. Haug, Line Småstuen; Sakhi, Amrit K; Cequier, Enrique; Casas, Maribel; Maitre, Léa; Basagaña, Xavier; Andrušaitytė, Sandra; Chalkiadaki, Georgia; Chatzi, Leda; Coen, Muireann; Bont, Jeroen de; Dèdelè, Audrius; Ferrand, Joane; Gražulevičienė, Regina; Gonzalez, Juan R; Gützkow, Kristine Bjerpe; Keun, Hector C; McEachan, Rosie; Meltzer, Helle Margrete; Petravičienė, Inga; Robinson, Oliver; Saulnier, Pierre-Jean; Slama, Rémy; Sunyer, Jordi; Urquiza, Jose; Vafeiadi, Marina; Wright, John; Vrijheid, Martine; Thomsen, Cathrine. In-utero and childhood chemical exposome in six European mother-child cohorts // Environment international. Amsterdam : Elsevier B.V., 2018, vol. 121. ISSN 0160-4120, [doi:10.1016/j.envint.2018.09.056](https://doi.org/10.1016/j.envint.2018.09.056), WOS:000449071000080, [handle:20.500.12259/59698](https://www.sciencedirect.com/science/article/pii/S016041201830056). Internet access: <https://doi.org/10.1016/j.envint.2018.09.056> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
23. Janulevičius, Algirdas; Čiplienė, Aušra. Estimation of engine CO2 and NOx emissions and their correlation with the not-to-exceed zone for a tractor ploughing fields of various sizes // Journal of cleaner production. Oxford : Elsevier, 2018, vol. 198. ISSN 0959-6526, [doi:10.1016/j.jclepro.2018.07.078](https://doi.org/10.1016/j.jclepro.2018.07.078),

WOS:000442973100138, [handle:20.500.12259/92117](https://www.sciencedirect.com/science/article/pii/S0959652618320511). Internet access:

<<https://www.sciencedirect.com/science/article/pii/S0959652618320511>> [S1] [Science Citation Index Expanded (Web of Science), Academic Search Premier, Business Source Complete, CAB Abstracts, Compendex, Inspec, ScienceDirect]

24. Janulevičius, Algirdas; Juostas, Antanas; Čiplienė, Aušra. Nitrogen-oxide emissions from diesel-engine farm tractors during real-life cycles and their correlation with the not-to-exceed operating zones // *Biosystems engineering*. San Diego., Vol. 161 (2017). ISSN 1537-5110, [doi:10.1016/j.biosystemseng.2017.06.022](https://doi.org/10.1016/j.biosystemseng.2017.06.022), WOS:000408183400009, [handle:20.500.12259/90895](https://www.sciencedirect.com/science/article/pii/S153751101730003X?via%3Dihub). Internet access: <<https://www.sciencedirect.com/science/article/pii/S153751101730003X?via%3Dihub>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus, Biological Abstracts (Thomson ISI), BIOSIS Previews (Thomson ISI), Current Contents / Agriculture, Biology & Environmental Sciences (Thomson ISI)]
25. Janulevičius, Algirdas; Šarauskis, Egidijus; Čiplienė, Aušra; Juostas, Antanas. Estimation of farm tractor performance as a function of time efficiency during ploughing in fields of different sizes // *Biosystems engineering*. San Diego : Elsevier Science, Vol. 179 (2019). ISSN 1537-5110, [doi:10.1016/j.biosystemseng.2019.01.004](https://doi.org/10.1016/j.biosystemseng.2019.01.004), WOS:000459949700008, [handle:20.500.12259/61557](https://www.sciencedirect.com/science/article/pii/S1537511018303453). Internet access: <<https://www.sciencedirect.com/science/article/pii/S1537511018303453>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
26. Jasinskas, Algirdas; Mioldažys, Ramūnas; Jotautienė, Eglė; Domeika, Rolandas; Vaiciukevičius, Edvardas; Marks, Marek. Technical, environmental, and qualitative assessment of the oak waste processing and its usage for energy conversion // *Sustainability*. Basel : MDPI AG, 2020, vol. 12, iss. 19. ISSN 2071-1050, [doi:doi.org/10.3390/su12198113](https://doi.org/10.3390/su12198113), [handle:20.500.12259/110436](https://www.sciencedirect.com/science/article/pii/S1537511018303453) [S1] [Social Sciences Citation Index (Web of Science), Food Science Source (EBSCO), Scopus, Science Citation Index Expanded (Web of Science), Current Contents (Agriculture, Biology & Environmental Sciences), Current Contents (Social And Behavioral Sciences)]
27. Jasinskas, Algirdas; Minajeva, Aleksandra; Šarauskis, Egidijus; Romaneckas, Kęstutis; Kimbirauskienė, Rasa; Pedišius, Nerijus. Recycling and utilisation of faba bean harvesting and threshing waste for bioenergy // *Renewable energy*. Oxford : Elsevier Ltd., 2020, vol. 162. ISSN 0960-1481, [doi:10.1016/j.renene.2020.08.070](https://doi.org/10.1016/j.renene.2020.08.070), [handle:20.500.12259/109499](https://www.sciencedirect.com/science/article/pii/S0960148119318774) [S1] [Science Citation Index Expanded (Web of Science), Scopus, ScienceDirect]
28. Jasinskas, Algirdas; Streikus, Dionizas; Šarauskis, Egidijus; Palšauskas, Mečys; Venslauskas, Kęstutis. Energy evaluation and greenhouse gas emissions of reed plant pelletizing and utilization as solid biofuel // *Energies*. Basel : MDPI AG, 2020, vol. 13, iss. 6. ISSN 1996-1073, [doi:10.3390/en13061516](https://doi.org/10.3390/en13061516), WOS:000524096800064, [handle:20.500.12259/103993](https://www.mdpi.com/1996-1073/13/6/1516/html). Internet access: <<https://www.mdpi.com/1996-1073/13/6/1516/html>> [S1] [Science Citation Index Expanded (Web of Science), Scopus, Current Contents (Engineering, Computing & Technology)]
29. Jasinskas, Algirdas; Streikus, Dionizas; Vonžodas, Tomas. Fibrous hemp (Felina 32, USO 31, Finola) and fibrous nettle processing and usage of pressed biofuel for energy purposes // *Renewable energy*. Oxford : Elsevier Ltd., 2020, vol. 149. ISSN 0960-1481, [doi:10.1016/j.renene.2019.12.007](https://doi.org/10.1016/j.renene.2019.12.007), WOS:000517856500002, [handle:20.500.12259/102331](https://www.sciencedirect.com/science/article/pii/S0960148119318774). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0960148119318774>> [S1] [Science Citation Index Expanded (Web of Science), Scopus, ScienceDirect]
30. Jasinskas, Algirdas; Šiaudinis, Gintaras; Martinkus, Mindaugas; Karčiauskienė, Danutė; Repšienė, Regina; Pedišius, Nerijus; Vonžodas, Tomas. Evaluation of Common Osier (*Salix viminalis* L.) and Black Poplar (*Populus nigra* L.) Biomass Productivity and Determination of Chemical and Energetic Properties of Chopped Plants Produced for Biofuel // *Baltic Forestry*. Girionys : Lithuanian Forest Research Institute et al., 2017, Vol. 23, N 3. ISSN 1392-1355, WOS:000429718300015, [handle:20.500.12259/91545](https://www.balticforestry.mi.lt/bf/PDF_Articles/2017-23%5B3%5D/Baltic%20Forestry%202017.3_666-672.pdf). Internet access: <https://www.balticforestry.mi.lt/bf/PDF_Articles/2017-23%5B3%5D/Baltic%20Forestry%202017.3_666-672.pdf> [S1] [Science Citation Index Expanded (Web of Science), CAB Abstracts, Scopus, Zoological Record (Thomson ISI)]
31. Johns, E. I; Padgurskas, Juozas; Žunda, Audrius; Kupčinskas, Artūras; Kavaliova, I. N. Study of Tribological Properties of Tallow Modified by Graphene and Expanded Graphite // *Journal of Friction and Wear*. New York : Allerton Press, T. 39, N 4 (2018). ISSN 1068-3666, [doi:10.3103/S1068366618040049](https://doi.org/10.3103/S1068366618040049), WOS:000442861000013, [handle:20.500.12259/92096](https://www.sciencedirect.com/science/article/pii/S0959652618320511). Internet access:

<<https://link.springer.com/content/pdf/10.3103%2FS1068366618040049.pdf>> [S1] [Science Citation Index Expanded (Web of Science), SpringerLINK, INSPEC]

32. Jotautienė, Eglė; Jasinskas, Algirdas; Kučinskas, Vytautas; Steponavičius, Dainius. Silage production technology using grass thickening vibratory method // Journal of vibroengineering. Kaunas : JVE International, 2017, Vol. 19, iss. 5. ISSN 1392-8716, [doi:10.21595/jve.2017.16848](https://doi.org/10.21595/jve.2017.16848), WOS:000407687800006, [handle:20.500.12259/90928](https://www.jvejournal.com/Vibro/article/JVE-16848.html). Internet access: <<http://www.jvejournal.com/Vibro/article/JVE-16848.html>> [S1] [Science Citation Index Expanded (Web of Science), Scopus, INSPEC, Academic Search Complete (EBSCO), Central & Eastern European Academic Source (CEEAS), Computers & Applied Sciences Complete, Current Abstracts, TOC Premier]
33. Juknevičius, Darius; Kriauciūnienė, Zita; Jasinskas, Algirdas; Šarauskis, Egidijus. Analysis of changes in soil organic carbon, energy consumption and environmental impact using bio-products in the production of winter wheat and oilseed rape // Sustainability. Basel : MDPI AG, 2020, vol. 12, iss. 19. ISSN 2071-1050, [doi:10.3390/su12198246](https://doi.org/10.3390/su12198246), [handle:20.500.12259/110541](https://www.mdpi.com/handle/20.500.12259/110541) [S1] [Social Sciences Citation Index (Web of Science), Food Science Source (EBSCO), Scopus, Science Citation Index Expanded (Web of Science), Current Contents (Agriculture, Biology & Environmental Sciences), Current Contents (Social And Behavioral Sciences)]
34. Juknys, Romualdas; Velička, Rimantas; Kanapickas, Arvydas; Kriauciūnienė, Zita; Masionytė, Laura; Vagusevičienė, Ilona; Pupalienė, Rita; Klepeckas, Martynas; Sujetovienė, Gintarė. Projecting the impact of climate change on phenology of winter wheat in northern Lithuania // International journal of biometeorology. Berlin : Springer Verlag, 2017, vol. 61, iss. 10. ISSN 0020-7128, [doi:10.1007/s00484-017-1360-y](https://doi.org/10.1007/s00484-017-1360-y), WOS:000413145100005, [handle:20.500.12259/57378](https://www.springer.com/article/10.1007/s00484-017-1360-y). Internet access: <<http://link.springer.com/article/10.1007/s00484-017-1360-y>> [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, SpringerLINK, Scopus]
35. Kadžiulienė, Žydrė; Tilvikienė, Vita; Liaudanskienė, Inga; Pocienė, Lina; Černiauskienė, Živilė; Zvicevičius, Egidijus; Raila, Algirdas. Artemisia dubia growth, yield and biomass characteristics for combustion // Žemdirbystė = Agriculture / Lietuvos agrarinių ir miškų mokslų centras, Aleksandro Stulginskio universitetas. Akademija, (Kėdainių r.), T. 104, Nr. 2 (2017). ISSN 1392-3196, [doi:10.13080/z-a.2017.104.013](https://doi.org/10.13080/z-a.2017.104.013), [handle:20.500.12259/90571](https://www.zemdirbyste-agriculture.lt/wp-content/uploads/2017/05/104_2_str13.pdf). Internet access: <http://www.zemdirbyste-agriculture.lt/wp-content/uploads/2017/05/104_2_str13.pdf> [S1] [Science Citation Index Expanded (Web of Science), CAB Abstracts, Scopus]
36. Kiniulis, Valdas; Steponavičius, Dainius; Andriušis, Albinas; Kemzūraitė, Aurelija; Jovarauskas, Darius. Corn Ear Threshing Performance of Filler-Plate-Covered Threshing Cylinders // Mechanika Kaunas : Technologija, 2017, vol. 23, no. 5. ISSN 1392-1207, [doi:10.5755/j01.mech.23.5.17389](https://doi.org/10.5755/j01.mech.23.5.17389), WOS:000415017200013, [handle:20.500.12259/91217](https://www.mechanika.ktu.lt/index.php/Mech/article/view/17389). Internet access: <<http://mechanika.ktu.lt/index.php/Mech/article/view/17389>> [S1] [Science Citation Index Expanded (Web of Science), INSPEC, Compendex, Academic Search Complete (EBSCO), FLUIDEX, Scopus]
37. Kiniulis, Valdas; Steponavičius, Dainius; Kemzūraitė, Aurelija; Andriušis, Albinas; Juknevičius, Darius. Dynamic Indicators of a Corn Ear Threshing Process Influenced by the Threshing-Separation Unit Load // Mechanika / Kauno technologijos universitetas, Lietuvos mokslų akademija, Vilniaus Gedimino technikos universitetas. Kaunas : Technologija, 2018, vol. 24, no. 4. ISSN 1392-1207, [doi:10.5755/j01.mech.24.4.20721](https://doi.org/10.5755/j01.mech.24.4.20721), WOS:000444009000004, [handle:20.500.12259/92083](https://www.mechanika.ktu.lt/index.php/Mech/article/view/20721). Internet access: <<http://mechanika.ktu.lt/index.php/Mech/article/view/20721>> [S1] [Science Citation Index Expanded (Web of Science), INSPEC, Compendex, Academic Search Complete (EBSCO), FLUIDEX, Scopus]
38. Labeckas, Gvidonas; Slavinskas, Stasys; Kanapkienė, Irena. Study of the effects of biofuel-oxygen of various origins on a CRDI diesel engine combustion and emissions // Energies. Basel : MDPI AG, 2019, vol. 12, iss. 7, art. no. 1241. ISSN 1996-1073, [doi:10.3390/en12071241](https://doi.org/10.3390/en12071241), WOS:000465561400058, [handle:20.500.12259/61885](https://www.mdpi.com/handle/20.500.12259/61885). Internet access: <<https://www.mdpi.com/1996-1073/12/7/1241/pdf>> [S1] [Science Citation Index Expanded (Web of Science), Scopus]
39. Labeckas, Gvidonas; Slavinskas, Stasys; Kanapkienė, Irena. The individual effects of cetane number, oxygen content or fuel properties on performance efficiency, exhaust smoke and emissions of a turbocharged CRDI diesel engine – Part 2 // Energy Conversion and Management. Oxford : Pergamon-Elsevier Science Ltd, Vol. 149 (2017). ISSN 0196-8904, [doi:doi.org/10.1016/j.enconman.2017.07.017](https://doi.org/10.1016/j.enconman.2017.07.017), WOS:000411537200037, [handle:20.500.12259/90887](https://www.sciencedirect.com/science/article/pii/S0196890417306520?via%3Dihub). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0196890417306520?via%3Dihub>> [S1] [Science Citation

Index Expanded (Web of Science), ScienceDirect, Compendex, CAB Abstracts, INSPEC, Academic Search Complete (EBSCO), Scopus]

40. Labeckas, Gvidonas; Slavinskas, Stasys; Kanapkienė, Irena. The individual effects of cetane number, oxygen content or fuel properties on the ignition delay, combustion characteristics, and cyclic variation of a turbocharged CRDI diesel engine – Part 1 // *Energy Conversion and Management*. Oxford : Pergamon-Elsevier Science Ltd, Vol. 148 (2017). ISSN 0196-8904, [doi:10.1016/j.enconman.2017.06.050](https://doi.org/10.1016/j.enconman.2017.06.050), WOS:000410010000082, [handle:20.500.12259/90774](https://www.handle.net/20.500.12259/90774). Internet access: <http://www.sciencedirect.com/science/article/pii/S0196890417305964> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Compendex, CAB Abstracts, INSPEC, Academic Search Complete (EBSCO), Scopus]
41. Labeckas, Gvidonas; Slavinskas, Stasys; Laurinaitis, Kastytis. Effect of Jet A-1/Ethanol Fuel Blend on HCCI Combustion and Exhaust Emissions // *Journal of Energy Engineering*. Iasi : American Society of Civil Engineers, USA, 2018, Vol. 144, No. 5. ISSN 0733-9402, doi:10.1061/(ASCE)EY.1943-7897.0000560, WOS:000441680700001, [handle:20.500.12259/91891](https://www.handle.net/20.500.12259/91891). Internet access: <https://ascelibrary.org/doi/pdf/10.1061/%28ASCE%29EY.1943-7897.0000560> [S1] [Science Citation Index Expanded (Web of Science), Academic Search Complete (EBSCO)]
42. Labeckas, Gvidonas; Slavinskas, Stasys; Rudnicki, Jacek; Zdrażny, Ryszard. The effect of oxygenated diesel-n-butanol fuel blends on combustion, performance, and exhaust emissions of a turbocharged crdi diesel engine // *Polish Maritime Research*. Gdansk : Gdansk University of Technology, Vol. 25, iss. 1 (2018). ISSN 1233-2585, [doi:10.2478/pomr-2018-0013](https://doi.org/10.2478/pomr-2018-0013), WOS:000429887700013, [handle:20.500.12259/91651](https://www.handle.net/20.500.12259/91651). Internet access: <https://content.sciendo.com/view/journals/pomr/25/1/article-p108.xml> [S1] [Science Citation Index Expanded (Web of Science), Scopus]
43. Lopatienė, Kristina; Dobožinskas, Paulius; Vencloviene, Jonė; Brazienė, Agnė; Dėdelė, Audrius. Associations of short-term exposure to ambient air pollutants with emergency ambulance calls for the exacerbation of essential arterial hypertension // *International journal of environmental health research*. London : Taylor and Francis, 2017, vol. 27, iss. 6. ISSN 0960-3123, [doi:10.1080/09603123.2017.1405246](https://doi.org/10.1080/09603123.2017.1405246), WOS:000423157000006, [handle:20.500.12259/58154](https://www.handle.net/20.500.12259/58154) [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, CAB Abstracts]
44. Maitre, Léa; Bont, Jeroen de; Casas, Maribel; Robinson, Oliver; Aasvang, Gunn Marit; Agier, Lydiane; Andrušaitytė, Sandra; Ballester, Ferran; Basagaña, Xavier; Borràs, Eva; Brochot, Celine; Bustamante, Mariona; Carracedo, Angel; Castro, Montserrat de; Dėdelė, Audrius; Donaire-Gonzalez, David; Estivill, Xavier; Evandt, Jorunn; Fossati, Serena; Giorgis-Allemand, Lise; Gonzalez, Juan R; Granum, Berit; Gražulevičienė, Regina; Gützkow, Kristine Bjerve; Haug, Line Småstuen; Hernandez-Ferrer, Carles; Heude, Barbara; Ibarluzea, Jesus; Julvez, Jordi; Karachaliou, Marianna; Keun, Hector C; Krog, Norun Hjertager; Lau, Chung-Ho E; Leventakou, Vasiliki; Lyon-Caen, Sarah; Manzano, Cynthia; Mason, Dan; McEachan, Rosemary R. C; Meltzer, Helle Margrete; Petravičienė, Inga; Quentin, Joane; Roumeliotaki, Theano; Sabidó, Eduard; Saulnier, Pierre-Jean; Siskos, Alexandros P; Siroux, Valérie; Sunyer, Jordi; Tamayo-Uria, Ibon; Urquiza, Jose; Vafeiadi, Marina; Gent, Diana van; Vives-Usano, Marta; Waiblinger, Dagmar; Warembourg, Charline; Chatzi, Leda; Coen, Muireann; Hazel, Peter Jan van den; Nieuwenhuijsen, Mark J; Slama, Rémy; Thomsen, Cathrine; Wright, John; Vrijheid, Martine. Human Early Life Exposome (HELIX) study: a European population-based exposome cohort // *BMJ open* [electronic resource]. London : BMJ Publishing Group Ltd, 2018, vol. 8, no. 9. ISSN 2044-6055, [doi:10.1136/bmjopen-2017-021311](https://doi.org/10.1136/bmjopen-2017-021311), WOS:000450417800042, [handle:20.500.12259/59359](https://www.handle.net/20.500.12259/59359). Internet access: <https://bmjopen.bmj.com/content/8/9/e021311.full.pdf> [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, CAB Abstracts]
45. Medvids, A; Onufrijevs, P; Kaupuzs, J; Grase, L; Malyshev, B; Valizadeh, R; Žunda, Audrius; Padgurskas, Juozas. Improvement of Nb/Cu adhesion and increase of Nb crystal size by laser radiation // *Applied surface science*. Amsterdam : Elsevier Science B.V., 2020, vol. 525. ISSN 0169-4332, [doi:10.1016/j.apsusc.2020.146528](https://doi.org/10.1016/j.apsusc.2020.146528), WOS:000542036500005, [handle:20.500.12259/105216](https://www.handle.net/20.500.12259/105216) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, SpringerLINK, Scopus]
46. Miėlėdažys, Ramūnas; Jotautienė, Eglė; Jasinskas, Algirdas. The opportunities of sustainable biomass ashes and poultry manure recycling for granulated fertilizers // *Sustainability*. Basel : MDPI AG, 2019, vol. 11, iss. 16. ISSN 2071-1050, [doi:10.3390/su11164466](https://doi.org/10.3390/su11164466), WOS:000484472500209, [handle:20.500.12259/99852](https://www.handle.net/20.500.12259/99852).

Internet access: <<https://www.mdpi.com/2071-1050/11/16/4466/pdf>> [S1] [Social Sciences Citation Index (Web of Science), Food Science Source (EBSCO), Scopus]

47. Mioldažys, Ramūnas; Jotautienė, Eglė; Jasinskas, Algirdas; Pekarskas, Juozas; Zinkevičienė, Raimonda. Investigation of physical-mechanical properties and impact on soil of granulated manure compost fertilizers // Journal of environmental engineering and landscape management. Vilnius : Vilnius Gediminas Technical University, 2019, vol. 27, no. 3. ISSN 1648-6897, [doi:10.3846/jeelm.2019.10794](https://doi.org/10.3846/jeelm.2019.10794), WOS:000487273800004, [handle:20.500.12259/100079](https://www.vdu.lt/cris/bitstream/20.500.12259/100079). Internet access: <https://www.vdu.lt/cris/bitstream/20.500.12259/100079/2/ISSN1648-6897_V_27.N_3.P_153-162.pdf> [S1] [Science Citation Index Expanded (Web of Science), Compindex, ICONDA, Scopus]
48. Mozgeris, Gintautas; Jonikavičius, Donatas; Jovarauskas, Darius; Zinkevičius, Remigijus; Petkevičius, Sigita; Steponavičius, Dainius. Imaging from manned ultra-light and unmanned aerial vehicles for estimating properties of spring wheat // Precision Agriculture. Dordrecht : Springer, 2018, Vol. 19, iss. 5. ISSN 1385-2256, [doi:10.1007/s11119-018-9562-9](https://doi.org/10.1007/s11119-018-9562-9), WOS:000443394400006, [handle:20.500.12259/92019](https://www.handle.org/20.500.12259/92019). Internet access: <<https://link.springer.com/content/pdf/10.1007%2Fs11119-018-9562-9.pdf>> [S1] [Science Citation Index Expanded (Web of Science), SpringerLink]
49. Narmontas, Martynas; Rupšys, Petras; Petrauskas, Edmundas. Construction of reducible stochastic differential equation systems for tree height–diameter connections // Mathematics. Basel : MDPI, 2020, vol. 8, iss. 8. ISSN 2227-7390, [doi:10.3390/math8081363](https://doi.org/10.3390/math8081363), WOS:000564843700001, [handle:20.500.12259/109554](https://www.handle.org/20.500.12259/109554) [S1] [Science Citation Index Expanded (Web of Science), Scopus, Zentralblatt MATH]
50. Narmontas, Martynas; Rupšys, Petras; Petrauskas, Edmundas. Models for tree taper form: the gompertz and vasicek diffusion processes framework // Symmetry. Basel: MDPI, 2020, vol. 12, iss. 1. ISSN 2073-8994, [doi:10.3390/sym12010080](https://doi.org/10.3390/sym12010080), [handle:20.500.12259/103361](https://www.handle.org/20.500.12259/103361). Internet access: <<http://dx.doi.org/10.3390/sym12010080>> [S1] [Academic Search Complete (EBSCO), Scopus, Science Citation Index Expanded (Web of science), Current Contents (Physical, Chemical & Earth Sciences)]
51. Naujokienė, Vilma; Šrauskis, Egidijus; Bleizgys, Rolandas; Sasnauskienė, Jurgita. Soil biotreatment effectiveness for reducing global warming potential from main polluting tillage operations in life cycle assessment phase // Science of the total environment. Amsterdam : Elsevier Science BV, 2019, vol. 671. ISSN 0048-9697, [doi:10.1016/j.scitotenv.2019.03.338](https://doi.org/10.1016/j.scitotenv.2019.03.338), WOS:000466090500084, [handle:20.500.12259/61875](https://www.handle.org/20.500.12259/61875). Internet access: <<https://www.sciencedirect.com/science/article/pii/S004896971931335X>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus, MEDLINE, Environment Complete]
52. Nieuwenhuijsen, Mark; Agier, Lydiane; Basagaña, Xavier; Urquiza, Jose; Tamayo-Uria, Ibon; Giorgis-Allemand, Lise; Robinson, Oliver; Siroux, Valérie; Maitre, Léa; Castro, Montserrat de; Valentín, Antònia; Donaire-Gonzalez, David; Dadvand, Payam; Aasvang, Gunn Marit; Krog, Hjertager Norun; Schwarze, Per E; Chatzi, Leda; Gražulevičienė, Regina; Andrušaitytė, Sandra; Dèdelè, Audrius; McEachan, Rosemary R. C; Wright, John; West, Joel; Ibarluzea, Jesus; Ballester, Ferran; Vrijheid, Martine; Slama, Rémy. Influence of the urban exposome on birth weight // Environmental health perspectives. Research Triangle Park, USA : National Institute of Environmental Health Sciences, 2019, Vol. 127, iss. 4. ISSN 0091-6765, [doi:10.1289/EHP3971](https://doi.org/10.1289/EHP3971), WOS:000467131100006, [handle:20.500.12259/93258](https://www.handle.org/20.500.12259/93258). Internet access: <<https://ehp.niehs.nih.gov/doi/pdf/10.1289/EHP3971>> [S1] [Science Citation Index Expanded (Web of Science), Academic Search Premier (EBSCO), MEDLINE, ProQuest Central, Agriculture Collection (Gale), Scopus]
53. Ostaševičius, Vytautas; Jūrėnas, Vytautas; Vilkauskas, Andrius; Balevičius, Gytaitas; Senkus, Andrius; Jotautienė, Eglė. A Novel Excitation Approach to Ultrasonically-Assisted Cylindrical Grinding // Strojniški Vestnik - Journal of mechanical engineering. Ljubljana : Association of Mechanical Engineers and Technicians of Slovenia, 2017, vol. 63, iss. 12. ISSN 0039-2480, [doi:10.5545/sv-jme.2016.4196](https://doi.org/10.5545/sv-jme.2016.4196), WOS:000416696800002, [handle:20.500.12259/91242](https://www.handle.org/20.500.12259/91242). Internet access: <<http://ojs.sv-jme.eu/index.php/sv-jme/article/view/sv-jme.2016.4196/1225>> [S1] [Science Citation Index Expanded (Web of Science), Compindex, Inspec, Scopus]
54. Padgurskas, Juozas; Kreivaitis, Raimondas; Rukuiža, Raimundas; Mihailov, Valentin; Agafii, Vasile; Kriūkienė, Rita; Baltušnikas, Arūnas. Tribological properties of coatings obtained by electro-spark alloying C45 steel surfaces // Surface & Coatings Technology. Lausanne : Elsevier Science, Vol. 311 (2017). ISSN 0257-8972, [doi:10.1016/j.surfcoat.2016.12.098](https://doi.org/10.1016/j.surfcoat.2016.12.098), WOS:000395355300011, [handle:20.500.12259/90403](https://www.handle.org/20.500.12259/90403). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0257897216313871?via%3Dihub>> [S1]

[Science Citation Index Expanded (Web of Science), ScienceDirect, Academic Search Complete (EBSCO), Compendex, Inspec]

55. Padgurskas, Juozas; Rukuiža, Raimundas; Kupčinskas, Artūras; Prisyazhna, Katerina; Grigoriev, Andrei; Kavaliova, Inna; Revo, Sergej. Tribological properties of beef tallow as lubricating grease // *Industrial Lubrication and Tribology*. Bingley., 2017, Vol. 69, N 5. ISSN 0036-8792, [doi:10.1108/ILT-01-2016-0014](https://doi.org/10.1108/ILT-01-2016-0014), WOS:000411478900004, [handle:20.500.12259/91248](https://www.emerald.com/inspec/handle/20.500.12259/91248) [S1] [Science Citation Index Expanded (Web of Science), EMERALD]
56. Padgurskas, Juozas; Rukuiža, Raimundas; Žunda, Audrius; Michailov, Valentin; Gventsadze, David; Kutelia, Elguja. Influence of silver surface treatment and frictional materials on the operating properties of piezo-electric actuators // *Tribology international*. , Vol. 120(2018). ISSN 0301-679X, [doi:10.1016/j.triboint.2017.12.039](https://doi.org/10.1016/j.triboint.2017.12.039), WOS:000428102900019, [handle:20.500.12259/91582](https://www.sciencedirect.com/science/article/pii/S0301679X17305972#!). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0301679X17305972#!>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, INSPEC, CAB Abstracts, Scopus]
57. Palšauskas, Mečys; Baliukonis, Gintautas; Jasinskas, Algirdas; Pocius, Antanas. Device ensuring effective usage of photovoltaics for water heating // *Electrical engineering*. Berlin : Springer Verlag, 2019, vol. 101, iss. 1. ISSN 0948-7921, [doi:10.1007/s00202-019-00766-0](https://doi.org/10.1007/s00202-019-00766-0), WOS:000468966400016, [handle:20.500.12259/93533](https://www.sciencedirect.com/science/article/pii/S00202019007660). Internet access: <<https://link.springer.com/article/10.1007/s00202-019-00766-0>> [S1] [Science Citation Index Expanded (Web of Science), Scopus, SpringerLink]
58. Paulikienė, Simona; Raila, Algirdas; Žvirdauskienė, Renata; Zvicevičius, Egidijus. Application of an environmentally friendly preventive measure for the preservation of fresh vegetables // *Journal of food science and technology*. New Delhi : Springer India, 2019, vol. 56, iss. 4. ISSN 0022-1155, [doi:10.1007/s13197](https://doi.org/10.1007/s13197), WOS:000463066800046, [handle:20.500.12259/61882](https://www.sciencedirect.com/science/article/pii/S0022115519300046) [S1] [Science Citation Index Expanded (Web of Science), Scopus, SpringerLINK]
59. Paulikienė, Simona; Venslauskas, Kęstutis; Raila, Algirdas; Žvirdauskienė, Renata; Naujokienė, Vilma. The influence of ozone technology on reduction of carrot loss and environmental IMPACT // *Journal of cleaner production*. Oxford : Elsevier Science, 2020, vol. 244. ISSN 0959-6526, [doi:10.1016/j.jclepro.2019.118734](https://doi.org/10.1016/j.jclepro.2019.118734), WOS:000503172600174, [handle:20.500.12259/101026](https://www.sciencedirect.com/science/article/pii/S0959652619300046) [S1] [Science Citation Index Expanded (Web of Science), Scopus, Academic Search Premier (EBSCO), ScienceDirect]
60. Petrauskas, Edmundas; Rupšys, Petras; Narmontas, Martynas; Aleinikovas, Marius; Beniušienė, Lina; Šilinskas, Benas. Stochastic models to qualify stem tapers // *Algorithms*. Basel: MDPI AG, 2020, vol. 13, iss. 4. ISSN 1999-4893, [doi:10.3390/a13040094](https://doi.org/10.3390/a13040094), [handle:20.500.12259/104611](https://www.mdpi.com/1999-4893/13/4/94) [S1] [Emerging Sources Citation Index (Web of science), Scopus]
61. Petravičienė, Inga; Gražulevičienė, Regina; Andrušaitytė, Sandra; Dėdelė, Audrius; Nieuwenhuijsen, Mark. Impact of the social and natural environment on preschool-age children weight // *International journal of environmental research and public health*. Basel : Molecular diversity preservation international (MDPI), 2018, vol. 15, iss. 3. ISSN 1660-4601, [doi:10.3390/ijerph15030449](https://doi.org/10.3390/ijerph15030449), WOS:000428509200056, [handle:20.500.12259/36063](https://www.mdpi.com/1660-4601/15/3/449). Internet access: <https://www.vdu.lt/cris/bitstream/20.500.12259/36063/1/ISSN1660-4601_2018_V_15_3.PG_1-14.pdf> [S1] [Science Citation Index Expanded (Web of Science), IndexCopernicus, PubMed, Chemical Abstracts, Scopus]
62. Pohrelyuk, I.M; Padgurskas, Juozas; Tkachuk, V.P; Luk'yanenko, A.G; Trush, V.S; Lavrys, S.M. Influence of oxynitriding on antifriction properties of Ti–6Al–4V titanium alloy // *Journal of friction and wear*. Moscow : Springer; Pleiades Publishing, 2020, vol. 41, iss. 4. ISSN 1068-3666, [doi:10.3103/S1068366620040108](https://doi.org/10.3103/S1068366620040108), WOS:000565222400008, [handle:20.500.12259/110032](https://www.sciencedirect.com/science/article/pii/S1068366620040108) [S1] [Science Citation Index Expanded (Web of Science), SpringerLINK, INSPEC]
63. Pohrelyuk, I.M; Sheykin, S.E; Padgurskas, Juozas; Lavrys, S.M. Wear resistance of two-phase titanium alloy after deformation-diffusion treatment // *Tribology international*. , Vol. 127 (2018). ISSN 0301-679X, [doi:10.1016/j.triboint.2018.06.011](https://doi.org/10.1016/j.triboint.2018.06.011), WOS:000442334100040, [handle:20.500.12259/91892](https://www.sciencedirect.com/science/article/pii/S0301679X18302974). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0301679X18302974>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, INSPEC, CAB Abstracts, Scopus]
64. Povilaitis, Virmantas; Kadžiulienė, Žydrė; Tilvikienė, Vita; Venslauskas, Kęstutis; Navickas, Kęstutis; Župerka, Vidmantas. The effect of digestate and mineral fertilisation of cocksfoot grass on greenhouse gas emissions in a cocksfoot-based biogas production system // *Energy, Sustainability and Society*. London : BMC; Spriger, 2020, vol. 10, iss. 1. ISSN 2192-0567, [doi:10.1186/s13705-020-00245-6](https://doi.org/10.1186/s13705-020-00245-6),

WOS:000518879500001, [handle:20.500.12259/103929](https://www.sciencedirect.com/science/article/pii/S0169433213022538). Internet access:

<<https://link.springer.com/article/10.1186/s13705-020-00245-6>> [S1] [Science Citation Index Expanded (Web of Science)]

65. Povilaitis V., Lazauskas S., Antanaitis Š., Feizienė D., Feiza V., Tilvikienė V. 2018. Relationship between spring barley productivity and growing management in Lithuania's lowland. *Acta Agriculturae Scandinavica, Section B — Soil & Plant Science*, 68 (1): 86–95.
66. Pranevičius, Liudvikas; Pranevičius, Liudas L; Vilkinis, Paulius; Baltaragis, Simas; Gedvilas, Karolis. Water surface coverage effects on reactivity of plasma oxidized Ti films // *Applied surface science*. Amsterdam : Elsevier Science B.V., 2014, vol. 295. ISSN 0169-4332, [doi:10.1016/j.apsusc.2013.11.164](https://doi.org/10.1016/j.apsusc.2013.11.164), WOS:000331614300035, [handle:20.500.12259/36991](https://www.sciencedirect.com/science/article/pii/S0169433213022538). Internet access: <<http://www.sciencedirect.com/science/article/pii/S0169433213022538>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, SpringerLINK, Scopus]
67. Prisyazhna, Katerina; Grigoriev, Andrei; Kavaliouva, Inna; Revo, Sergej; Padgurskas, Juozas; Rukuiža, Raimundas; Kupčinskas, Artūras. Tribological properties of beef tallow as lubricating grease // *Industrial Lubrication and Tribology*. Bingley., 2017, Vol. 69, N 5. ISSN 0036-8792, [doi:10.1108/ILT-01-2016-0014](https://doi.org/10.1108/ILT-01-2016-0014), [handle:20.500.12259/91049](https://www.sciencedirect.com/science/article/pii/S0036879216300014) [S1] [Science Citation Index Expanded (Web of Science), EMERALD]
68. Punys, Petras; Kasiulis, Egidijus; Kvaraciejus, Algis; Dumbrasukas, Antanas; Vyčienė, Gitana; Šilinis, Linas. Impacts of the EU and national environmental legislation on tapping hydropower resources in Lithuania – A lowland country // *Renewable & sustainable energy reviews*. Oxford : Pergamon-Elsevier Science, Vol. 80 (2017). ISSN 1364-0321, [doi:10.1016/j.rser.2017.05.196](https://doi.org/10.1016/j.rser.2017.05.196), WOS:000412787600039, [handle:20.500.12259/90817](https://www.sciencedirect.com/science/article/pii/S1364032117308262?via%3Dihub). Internet access: <<https://www.sciencedirect.com/science/article/pii/S1364032117308262?via%3Dihub>> [S1] [Science Citation Index Expanded (Web of Science), Academic Search Premier, Compendex, Inspec, ScienceDirect]
69. Punys, Petras; Kvaraciejus, Algis; Dumbrasukas, Antanas; Šilinis, Linas; Popa, Bogdan. An assessment of micro-hydropower potential at historic watermill, weir, and non-powered dam sites in selected EU countries // *Renewable energy*. Oxford : Elsevier Ltd., 2019, vol. 133. ISSN 0960-1481, [doi:10.1016/j.renene.2018.10.086](https://doi.org/10.1016/j.renene.2018.10.086), WOS:000456761300099, [handle:20.500.12259/61521](https://www.sciencedirect.com/science/article/pii/S0960148118312898). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0960148118312898>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
70. Punys, Petras; Radzevičius, Algirdas; Kvaraciejus, Algis; Gasiūnas, Valerijus; Šilinis, Linas. A multi-criteria analysis for siting surface-flow constructed wetlands in tile-drained agricultural catchments: the case of Lithuania // *Agricultural water management*. Amsterdam : Elsevier Science, 2019, vol. 213, iss. 1. ISSN 0378-3774, [doi:10.1016/j.agwat.2018.12.020](https://doi.org/10.1016/j.agwat.2018.12.020), WOS:000457952700098, [handle:20.500.12259/61545](https://www.sciencedirect.com/science/article/pii/S0378377418300098). Internet access: <> [S1] [ScienceDirect, Science Citation Index Expanded (Web of Science), INSPEC, AGRICOLA, Compendex, GeoRef, Scopus]
71. Reškevičius, Giedrius; Padgurskas, Juozas. Tribological Behaviour of the Self-Lubricating Polymers against Steel 45 Using Different Velocity // *Journal of Friction and Wear*. New York : Allerton Press, T. 38, N1 (2017). ISSN 1068-3666, [doi:10.3103/S1068366617010081](https://doi.org/10.3103/S1068366617010081), WOS:000396447800015, [handle:20.500.12259/90559](https://www.sciencedirect.com/science/article/pii/S1068366617010081) [S1] [Science Citation Index Expanded (Web of Science), SpringerLINK, INSPEC]
72. Robinson, Oliver; Tamayo-Uria, Ibon; Castro, Montserrat de; Valentín, Antònia; Giorgis-Allemand, Lise; Krog, Hjertager Norun; Aasvang, Gunn Marit; Ambròs, Albert; Ballester, Ferran; Bird, Pippa; Chatzi, Leda; Cirach, Marta; Dèdelè, Audrius; Donaire-Gonzalez, David; Gražulevičienė, Regina; Iakovides, Minas; Ibarluzea, Jesus; Kampouri, Mariza; Lepeule, Johanna; Maitre, Léa; McEachan, Rosemary R. C; Oftedal, Bente; Siroux, Valérie; Slama, Rémy; Stephanou, Euripides G; Sunyer, Jordi; Urquiza, Jose; Weyde, Kjell Vegard; Wright, John; Vrijheid, Martine; Nieuwenhuijsen, Mark; Basagaña, Xavier. The Urban exposome during pregnancy and its socioeconomic determinants // *Environmental health perspectives*. Research Triangle Park, USA : National Institute of Environmental Health Sciences, 2018, Vol. 126, iss. 7. ISSN 0091-6765, [doi:10.1289/EHP2862](https://doi.org/10.1289/EHP2862), WOS:000440142600006, [handle:20.500.12259/58985](https://www.sciencedirect.com/science/article/pii/S009167651830006). Internet access: <<https://ehp.niehs.nih.gov/wp-content/uploads/2018/07/EHP2862.alt.pdf>> [S1] [Science Citation Index Expanded (Web of Science), Academic Search Premier (EBSCO), MEDLINE, ProQuest Central, Agriculture Collection (Gale), Scopus]

73. Romaneckas, Kęstutis; Kimbirauskienė, Rasa; Adamavičienė, Aida; Buragienė, Sidona; Sinkevičienė, Aušra; Šarauskis, Egidijus; Jasinskas, Algirdas; Minajeva, Aleksandra. Impact of sustainable tillage on biophysical properties of Planosol and on faba bean yield // *Agricultural and food science*. Helsinki : Scientific Agricultural Society of Finland, 2019, vol. 28, iss. 3. ISSN 1459-6067, [doi:10.23986/afsci.83337](https://doi.org/10.23986/afsci.83337), WOS:000488280600001, [handle:20.500.12259/100776](https://hdl.handle.net/20.500.12259/100776). Internet access: <https://journal.fi/afs/article/view/83337/44636> [S1] [Science Citation Index Expanded (Web of Science), Scopus]
74. Rubežius, Mantas; Bleizgys, Rolandas; Venslauskas, Kęstutis; Navickas, Kęstutis. Influence of biological pretreatment of poultry manure on biochemical methane potential and ammonia emission // *Biomass & Bioenergy*. Oxford : Pergamon-Elsevier Science Ltd, 2020, vol. 142. ISSN 0961-9534, [doi:10.1016/j.biombioe.2020.105815](https://doi.org/10.1016/j.biombioe.2020.105815), [handle:20.500.12259/110595](https://hdl.handle.net/20.500.12259/110595) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
75. Rubežius, Mantas; Venslauskas, Kęstutis; Navickas, Kęstutis; Bleizgys, Rolandas. Influence of aerobic pretreatment of poultry manure on the biogas production process // *Processes*. Basel : MDPI AG, 2020, 8(9). ISSN 2227-9717, [doi:10.3390/pr8091109](https://doi.org/10.3390/pr8091109), [handle:20.500.12259/109925](https://hdl.handle.net/20.500.12259/109925) [S1] [Science Citation Index Expanded (Web of Science), Current Contents (Engineering, Computing & Technology)]
76. Rupšys, Petras. Modeling dynamics of structural components of forest stands based on trivariate stochastic differential equation // *Forests*. Basel : MDPI AG, 2019, vol. 10, iss. 6. ISSN 1999-4907, [doi:10.3390/f10060506](https://doi.org/10.3390/f10060506), WOS:000475305000046, [handle:20.500.12259/99187](https://hdl.handle.net/20.500.12259/99187). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/99187/2/ISSN1999-4907_V_10.N_6.AN_506.pdf [S1] [Science Citation Index Expanded (Web of Science), Scopus]
77. Rupšys, Petras. Understanding the evolution of tree size diversity within the multivariate nonsymmetrical diffusion process and information measures // *Mathematics*. Basel : MDPI, 2019, vol. 7, iss. 8. ISSN 2227-7390, [doi:10.3390/math7080761](https://doi.org/10.3390/math7080761), WOS:000482856500097, [handle:20.500.12259/99880](https://hdl.handle.net/20.500.12259/99880). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/99880/2/ISSN2227-7390_2019_V_7_8_761.PG_1-22.pdf [S1] [Science Citation Index Expanded (Web of Science), Scopus, Zentralblatt MATH]
78. Rupšys, Petras; Petrauskas, Edmundas. A Linkage among Tree Diameter, Height, Crown Base Height, and Crown Width 4-Variate Distribution and Their Growth Models: A 4-Variate Diffusion Process Approach // *Forests*. Basel : MDPI AG, Vol. 8, iss. 12 (2017). ISSN 1999-4907, [doi:10.3390/f8120479](https://doi.org/10.3390/f8120479), WOS:000419210800020, [handle:20.500.12259/91220](https://hdl.handle.net/20.500.12259/91220). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/91220/2/ISSN1999-4907_2017_V_8_12.PG_1666-1695.pdf [S1] [Science Citation Index Expanded (Web of Science), Scopus, Current Contents / Agriculture, Biology & Environmental Sciences (Thomson ISI)]
79. Rupšys, Petras; Petrauskas, Edmundas. A new paradigm in modelling the evolution of a stand via the distribution of tree sizes // *Scientific reports*. London : Nature Publishing Group, 2017, vol. 7. ISSN 2045-2322, [doi:10.1038/s41598-017-16100-2](https://doi.org/10.1038/s41598-017-16100-2), WOS:000415692800047, [handle:20.500.12259/91207](https://hdl.handle.net/20.500.12259/91207). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/91207/2/ISSN2045-2322_2017_V_7.PG_1-13_15875.pdf [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus, DOAJ]
80. Rupšys, Petras; Petrauskas, Edmundas. Evolution of the bivariate tree diameter and height distributions via the stand age: von Bertalanffy bivariate diffusion process approach // *Journal of Forest Research*. Oxon : Taylor & Francis Ltd, 2019, vol. 24, iss. 1. ISSN 1341-6979, [doi:10.1080/13416979.2018.1544433](https://doi.org/10.1080/13416979.2018.1544433), WOS:000456819300002, [handle:20.500.12259/61518](https://hdl.handle.net/20.500.12259/61518). Internet access: <https://www.tandfonline.com/doi/full/10.1080/13416979.2018.1544433> [S1] [Science Citation Index Expanded (Web of Science), Zoological Record, Scopus]
81. Savickas, Dainius; Steponavičius, Dainius; Kliopova, Irina; Saldukaitė, Lina. Combine harvester fuel consumption and air pollution reduction // *Water Air and Soil Pollution*. Cham : Springer international publishing AG, 2020, Vol. 231, iss. 3. ISSN 0049-6979, [doi:10.1007/s11270-020-4466-5](https://doi.org/10.1007/s11270-020-4466-5), WOS:000517162400002, [handle:20.500.12259/103556](https://hdl.handle.net/20.500.12259/103556). Internet access: <https://link.springer.com/article/10.1007%2Fs11270-020-4466-5> [S1] [Science Citation Index Expanded (Web of Science), SpringerLink, Scopus]
82. Slepėtienė A., Staugaitis Z., Tilvikienė V., Slepėtys J., Kadziulienė Z. 2017. The effect of mineral fertilizers and biogas digestate used for cocksfoot fertilization on the soil nitrogen changes. *Fresenius Environmental Bulletin*, 26 (4): 2604–2608.

83. Smith, Graham; Cirach, Marta; Swart, Wim; Dèdelè, Audrius; Gidlow, Christopher; Kempen, Elise van; Kruize, Hanneke; Gražulevičienė, Regina; Nieuwenhuijsen, Mark J. Characterisation of the natural environment: quantitative indicators across Europe // International journal of health geographics. London : BioMed central Ltd., 2017, Vol. 16, iss. 1. ISSN 1476-072X, [doi:10.1186/s12942-017-0090-z](https://doi.org/10.1186/s12942-017-0090-z), WOS:000400711700001, [handle:20.500.12259/58529](https://www.biorxiv.org/content/10.1101/12259/58529). Internet access: <https://ij-healthgeographics.biomedcentral.com/articles/10.1186/s12942-017-0090-z> [S1] [Science Citation Index Expanded (Web of Science), CAB Abstracts, MEDLINE, Academic Search Complete (EBSCO), Scopus]
84. Steponavičius, Dainius; Kemzūraitė, Aurelija; Bauša, Laimis; Zaleckas, Ernestas. Evaluation of the Effectiveness of Pod Sealants in Increasing Pod Shattering Resistance in Oilseed Rape (*Brassica napus* L.) // Energies. Basel : MDPI AG, 2019, vol. 12, iss. 12. ISSN 1996-1073, [doi:10.3390/en12122256](https://doi.org/10.3390/en12122256), WOS:000473821400029, [handle:20.500.12259/99067](https://www.vdu.lt/cris/bitstream/20.500.12259/99067/2/ISSN1996-1073_V_12.N_12.AN_2256.pdf). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/99067/2/ISSN1996-1073_V_12.N_12.AN_2256.pdf [S1] [Science Citation Index Expanded (Web of Science), Scopus]
85. Steponavičius, Dainius; Kemzūraitė, Aurelija; Kiniulis, Valdas; Zokaitis, Karolis. Analysis of corn ears movement within the threshing crescent using high-speed recording method // Journal of measurements in engineering. Kaunas : Vibroengineering, 2017, Vol. 5, iss. 4. ISSN 2335-2124, doi:10.21595/jme.2017.19457, WOS:000419069900004, [handle:20.500.12259/91356](https://www.vibronet.org/jme/2017/04/19457). Internet access: <http://www.jvejournals.com/Vibro/article/JME-19457.pdf> [S1] [Emerging Sources Citation Index (Web of Science), DOAJ, Academic OneFile (Gale)]
86. Steponavičius, Dainius; Pužauskas, Edvinas; Špokas, Liudvikas; Jotautienė, Eglė; Kemzūraitė, Aurelija; Petkevičius, Sigitas. Concave Design for High-Moisture Corn Ear Threshing // Mechanika / Kauno technologijos universitetas, Lietuvos mokslų akademija, Vilniaus Gedimino technikos universitetas. Kaunas : Technologija, 2018, vol. 24, no. 1. ISSN 1392-1207, [doi:10.5755/j01.mech.24.1.18345](https://doi.org/10.5755/j01.mech.24.1.18345), WOS:000427611000013, [handle:20.500.12259/91550](https://www.vdu.lt/cris/bitstream/20.500.12259/91550/2/ISSN2029-6983_2018_V_24_N_1.PG_80-91.pdf). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/91550/2/ISSN2029-6983_2018_V_24_N_1.PG_80-91.pdf [S1] [Science Citation Index Expanded (Web of Science), INSPEC, Compendex, Academic Search Complete (EBSCO), FLUIDEX, Scopus]
87. Streikus, Dionizas; Jasinskas, Algirdas; Šarauskis, Egidijus; Romaneckas, Kęstutis; Marks, Marek. Technological-technical and environmental evaluation of herbaceous plant usage for the production and burning of granulated biofuel // Polish journal of environmental studies. Olsztyn : HARD, 2019, vol. 28, no. 6. ISSN 1230-1485, [doi:10.15244/pjoes/99106](https://doi.org/10.15244/pjoes/99106), WOS:000489645100031, [handle:20.500.12259/99793](https://www.vibronet.org/pjoes/2019/06/99106) [S1] [Science Citation Index Expanded (Web of Science), Current Contents / Agriculture, Biology & Environmental Sciences, Scopus, CAB Abstracts]
88. Sujetovienė, Gintarė; Velička, Rimantas; Kanapickas, Arvydas; Kriaučiūnienė, Zita; Romanovskaja, Danuta; Bakšienė, Eugenija; Vagusevičienė, Ilona; Klepeckas, Martynas; Juknys, Romualdas. Climate-change-related long-term historical and projected changes to spring barley phenological development in Lithuania // Journal of agricultural science. New York : Cambridge univ press, 2018, vol. 156, iss. 9. ISSN 0021-8596, [doi:10.1017/S0021859618000904](https://doi.org/10.1017/S0021859618000904), WOS:000462867900001, [handle:20.500.12259/61962](https://www.vibronet.org/jas/2018/09/18596) [S1] [Science Citation Index Expanded (Web of Science), Scopus]
89. Šarauskis, Egidijus; Romaneckas, Kęstutis; Jasinskas, Algirdas; Kimbirauskienė, Rasa; Naujokienė, Vilma. Improving energy efficiency and environmental mitigation through tillage management in faba bean production // Energy. Oxford : Pergamon-Elsevier Science Ltd, 2020, vol. 209. ISSN 0360-5442, [doi:10.1016/j.energy.2020.118453](https://doi.org/10.1016/j.energy.2020.118453), WOS:000571208100002, [handle:20.500.12259/109380](https://www.vibronet.org/energy/2020/118453) [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Academic Search Complete (EBSCO), Scopus]
90. Šarauskis, Egidijus; Vaitauskienė, Kristina; Romaneckas, Kęstutis; Jasinskas, Algirdas; Butkus, Vidmantas; Kriaučiūnienė, Zita. Fuel consumption and CO2 emission analysis in different strip tillage scenarios // Energy. Oxford : Pergamon-Elsevier Science Ltd, Vol. 118, part 1 (2017). ISSN 0360-5442, [doi:10.1016/j.energy.2016.10.121](https://doi.org/10.1016/j.energy.2016.10.121), WOS:000395048900083, [handle:20.500.12259/90357](https://www.vibronet.org/energy/2016/10/121). Internet access: <http://www.sciencedirect.com/science/article/pii/S0360544216315675> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Academic Search Complete (EBSCO), Scopus]
91. Šiaudinis, Gintaras; Jasinskas, Algirdas; Karčauskienė, Danutė; Šarauskis, Egidijus; Lekavičienė, Kristina; Repšienė, Regina. The dependence of cocksfoot productivity of liming and nitrogen application and the assessment of qualitative parameters and environmental impact using biomass for biofuels // Sustainability.

Basel : MDPI AG, 2020, vol. 12, iss. 19. ISSN 2071-

1050, [doi:10.3390/su12198208](https://doi.org/10.3390/su12198208), [handle:20.500.12259/110504](https://www.mdpi.com/handle/20.500.12259/110504) [S1] [Social Sciences Citation Index (Web of Science), Food Science Source (EBSCO), Scopus, Science Citation Index Expanded (Web of Science), Current Contents (Agriculture, Biology & Environmental Sciences), Current Contents (Social And Behavioral Sciences)]

92. Šiaudinis, Gintaras; Jasinskas, Algirdas; Karčiauskienė, Danutė; Repšienė, Regina. The effect of liming and nitrogen application on common osier and black poplar biomass productivity and determination of biofuel quality indicators // Renewable energy. Oxford : Elsevier Ltd., 2020, vol. 152. ISSN 0960-1481, [doi:10.1016/j.renene.2020.01.139](https://doi.org/10.1016/j.renene.2020.01.139), WOS:000536949600084, [handle:20.500.12259/103213](https://www.mdpi.com/handle/20.500.12259/103213). Internet access: <https://www.sciencedirect.com/science/article/pii/S0960148120301610?via%3Dihub> [S1] [Science Citation Index Expanded (Web of Science), Scopus, ScienceDirect]
93. Šilinis, Linas; Punys, Petras; Radzevičius, Algirdas; Kasiulis, Egidijus; Dumbrauskas, Antanas; Jurevičius, Linas. An assessment of hydropowering metrics of a large-sized hydropower plant operating in a lowland river, Lithuania // Water. Basel : MDPI, 2020, vol. 12, iss. 5. ISSN 2073-4441, [doi:10.3390/w12051404](https://doi.org/10.3390/w12051404), WOS:000555915200183, [handle:20.500.12259/105480](https://www.mdpi.com/handle/20.500.12259/105480). Internet access: <https://www.mdpi.com/2073-4441/12/5/1404> [S1] [Science Citation Index Expanded (Web of Science), Current Contents (Agriculture, Biology & Environmental Sciences), Scopus]
94. Špokas, Liudas; Steponavičius, Dainius; Žebrauskas, Gediminas; Čiplienė, Aušra; Bauša, Laimis. Reduction in adverse environmental impacts associated with the operation of combine harvesters during the harvesting of winter oilseed rape // Journal of environmental engineering and landscape management. Vilnius : Vilnius Gediminas Technical University, 2019, vol. 27, no. 2. ISSN 1648-6897, [doi:10.3846/jeelm.2019.9797](https://doi.org/10.3846/jeelm.2019.9797), WOS:000473541700002, [handle:20.500.12259/62273](https://www.mdpi.com/handle/20.500.12259/62273). Internet access: <https://journals.vgtu.lt/index.php/JEELM/article/view/9797> [S1] [Science Citation Index Expanded (Web of Science), Compendex, ICONDA, Scopus]
95. Špokas, Liudas; Steponavičius, Dainius; Žebrauskas, Gediminas; Čiplienė, Aušra; Bauša, Laimis. Reduction in adverse environmental impacts associated with the operation of combine harvesters during the harvesting of winter oilseed rape // Journal of environmental engineering and landscape management. Vilnius : Vilnius Gediminas Technical University, 2019, vol. 27, no. 2. ISSN 1648-6897, [doi:10.3846/jeelm.2019.9797](https://doi.org/10.3846/jeelm.2019.9797), WOS:000473541700002, [handle:20.500.12259/62273](https://www.mdpi.com/handle/20.500.12259/62273). Internet access: <https://journals.vgtu.lt/index.php/JEELM/article/view/9797> [S1] [Science Citation Index Expanded (Web of Science), Compendex, ICONDA, Scopus]
96. Tamayo-Uria, Ibon; Maitre, Léa; Thomsen, Cathrine; Nieuwenhuijsen, Mark; Chatzi, Leda; Siroux, Valérie; Aasvang, Gunn Marit; Agier, Lydiane; Andrušaitytė, Sandra; Casas, Maribel; Castro, Montserrat de; Dédélé, Audrius; Haug, Line Småstuen; Heude, Barbara; Gražulevičienė, Regina; Gützkow, Kristine Bjerve; Krog, Norun Hjertager; Mason, Dan; McEachan, Rosemary R. C; Meltzer, Helle Margrete; Petravičienė, Inga; Robinson, Oliver; Roumeliotaki, Theano; Sakhi, Amrit K; Urquiza, Jose; Vafeiadi, Marina; Waiblinger, Dagmar; Warembourg, Charline; Wright, John; Slama, Rémy; Vrijheid, Martine; Basagaña, Xavier. The early-life exposome: description and patterns in six European countries // Environment international. Amsterdam : Elsevier B.V., 2019, vol. 123. ISSN 0160-4120, [doi:10.1016/j.envint.2018.11.067](https://doi.org/10.1016/j.envint.2018.11.067), WOS:000455532500023, [handle:20.500.12259/59987](https://www.mdpi.com/handle/20.500.12259/59987). Internet access: https://www.vdu.lt/cris/bitstream/20.500.12259/59987/2/ISSN0160-4120_2019_V_123.PG_189-200.pdf [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect]
97. Tamošiūnas, Abdonas; Lukšienė, Dalia; Radišauskas, Ričardas; Brazienė, Agnė; Andrušaitytė, Sandra; Dédélé, Audrius; Vencloviienė, Jonė. The association between living environment and the risk of arterial hypertension and other components of metabolic syndrome // Journal of public health. Oxford: Oxford university press, 2020, Vol. 42, iss. 2. ISSN 1741-3842, [doi:10.1093/pubmed/fdz046](https://doi.org/10.1093/pubmed/fdz046), WOS:000544172500006, [handle:20.500.12259/99915](https://www.mdpi.com/handle/20.500.12259/99915). Internet access: <https://academic.oup.com/jpubhealth/advance-article-pdf/doi/10.1093/pubmed/fdz046/28673151/fdz046.pdf> [S1] [Science Citation Index Expanded (Web of Science), Social Sciences Citation Index (Web of Science)]
98. Tamošiūnas, Abdonas; Lukšienė, Dalia; Radišauskas, Ričardas; Brazienė, Agnė; Vencloviienė, Jonė; Dédélé, Audrius. The Influence of proximity to city parks and major roads on the development of arterial hypertension // Scandinavian journal of public health. London : Sage Publications, 2018, vol. 46, no. 6. ISSN 1403-4948, [doi:10.1177/1403494817751756](https://doi.org/10.1177/1403494817751756), WOS:000441724500010, [handle:20.500.12259/59248](https://www.mdpi.com/handle/20.500.12259/59248). Internet

access: <<https://www.ncbi.nlm.nih.gov/pubmed/29313461>> [S1] [Science Citation Index Expanded (Web of Science), MEDLINE, Scopus]

99. Tilvikienė, Vita; Kadžiulienė, Žydrė; Liaudanskienė, Inga; Zvicevičius, Egidijus; Černiauskienė, Živilė; Čiplienė, Aušra; Raila, Algirdas; Baltrušaitis, Jonas. The quality and energy potential of introduced energy crops in northern part of temperate climate zone // Renewable energy. Oxford : Elsevier Ltd., 2020, vol. 151. ISSN 0960-1481, [doi:10.1016/j.renene.2019.11.080](https://doi.org/10.1016/j.renene.2019.11.080), WOS:000521120700076, [handle:20.500.12259/104580](https://www.sciencedirect.com/science/article/pii/S0960148119304580) [S1] [Science Citation Index Expanded (Web of Science), Scopus, ScienceDirect]
100. Tilvikienė V., Šlepetienė A., Kadžiulienė Ž. 2018. Effects of 5 years of digestate application on biomass production and quality of cocksfoot (*Dactylis glomerata* L.). Grass Forage Science, 73 (1): 206–217.
101. Tilvikienė V., Venslauskas K., Povilaitis V., Navickas K., Zuperka V., Kadžiulienė Z. 2020. The effect of digestate and mineral fertilisation of cocksfoot grass on greenhouse gas emissions in a cocksfoot-based biogas production system. Energy, Sustainability and Society, 10: 13.
102. Triguero-Mas, Margarita; Donaire-Gonzalez, David; Seto, Edmund; Valentín, Antònia; Smith, Graham; Martinez, David; Carrasco-Turigas, Gloria; Masterson, Daniel; Bergh, Magdalena van den; Ambròs, Albert; Martínez-Íñiguez, Tania; Dèdelè, Audrius; Hurst, Gemma; Ellis, Naomi; Gražulevičius, Tomas; Voorsmit, Martin; Cirach, Marta; Cirac-Claveras, Judith; Swart, Wim; Clasquin, Eddy; Maas, Jolanda; Wendel-Vos, Wanda; Jerrett, Michael; Gražulevičienė, Regina; Kruize, Hanneke; Gidlow, Christopher J; Nieuwenhuijsen, Mark J. Living close to natural outdoor environments in four European cities: adults' contact with the environments and physical activity // International journal of environmental research and public health. Basel, Switzerland : Molecular diversity preservation international (MDPI), 2017, vol. 14, iss. 10. ISSN 1660-4601, [doi:10.3390/ijerph14101162](https://doi.org/10.3390/ijerph14101162), WOS:000414763200071, [handle:20.500.12259/36048](https://www.mdpi.com/1660-4601/14/10/1162/pdf). Internet access: <<http://www.mdpi.com/1660-4601/14/10/1162/pdf>> [S1] [Science Citation Index Expanded (Web of Science), IndexCopernicus, PubMed, Chemical Abstracts, Scopus]
103. Triguero-Mas, Margarita; Donaire-Gonzalez, David; Seto, Edmund; Valentín, Antònia; Martinez, David; Smith, Graham; Hurst, Gemma; Carrasco-Turigas, Gloria; Masterson, Daniel; Bergh, Magdalena van den; Ambròs, Albert; Martínez-Íñiguez, Tania; Dèdelè, Audrius; Ellis, Naomi; Gražulevičius, Tomas; Voorsmit, Martin; Cirach, Marta; Cirac-Claveras, Judith; Swart, Wim; Clasquin, Eddy; Ruijsbroek, Annemarie; Maas, Jolanda; Jerrett, Michael; Gražulevičienė, Regina; Kruize, Hanneke; Gidlow, Christopher J; Nieuwenhuijsen, Mark. Natural outdoor environments and mental health: stress as a possible mechanism // Environmental research. Oxford : Elsevier Ltd, 2017, Vol. 159. ISSN 0013-9351, [doi:10.1016/j.envres.2017.08.048](https://doi.org/10.1016/j.envres.2017.08.048), WOS:000413280500071, [handle:20.500.12259/57100](https://www.sciencedirect.com/science/article/pii/S0013935117305710). Internet access: <<http://dx.doi.org/10.1016/j.envres.2017.08.048>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]
104. Tučkutė, Simona; Pranevičius, Liudas; Pranevičius, Liudvikas; Urbonavičius, Marius. On the oxygen transport mechanism in titanium thin films under irradiation by molecular water ions // Materials science = Medžiagotyra. Kaunas : KTU, Vol. 19, no. 1, 2013. ISSN 1392-1320, [doi:10.5755/j01.ms.19.1.3822](https://doi.org/10.5755/j01.ms.19.1.3822), WOS:000316935500007, [handle:20.500.12259/54440](https://www.sciencedirect.com/science/article/pii/S0013935113000007) [S1] [Science Citation Index Expanded (Web of Science), INSPEC, Scopus]
105. Urbonas, Rolandas; Aleksiejuk-Gawron, Joanna; Milčiuvienė, Saulė; Kiršienė, Julija; Doheijo, Enrique; Garzon, Diego; Milčius, Darius. Net-metering compared to battery-based electricity storage in a single-case PV application study considering the Lithuanian context // Energies. Basel : MDPI AG, 2020, vol. 13, iss. 9. ISSN 1996-1073, [doi:10.3390/en13092286](https://doi.org/10.3390/en13092286), WOS:000535739300164, [handle:20.500.12259/105436](https://www.sciencedirect.com/science/article/pii/S1996107320201309PG1-17). Internet access: <https://www.vdu.lt/cris/bitstream/20.500.12259/105436/2/ISSN1996-1073_2020_V_13_9.PG_1-17.pdf> [S1] [Science Citation Index Expanded (Web of Science), Scopus, Current Contents (Engineering, Computing & Technology)]
106. Vaitauskienė, Kristina; Šarauskis, Egidijus; Romaneckas, Kęstutis; Jasinskas, Algirdas. Design, development and field evaluation of row-cleaners for strip tillage in conservation farming // Soil and Tillage Research. Amsterdam : Elsevier, Vol. 174 (2017). ISSN 0167-1987, [doi:10.1016/j.still.2017.07.006](https://doi.org/10.1016/j.still.2017.07.006), WOS:000412265800015, [handle:20.500.12259/90896](https://www.sciencedirect.com/science/article/pii/S0167198717301332). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0167198717301332?via%3Dihub>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, CAB Abstracts]

107. Warembourg, Charline; Maitre, Léa; Tamayo-Uria, Ibon; Fossati, Serena; Roumeliotaki, Theano; Aasvang, Gunn Marit; Andrušaitytė, Sandra; Casas, Maribel; Cequier, Enrique; Chatzi, Leda; Dèdelè, Audrius; Gonzalez, Juan R; Gražulevičienė, Regina; Haug, Line Småstuen; Hernandez-Ferrer, Carles; Heude, Barbara; Karachaliou, Marianna; Krog, Norun Hjertager; McEachan, Rosemary R. C; Nieuwenhuijsen, Mark; Petravičienė, Inga; Quentin, Joane; Robinson, Oliver; Sakhi, Amrit K; Slama, Rémy; Thomsen, Cathrine; Urquiza, Jose; Vafeiadi, Marina; West, Jane; Wright, John; Vrijheid, Martine; Basagaña, Xavier. Early-life environmental exposures and blood pressure in children // *Journal of the American College of Cardiology*. New York: Elsevier Science, 2019, Vol. 74, iss. 10. ISSN 0735-1097, [doi:10.1016/j.jacc.2019.06.069](https://doi.org/10.1016/j.jacc.2019.06.069), WOS:000483711500008, [handle:20.500.12259/103119](https://hdl.handle.net/20.500.12259/103119) [S1] [Science Citation Index Expanded (Web of Science), Scopus, ScienceDirect, Academic Search Premier (EBSCO)]
108. Zvicevičius, Egidijus; Raila, Algirdas; Čiplienė, Aušra; Černiauskienė, Živilė; Kadžiulienė, Žydrė; Tilvikienė, Vita. Effects of moisture and pressure on densification process of raw material from *Artemisia dubia* Wall // *Renewable energy*. Oxford : Elsevier Ltd., Vol. 119 (2018). ISSN 0960-1481, [doi:doi.org/10.1016/j.renene.2017.12.016](https://doi.org/10.1016/j.renene.2017.12.016), WOS:000423649700018, [handle:20.500.12259/91445](https://hdl.handle.net/20.500.12259/91445). Internet access: <<https://www.sciencedirect.com/science/article/pii/S0960148117312120>> [S1] [Science Citation Index Expanded (Web of Science), ScienceDirect, Scopus]