

TF MEHĀNIKAS INSTITŪTA PUBLIKĀCIJAS 2013. gadā

1. Publikācijas

1.1. Zinātniskie raksti, kas publicēti starptautiskos, recenzētos zinātniskos izdevumos, kas iekļauti *Web of Science* vai Scopus zinātniskās literatūras datu bāzēs

- **Adamovics A., Kakitis A.** (2013) Productivity and tensile endurance determination of hemp fiber, *Chemical Engineering Transactions*, 35, 805-810 DOI:10.3303/CET1335134
- **Ancans D., Kakitis A., Nulle I.** (2013) Parameters of stalk biomass cutter *In: Engineering for rural development: Proceedings of the 12th International Scientific Conference*, Latvia University of Agriculture, Faculty of Engineering Jelgava: LUA, p. 516 – 520. ISSN 1691-5976
- **Berzins R., Kakitis A., Berzins U., Cukurs J.** (2013) Hemp fiber and shive coefficient of friction *In: Engineering for rural development: Proceedings of the 12th International Scientific Conference*, Latvia University of Agriculture, Faculty of Engineering Jelgava: LUA, p. 526 - 530. ISSN 1691-5976
- **Kronbergs A., Kronbergs E., Repsa E.** (2013) Evaluation of reed canary grass shredding and compacting properties. *In: Agronomy Research*, Volume 11, Number 1, Estonian Agricultural University, pp. 61 – 66. ISSN1406-894X
- **Kronbergs A., Kronbergs E., Repsa E., Smits M.** (2013) Bale Shredder Efficiency Dependence on Settings. *In: Engineering for rural development: Proceeding of the 12th International Scientific Conference*, Latvia University of Agriculture, Faculty of Engineering Jelgava: LUA, pp. 477-481. ISSN 1691-5976.
- **Laceklis – Bertmanis J., Kronbergs E.** Mathematical model of tractor aggregate. *In Proc. of 12th International Scientific Conference „ENGINEERING FOR RURAL DEVELOPMENT”*, Jelgava, Latvia, 23-24 May, 2013, pp. 43 – 48, ISSN 1691 - 3043
- **Laceklis – Bertmanis J., Kronbergs E.** Model of hydropneumatic three point hitch. *In Proc. of 12th International Scientific Conference „ENGINEERING FOR RURAL DEVELOPMENT”*, Jelgava, Latvia, 23-24 May, 2013, pp. 49 – 54, ISSN 1691 - 3043
- **Ozollapins M., Kakitis A., Nulle I.** (2013) STALK BIOMASS DRYING RATE EVALUATION *In: Engineering for rural development: Proceedings of the 12th International Scientific Conference*, Latvia University of Agriculture, Faculty of Engineering Jelgava: LUA, p. 482 - 487. ISSN 1691-5976

1.2. Publikāciju bibliogrāfija anonīmi recenzētos starptautiskos zinātniskos izdevumos, t.sk. *proceedings* ;

- **Dobelis M., Branoff T., Nulle I.** (2013) QUANTITATIVE ASSESSMENT OF THE STUDENTS' ENGINEERING GRAPHICS LITERACY VIA MODELING OBJECTS FROM ASSEMBLY DRAWING INFORMATION. *In: BALTGRAF 2013.: Proceeding of the 12th International Conference on Engineering Graphics*, Riga: RTU, pp. 69-80.
- **Kakitis A., Nulle I., Ancans D.** (2013) Belt feeder for biomass Mixing. *In: Environment. Technology. Resources.: Proceedings of 9th International Scientific and Practical Conference*, Rezekne: RHEI, p. 122 – 126.
- **Repsa E., Kronbergs E.** (2013) Evaluation of Hydraulic Briquetter Mechanism. *In: Trends in Agricultural Engineering 2013: Proceedings of the 5th International Conference TAE 2013*, Czech University of Life Sciences, September 3 - 6, 2013, Prague, Czech Republic, pp. 547 – 551. ISBN: 978-80-213-2388-9

- **Repsa E., Kronbergs E., Kronbergs A.** (2013) Evaluation of Biomass Briquetting Mechanism. In: Environment. Technology. Resources: Proceedings of the 9th International Scientific and Practical Conference, June 20-22, 2013. Rezekne, pp. 186 – 189. ISSN 1691-5402
- **Vronskis O.** (23. – 24. maijs, 2013) Descriptive geometry competence in rural engineering science // 12th International Conference, Engineering for rural development – Latvija, Jelgava, ISSN 1691-5976: p.663-666. EBSCO
- **Vronsky.O** (5. – 7. jūnijs 2013) Graphical Competence in Engineering Sciences – Latvija, Rīga, ISBN 978-9934-507-30-4: p. 257-263.
- **Вронский O.** (25. – 30. marts, 2013) Организация самостоятельной работы на занятиях черчения // 4 Международная конференция, Информационные технологии для новой школы – Krievija Sanktpēterburga, ISBN 978-5-91454-065-1: 19-21 lpp.
- **Вронский O.** (4.-8. Septembris, 2013) Организация самостоятельной работы на занятиях по начертательной геометрии // 4th International Conference, Education, Research & Development, Bulgaria, Sunny Beach, ISSN 1313-2571: p. 59-67.

1.3. Izdoto zinātnisko monogrāfiju saraksts un autorloksnes vērtēšanas periodā;

- Atjaunojamā enerģija un tās efektīva izmantošana Latvijā. Monogrāfija. Galvenais redaktors Rivža P. Latvijas Lauksaimniecības universitāte, 2012, SIA Jelgavas Tipogrāfija, 392 lpp.

1.4. Citas zinātniskās publikācijas;

1.5. Starptautisko konferenču materiāli (Abstract)

- **O. Vronskis, N. Vronska** (8. – 12. maijs, 2013) Determination of the graphical competence level in descriptive geometry study course // Abstracts of 8th International Conference, Person. Color. Nature. Music. – Latvija, Daugavpils, ISBN 978-9934-8393-0-6: 46-47 lpp.

2. Reģistrēto un spēkā uzturēto patentu saraksts

- **Bērziņš U., Kaķītis A., Bērziņš R.** Latvijas patents Nr. 14658 B, Kl. B02C18/06, ŠĶIEDRU MATERIĀLU SMALCINĀTĀJA ASMENS. Patenti un preču zīmes – 20.04.2013. g. 431. lpp.
- **Kaķītis A., Bērziņš U., Bērziņš R.** Latvijas patents Nr. 14652 B Kl. G01L1/22, GRIEZES MOMENTA MĒRĪŠANAS IERĪCE. Patenti un preču zīmes – 20.03.2013. g. 311. lpp.
- **Kronbergs A., Kronbergs Ē., Repša E.** Padeves veltņu hidrauliskā piedziņa. Latvijas patents LV 14642 B. Latvijas Republikas Patentu valdes oficiālais vēstnesis „Patenti un preču zīmes” 3/2013, 310 lpp.
- **Laceklis – Bertmanis J., Kronbergs Ē.** Hidropneimatiskā uzkares sistēma. Latvijas patents LV 14632 B. Latvijas Republikas Patentu valdes oficiālais vēstnesis „Patenti un preču zīmes” 2/2013, 175 lpp.