

Zoznam publikačnej činnosti

Pracovisko: M5 - M5
Roky vykazovania: 2015~2015

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 MARTINKA, Jozef [60 %] - RANTUCH, Peter [20 %] - BALOG, Karol [20 %]. Assessment of the impact of spruce wood particle size and water content on the ignition temperature of dust clouds. In *Cellulose Chemistry And Technology [elektronický zdroj]*. Vol. 49, iss. 5-6 (2015), online, s. 549-558. ISSN 0576-9787. V databáze: WOS ; CC.

ADE Vedecké práce v ostatných zahraničných časopisoch

ADE01 GERULOVÁ, Kristína [60 %] - ŠKULAVÍK, Tomáš [35 %] - ŠTEFKO, Tomáš [5 %]. Preliminary study of ten randomly selected metalworking fluids biodegradability. In *International Journal of Engineering Innovation & Research [elektronický zdroj]*. Vol. 4, iss. 6 (2015), online, s. 872-876. ISSN 2277-5668.

ADE02 GERULOVÁ, Kristína [60 %] - ŠKULAVÍK, Tomáš [35 %] - ŠTEFKO, Tomáš [5 %]. Indirect measurement of the biodegradability by the utilization of conductometric probes and self developed interface. In *International Journal of Engineering Innovation & Research [elektronický zdroj]*. Vol. 4, iss. 6 (2015), online, s. 867-871. ISSN 2277-5668.

ADE03 HRUŠOVSKÝ, Ivan [25 %] - MARTINKA, Jozef [25 %] - RANTUCH, Peter [25 %] - BALOG, Karol [25 %]. Investigation of spontaneous combustion tendency of vegetable oils by the means of differential thermal analysis. In *Sborník vědeckých prací Vysoké školy báňské - Technické univerzity Ostrava: Řada bezpečnostní inženýrství*. Vol. 10, no. 2 (2015), s. 8-12. ISSN 1801-1764 (P).

ADE04 LESTYÁNSZKA ŠKŮRKOVÁ, Katarína [100 %]. The stapling of material layers process capability study by the production of the product "MULTIAXIAL". In *Production Engineering Archives*. Vol. 6, No. 1 (2015), s. 10-13. ISSN 2353-5156.

ADE05 LESTYÁNSZKA ŠKŮRKOVÁ, Katarína [50 %] - ULEWICZ, Robert [50 %]. Process capability study by production of hydraulic components. In *Technology, computer science, safety engineering*. Tom. II, (2014), s. 155-164. ISSN 2300-5343.

ADE06 POLIAKOVÁ, Adela [100 %]. Riadenie kvality špecifického produktu v dodávateľskom reťazci. In *Perner's contacts*. Roč. 10, č. 1 (2015), online, s.151-157. ISSN 1801-674X.

ADE07 RANTUCH, Peter [45 %] - SZABOVÁ, Zuzana [45 %] - KŇAŽKOVÁ, Veronika [10 %]. The effect of fraction size on thermal stability of wood dust. In *International Journal of Engineering Innovation & Research [elektronický zdroj]*. Vol. 4, iss. 5 (2015), online, s.742-745. ISSN 2277-5668.

- ADE08 RUSKO, Miroslav [25 %] - MIKULOVÁ, Monika [25 %] - DRAXLEROVÁ, Mária [25 %] - ILKO, Ján [25 %]. Product labeling as a significant element influencing consumer behavior in the selection and product use in Slovakia. In *International Journal of Science, Commerce and Humanities*. Vol.3, no. 6 (2015), s. 25-34. ISSN 2052-6164.
- ADE09 SOLDÁN, Maroš [70 %] - FIALA, Jozef [30 %]. Hexavalent chromium adsorption using red mud as adsorbent. In *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*. Vol. 2, Iss. 9 (2015), s. 2644-2647. ISSN 3159-0040.
- ADE10 SOLDÁN, Maroš [70 %] - KOBETIČOVÁ, Hana [30 %]. The structure of hazardous industrial wastes. In *International Journal of Current Research [elektronický zdroj]*. Vol. 7, iss. 12 (2015), online, s. 24119-24122. ISSN 0975-833X.
- ADE11 ŠEVČIKOVÁ, Janka [20 %] - BARTOŠOVÁ, Alica [20 %] - BALOG, Karol [20 %] - SOLDÁN, Maroš [20 %] - DRIMAL, Marek [20 %]. Analysis of polycyclic aromatic hydrocarbons and aliphatic hydrocarbons in acid tar pond and their environmental and health risks. In *Transactions of Kremenchuk Mykhailo Ostrohradskyyi National University*. No. 1 (2015), online, s. 118-121. ISSN 1995-0519.
- ADE12 WACHTER, Igor [25 %] - BALOG, Karol [25 %] - KOBETIČOVÁ, Hana [25 %] - HÁZ, Aleš [25 %]. Experimental study of minimum ignition temperature of spent coffee grounds. In *Sborník vědeckých prací Vysoké školy báňské - Technické univerzity Ostrava: Řada bezpečnostní inženýrství*. Vol. 10, no. 2 (2015), s. 1-7. ISSN 1801-1764 (P).

ADF Vedecké práce v ostatných domácich časopisoch

- ADF01 BARTOŠOVÁ, Alica [34 %] - BLINOVÁ, Lenka [33 %] - GERULOVÁ, Kristína [33 %]. Characterisation of polysaccharides and lipids from selected green algae species by FTIR-ATR spectroscopy. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 97-102. ISSN 1336-1589. V databáze INSPEC.
- ADF02 BARTOŠOVÁ, Alica [34 %] - SIROTIK, Maroš [33 %] - FIALA, Jozef [33 %]. Comprehensive study of duckweed cultivation and growth conditions under controlled eutrophication. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 103-108. ISSN 1336-1589. V databáze INSPEC.
- ADF03 BLINOVÁ, Lenka [34 %] - BARTOŠOVÁ, Alica [33 %] - GERULOVÁ, Kristína [33 %]. Cultivation of microalgae (*Chlorella vulgaris*) for biodiesel production. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 87-96. ISSN 1336-1589. V databáze INSPEC.

- ADF04 ČEKAN, Pavol [20 %] - HARANGOZÓ, Jozef [20 %] - SZABOVÁ, Zuzana [20 %] - KURACINA, Richard [20 %] - BALOG, Karol [20 %]. Analysis of deviation in the measurement of vibrations. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 9-16. ISSN 1336-1589. v databáze INSPEC.
- ADF05 DRAXLEROVÁ, Mária [34 %] - RUSKO, Miroslav [33 %] - KURACINA, Marcel [33 %]. Labelling of textile products from the perspective of quality, maintenance, safety and environment. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 57-64. ISSN 1336-1589. V databáze INSPEC.
- ADF06 GERULOVÁ, Kristína [80 %] - TATARKA, Ondrej [5 %] - ŠTEFKO, Tomáš [5 %] - ŠKULAVÍK, Tomáš [10 %]. The study of metalworking fluids biodegradability by indirect measurement of bacterial inoculum respiration. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 65-76. ISSN 1336-1589. V databáze INSPEC.
- ADF07 GERULOVÁ, Kristína [80 %] - TATARKA, Ondrej [5 %] - ŠTEFKO, Tomáš [5 %] - ŠKULAVÍK, Tomáš [10 %]. The study into potential enhancement of metalworking fluids biodegradability by the application of O3/UV. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 77-86. ISSN 1336-1589. V databáze INSPEC.
- ADF08 HORVÁTH, Jozef [34 %] - WACHTER, Igor [33 %] - BALOG, Karol [33 %]. Combustion gases and heat release analysis during flame and flameless combustion of wood pellets. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 17-24. ISSN 1336-1589. V databáze INSPEC.
- ADF09 ILKO, Ján [50 %] - RUSKO, Miroslav [50 %]. Environmental marks for electronics and electronic devices in Austria. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 5 (2015), s. 21-26. ISSN 1339-5270.
- ADF10 KOBETIČOVÁ, Hana [25 %] - LIPOVSKÝ, Marek [25 %] - WACHTER, Igor [25 %] - SOLDÁN, Maroš [25 %]. 3,5 Dichlorophenol removal from wastewater using alternative adsorbents. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 25-32. ISSN 1336-1589.
- ADF11 KOBLEN, Ivan [50 %] - LESTYÁNSZKA ŠKÚRKOVÁ, Katarína [50 %]. Selected aspects of the risk in the supply chain in context of the supplier quality

management. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 167-178. ISSN 1336-1589. V databáze INSPEC.

- ADF12 KOŠÍK, Miroslav [25 %] - LIKAVČAN, Lukáš [25 %] - BÍLIK, Jozef [25 %] - ŠTEFKO, Tomáš [25 %]. Differences of numerical analysis results based on varied types of meshes. In *Technológ*. Roč. 7, č. 4 (2015), s. 18-23. ISSN 1337-8996.
- ADF13 KURACINA, Richard [34 %] - SZABOVÁ, Zuzana [33 %] - ČEKAN, Pavol [33 %]. Determination of the maximum explosion pressure and the maximum rate of pressure rise during explosion of wood dust clouds. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 49-56. ISSN 1336-1589. V databáze INSPEC.
- ADF14 LIPOVSKÝ, Marek [34 %] - SIROTIK, Maroš [33 %] - SOLDÁN, Maroš [33 %]. Removal of copper from aqueous solutions by using natural and Fe-modified clinoptilolite. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 33-40. ISSN 1336-1589. V databáze INSPEC.
- ADF15 PAULIKOVÁ, Alena [50 %] - ŠOFRANKOVÁ, Melinda [50 %]. Využívanie technológie bezpečného zachytávania a ukladania CO₂. In *Plynár - vodár - kúrenár + klimatizácia*. Roč. 13, č. 1 (2015), s. 10-12. ISSN 1335-9614.
- ADF16 POLIAKOVÁ, Adela [100 %]. CSI index of customer's satisfaction applied in the area of public transport. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 141-150. ISSN 1336-1589. V databáze INSPEC.
- ADF17 POLIAKOVÁ, Adela [100 %]. The FTA method and a possibility of its application in the area of road freight transport. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 151-158. ISSN 1336-1589. V databáze INSPEC.
- ADF18 POLIAKOVÁ, Adela [100 %]. Analysis of provided service quality in flowers and living plants transport. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 159-166. ISSN 1336-1589. V databáze INSPEC.
- ADF19 PROCHÁZKOVÁ, Dana [34 %] - PROCHÁZKA, Jan [33 %] - RUSKO, Miroslav [33 %]. Phenomena damaging the human system and the characteristics of their impacts. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 2, No. 4 (2014), s. 49-57. ISSN 1339-5270.

- ADF20 PROCHÁZKOVÁ, Dana [50 %] - RUSKO, Miroslav [50 %]. Environmental disasters' management and detection of priority problems for future research. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 5 (2015), s. 76-82. ISSN 1339-5270.
- ADF21 PROCHÁZKOVÁ, Dana [50 %] - RUSKO, Miroslav [50 %]. Sustainable development and risk management. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 6 (2015), s. 91-97. ISSN 1339-5270.
- ADF22 RANTUCH, Peter [25 %] - WACHTER, Igor [25 %] - MARTINKA, Jozef [25 %] - KURACINA, Marcel [25 %]. The activation energy of ignition calculation for materials based on plastics. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 109-116. ISSN 1336-1589. V databáze INSPEC.
- ADF23 RUSKO, Miroslav [34 %] - DADOVÁ, Jana [33 %] - FERENCZ, Vojtech [33 %]. Environmental and safety marking of products and production in the context of sustainable prosperity. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 2, No. 4 (2014), s. 72-80. ISSN 1339-5270.
- ADF24 RUSKO, Miroslav [100 %]. Ecolabelling as a significant compound of environmental product policies. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 2, No. 4 (2014), s. 37-42. ISSN 1339-5270.
- ADF25 RUSKO, Miroslav [100 %]. Voluntary tools of the environmental oriented product policy. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 117-124. ISSN 1336-1589. V databáze INSPEC.
- ADF26 RUSKO, Miroslav [100 %]. Environmental and quality management system in the context of sustainable development. In *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 125-132. ISSN 1336-1589. V databáze INSPEC.
- ADF27 RUSKO, Miroslav [50 %] - MIKULOVÁ, Monika [50 %]. Technológie z hľadiska akceptovania environmentálnych a bezpečnostných kritérií. In *Fyzikálne faktory prostredia*. Roč. 5, č. 3 (2015), s. 41-50. ISSN 1338-3922.
- ADF28 RUSKO, Miroslav [100 %]. Právny rámec a technické predpisy so zameraním na environmentálne a bezpečnostné označovanie. In *Fyzikálne faktory prostredia*. Roč. 5, č. 3 (2015), s. 34-40. ISSN 1338-3922.
- ADF29 RUSKO, Miroslav [100 %]. Medzinárodné aktivity v oblasti verifikácie technológií. In *Fyzikálne faktory prostredia*. Roč. 5, Mimoriadne číslo (2015), s. 119-125. ISSN 1338-3922.

- ADF30 RUSKO, Miroslav [50 %] - MIKULOVÁ, Monika [50 %]. Acceptance of environmental criteria in the development, production and operation of technologies. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 5 (2015), s. 99-107. ISSN 1339-5270.
- ADF31 RUSKO, Miroslav [34 %] - ILKO, Ján [33 %] - MIKULOVÁ, Monika [33 %]. Environmental labelling programs type I developed in range of gen. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 6 (2015), s. 115-118. ISSN 1339-5270.
- ADF32 SIROTIAK, Maroš [25 %] - LIPOVSKÝ, Marek [25 %] - BARTOŠOVÁ, Alica [25 %] - SOLDÁN, Maroš [25 %]. Removing of selected metals from modelled wastewater by sorption on natural clinoptilolite. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 2, No. 4 (2014), s. 68-71. ISSN 1339-5270.
- ADF33 SIROTIAK, Maroš [34 %] - LIPOVSKÝ, Marek [33 %] - BARTOŠOVÁ, Alica [33 %]. Sorption kinetics of selected heavy metals adsorption to natural and Fe(III) modified zeolite tuff containing clinoptilolite mineral. In *Vedecké práce MTF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 23, No. 36 (2015), s. 41-48. ISSN 1336-1589. V databáze INSPEC.
- ADF34 SIROTIAK, Maroš [50 %] - LIPOVSKÝ, Marek [50 %]. Sorption of commercial herbicide "FONDO" containing glyphosate by various carbon materials. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 5 (2015), s. 89-92. ISSN 1339-5270.
- ADF35 SOLDÁN, Maroš [40 %] - LIPOVSKÝ, Marek [30 %] - KLAČANSKÁ, Michaela [30 %]. Phenol degradation by oxidation processes. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 3, No. 6 (2015), s. 98-101. ISSN 1339-5270.
- ADF36 SZABO, Stanislav [34 %] - KOBLEN, Ivan [33 %] - VAJDOVÁ, Iveta [33 %]. Aviation technology life cycle stages. In *eXclusive e-Journal*. č. 3 (2015), online, [8 s.]. ISSN 1339-4509.

ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

- ADM01 POLIAK, Miloš [34 %] - SEMANOVÁ, Štefánia [33 %] - POLIAKOVÁ, Adela [33 %]. Risk allocation in transport public service contracts. In *Ekonomski pregled [elektronický zdroj]*. Vol. 66, no. 4 (2015), online, s. 384-403. ISSN 1848-9494 (online). 1/0320/14. V databáze: SCOPUS.

ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS

- ADN01 MARTINKA, Jozef [25 %] - MÓZER, Vladimír [25 %] - HRONCOVÁ, Emília [25 %] - LADOMERSKÝ, Juraj [25 %]. Influence of spruce wood form on ignition activation energy. In *Wood Research*. Vol. 60, no. 5 (2015), s. 815-822. ISSN 1336-4561. V databáze: WOS ; SCOPUS.

ADN02 RANTUCH, Peter [50 %] - KAČÍKOVÁ, Danica [15 %] - MARTINKA, Jozef [25 %] - BALOG, Karol [10 %]. Vplyv hustoty tepelného toku na termický rozklad OSB. In *Acta Facultatis Xylogologiae Zvolen [elektronický zdroj]*. Vol. 57, No. 2 (2015), online, s. 125-134. ISSN 1336-3824. V databáze: SCOPUS.

BDF Odborné práce v ostatných domácich časopisoch

BDF01 HRUŠOVSKÝ, Ivan [34 %] - KRIŠTOF, Miroslav [33 %] - BALOG, Karol [33 %]. Kritické teploty samozahrievania sypkých materiálov znečistených fermežou. In *Bezpečná práca*. Roč. 46, č. 5 (2015), s. 7-10. ISSN 0322-8347.

BDF02 POLIAKOVÁ, Adela [100 %]. Sedem základných nástrojov manažérstva kvality v doprave a logistike - bodový diagram. In *Logistický monitor [elektronický zdroj]*, január, (2015), online, [5]s. ISSN 1336-5851.

Štatistika: kategória publikačnej činnosti

ADC	Vedecké práce v zahraničných karentovaných časopisoch	1
ADE	Vedecké práce v ostatných zahraničných časopisoch	12
ADF	Vedecké práce v ostatných domácich časopisoch	36
ADM	Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS	1
ADN	Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS	2
BDF	Odborné práce v ostatných domácich časopisoch	2
Súčet		54