

Zoznam publikačnej činnosti

Pracovisko: M3 - M3
Rok vydania: 2014~2014

ADC Vedecké práce v zahraničných karentovaných časopisoch

- ADC01 CHAUS, Alexander [50 %] - PORUBSKÝ, Ján [50 %]. Effect of Heat Treatment on the Structure of Cast High-Speed Steel of Type R6M5 Modified with Tungsten Additives. In *Metal Science and Heat Treatment*. Vol. 55, Iss. 11-12 (2014), s. 583-591. ISSN 0026-0673. registrovaný: Web of Science, Master Journal List, Scopus. V databáze: WOS ; SCOPUS.
- ADC02 CHAUS, Alexander [25 %] - FEDOSENKO, Tatiana N. [25 %] - ROGACHEV, Alexander V. [25 %] - ČAPLOVIČ, Ľubomír [25 %]. Surface, microstructure and optical properties of copper-doped diamond-like carbon coating deposited in pulsed cathodic arc plasma. In *Diamond and Related Materials*. Vol. 42 (2014), s. 64-70. ISSN 0925-9635. registrovaný: Web of Science, Master Journal List, Scopus. V databáze: WOS ; SCOPUS.
- ADC03 CHAUS, Alexander [100 %]. Microstructural and properties evaluation of M2 high speed steel after inoculating addition of powder W and WC. In *Materials Science and Technology*. Vol. 30, Iss. 9 (2014), s. 1105-1115. ISSN 1743-284(E). registrovaný: Web of Science, Master Journal List, Scopus. V databáze: SCOPUS ; WOS.
- ADC04 CHAUS, Alexander [100 %]. Effect of room-temperature compression on microstructure of ductile cast iron subjected to hot plastic deformation. In *Physics of metals and metallography*. Vol. 115, iss. 7 (2014), s. 672-681. ISSN 0031-918X. Originál ruský text článku publikovaný v časopise Fizika Metallov i Metallovedenie, 2014, Vol. 115, No. 7, pp. 716-726, registrovaný: Web of Science, Master Journal List, Scopus. V databáze: SCOPUS ; WOS.
- ADC05 KOLEŇÁK, Roman [50 %] - PRACH, Michal [50 %]. Research of joining brittle nonmetallic materials with an active solder. In *Advances in Materials Science and Engineering*. Volume 2014 (2014), s. [9]. ISSN 1687-8434. V databáze: SCOPUS ; MLJ ; WOS.
- ADC06 NOVÁK, Igor [10 %] - POPELKA, Anton [10 %] - VALENTÍN, M [10 %] - CHODÁK, Ivan [10 %] - ŠPÍRKOVÁ, Milena [10 %] - TÓTH, András [10 %] - KLEINOVÁ, Anna [10 %] - SEDLIAČIK, Ján [10 %] - LEHOCKÝ, M. [10 %] - MARÔNEK, Milan [10 %]. Surface behavior of polyamide 6 modified by Barrier plasma in oxygen and nitrogen. In *International Journal of Polymer Analysis and Characterization [elektronický zdroj]*. Vol. 19, iss. 1 (2014), online, pp.[31-38]. ISSN 1023-666X(P). registrovaný: Web of Science, Master Journal List, Scopus. V databáze: SCOPUS ; WOS.

ADE Vedecké práce v ostatných zahraničných časopisoch

- ADE01 BÍLIK, Jozef [50 %] - BALÁŽOVÁ, Mariana [50 %]. Determination of Al-Mg-Si alloy deformation resistance curves. In *Hutnik- Wiadomości Hutnicze*. Roč. 81, Nr 8 (2014), s. 519-522. ISSN 1230-3534.
- ADE02 JAKUBOWSKI, Julian [50 %] - PETERKA, Jozef [50 %]. Design for manufacturability in virtual environment using knowledge engineering. In *Management and Production Engineering Review*. Vol. 5, no. 1 (2014), p. 3-10. ISSN 2080-8208.
- ADE03 KAPUSTOVÁ, Mária [100 %]. The research of forgeability and determination of optimal warm forging temperature using computer simulation. In *International Journal of Computer and Information Technology [elektronický zdroj]*. Vol. 3, iss. 4 (2014), online, 691-695 p. ISSN 2279-0764.
- ADE04 KAPUSTOVÁ, Mária [50 %] - BÍLIK, Jozef [50 %]. Výskum kovateľnosti ocele pri teplotách polooohrevu s podporou simulácie. In *Kovárenství*. Č. 51 (2014), s. 23-26. ISSN 1213-9289.
- ADE05 KURUC, Marcel [34 %] - NECPAL, Martin [33 %] - PETERKA, Jozef [33 %]. Machining of poly-crystalline cubic boron nitride by laser beam machining in terms of surface roughness. In *Journal of Production Engineering*. Vol. 17, no. 1 (2014), s. 101-104. ISSN 1821-4932.
- ADE06 LIKAVČAN, Lukáš [25 %] - KOŠÍK, Miroslav [25 %] - BÍLIK, Jozef [25 %] - MARTINKOVIČ, Maroš [25 %]. Determination of apparent viscosity as function of shear rate and fibres fraction in polypropylene. In *International Journal of Engineering and Innovative Technology (IJEIT) [elektronický zdroj]*. Vol. 4, Č. 5 (2014), s. 23-26, online. ISSN 2277-3754.
- ADE07 RIDZONĚ, Martin [50 %] - PARILÁK, Ľudovít [50 %]. Mechanical properties of precision steel tubes manufactured by three-pass cold drawing. In *Hutnické listy*. Roč. 67, č. 4 (2014), s. 58-61. ISSN 0018-8069.
- ADE08 SAMARDŽIOVÁ, Michaela [50 %] - ZAK, Krzysztof [50 %]. Evaluation of surface topography and bearing properties of hard turned surfaces using differently shaped PCBN tools. In *Advances in Manufacturing Science and Technology*. Vol. 38, No. 3 (2014), s. 45-53. V databáze: DOI: 10.2478/amst-2014-0017.
- ADE09 TITTEL, Viktor [34 %] - ZELENAY, Miroslav [33 %] - SOBOTA, Róbert [33 %]. Evaluation of drawing dies wear. In *Hutnik- Wiadomości Hutnicze*. Roč. 81, Nr 8 (2014), s. 600-603. ISSN 1230-3534.
- ADE10 ZIFČÁK, Peter [20 %] - JÁŇA, Miroslav [16 %] - KRAMÁR, Tomáš [16 %] - KURUC, Marcel [16 %] - SELIGA, Emil [16 %] - KOSTOLNÝ, Igor [16 %]. Investigation of joining ability of different welding technologies at joining Mg alloy. In *International Journal of Engineering and Innovative Technology (IJEIT) [elektronický zdroj]*. Vol. 4, iss. 1 (2014), online, [14-19] p. ISSN 2277-3754.

ADF Vedecké práce v ostatných domácich časopisoch

- ADF01 BAJČIČÁK, Martin [50 %] - ŠUBA, Roland [50 %]. Study of thermal stress influence on dimensional stability of silicone molds. 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. 22. No. 34 (2014), s. 15-20. ISSN 1336-1589.
- ADF02 BAJČIČÁK, Martin [50 %] - ŠUBA, Roland [50 %]. Thermal stress of surface of mold cavities and parting line of silicone molds. 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. 22. No. 34 (2014), s. 7-14. ISSN 1336-1589.
- ADF03 BÍLIK, Jozef [20 %] - NÁPLAVA, Antonín [20 %] - KUSÝ, Martin [20 %] - KOŠÍK, Miroslav [20 %] - LIKAVČAN, Lukáš [20 %]. Silver streaks on surface of injected thermoplastic parts. 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. 22. No. 34 (2014), s. 21-28. ISSN 1336-1589.
- ADF04 BURANSKÁ, Eva [50 %] - BURANSKÝ, Ivan [50 %]. Dynamic education as a modern education system of university. 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. 22. No. 34 (2014), s. 29-34. ISSN 1336-1589.
- ADF05 ERTEL, Jozef [34 %] - BÁRTA, Jozef [33 %] - MARÔNEK, Milan [33 %]. Analýza odchýlok tvarovej dráhy vytvorenej priemyselným robotom. In *Zvárač*. Roč. 11, č. 3 (2014), s. 11-14. ISSN 1336-5045.
- ADF06 ERTEL, Jozef [25 %] - BÁRTA, Jozef [25 %] - BÍLIK, Jozef [25 %] - MARÔNEK, Milan [25 %]. Mechanické vlastnosti zvarových spojov duplexných ocelí. In *Zvárač*. Roč. 11, č. 4 (2014), s. 14-17. ISSN 1336-5045.
- ADF07 GÖRÖG, Augustín [50 %] - GÖRÖGOVÁ, Ingrid [50 %]. Current concept of geometrical accuracy. 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. 22. No. 34 (2014), s. 43-50. ISSN 1336-1589.
- ADF08 ONDRUŠKA, Michal [25 %] - DOMÁNKOVÁ, Mária [25 %] - JÁŇA, Miroslav [25 %] - MARÔNEK, Milan [25 %]. Identification of precipitates in Cr-Mn-N based steel after thermal exposures. 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. 22. No. 34 (2014), s. 51-58. ISSN 1336-1589.
- ADF09 PODHORSKÝ, Štefan [100 %]. Environmental friendly replacement of standard electrochemical polishing. In *Journal of Environmental Protection, Safety, Education and Management*. Vol. 2, No. 4 (2014), s. 58-60. ISSN 1339-5270.

ADF10 PRACH, Michal [34 %] - KOSTOLNÝ, Igor [33 %] - KOLEŇÁK, Roman [33 %]. Research of interaction between Zn based solders and Cu, Al substrates. 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. 22. No. 34 (2014), s. 59-66. ISSN 1336-1589.

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

ADM01 BARÁNEK, Ivan [50 %] - BURANSKÝ, Ivan [50 %]. Teaching approaches to free-form surfaces design and manufacturing. In *Applied Mechanics and Materials : Novel Trends in Production Devices and Systems*. Vol. 474, (2014), s. 3-8. ISSN 1660-9336. registrovaný: Web of Science, Scopus. V databáze: SCOPUS ; WOS.

ADM02 BARÁNEK, Ivan [100 %]. Trends in cutting materials and tools for hard machining. In *Applied Mechanics and Materials : Novel Trends in Production Devices and Systems*. Vol. 474, (2014), s. 236-241. ISSN 1660-9336. registrovaný: Web of Science, Scopus. V databáze: SCOPUS ; WOS.

ADM03 BLAŠKO, Marián [25 %] - TITTEL, Viktor [25 %] - NÁPLAVA, Antonín [25 %] - ONDRUŠKA, Michal [25 %]. Injection molding and structural analysis in metal to plastic conversion of bolted flange joint by CAE. In *Acta Polytechnica*. Vol. 54, No. 6 (2014), online, s. 378-382. ISSN 1210-2709. V databáze: SCOPUS.

ADM04 BOŽEK, Pavol [50 %] - POKORNÝ, Peter [50 %]. Analysis and evaluation of differences dimensional products of production system. In *Applied Mechanics and Materials*. Vol. 611 (2014), s. 339-345. ISSN 1660-9336. registrovaný: Scopus. V databáze: SCOPUS.

ADM05 BURANSKÝ, Ivan [34 %] - PETERKA, Jozef [33 %] - BURANSKÁ, Eva [33 %]. On-line classroom for dynamic education. In *Applied Mechanics and Materials : Novel Trends in Production Devices and Systems*. Vol. 474, (2014), s. 15-20. ISSN 1660-9336. registrovaný: Web of Science, Scopus. V databáze: SCOPUS ; WOS.

ADM06 DOMÁNKOVÁ, Mária [25 %] - KOCSISOVÁ, Edina [25 %] - SLATKOVSKÝ, Ivan [25 %] - PINKE, Peter [25 %]. The microstructure evolution and its effect on corrosion properties of 18Cr-12Ni-2,5Mo steel annealed at 500-900 °C. In *Acta Polytechnica Hungarica*. Vol. 11, Iss. 3 (2014), s. 125-137. ISSN 1785-8860. registrovaný: Web of Science, Master Journal List, Scopus. V databáze: WOS ; SCOPUS.

ADM07 HODÚLOVÁ, Erika [20 %] - ŠIMEKOVÁ, Beáta [20 %] - KOVAŘÍKOVÁ, Ingrid [20 %] - Sukubová, Indrig [20 %] - LECHOVIČ, Emil [20 %] - ULRICH, Koloman [20 %]. Research and development of lead-free solder for microelectronics in consideration of the environmental and qualitative aspects. In *Welding in the World*. Vol. 58, no. 5 (2014), s. 719-727. ISSN 0043-2288. registrovaný: Master Journal List, Scopus. V databáze: SCOPUS ; WOS ; MLJ.

ADM08 HRICOVÁ, Júlia [50 %] - KOVÁČ, Martin [20 %] - ŠUGÁR, Peter [30 %]. Experimental investigation of high speed milling of aluminium alloy. In *Tehnicki Vjesnik - Technical Gazette*. Vol. 21, Iss. 4 (2014), s. 773-777. ISSN 1330-3651.

registrovaný: Web of Science, Master Journal List, Scopus. V databáze: SCOPUS ; WOS.

- ADM09 KRAMÁR, Tomáš [20 %] - KOLAŘÍK, Ladislav [20 %] - KOLAŘÍKOVÁ, Marie [20 %] - SAHUL, Martin [20 %] - POSPÍŠIL, David [20 %]. Capacitor discharge welding of aluminium studs. In *Manufacturing technology [elektronický zdroj]*. Vol. 14, No. 2 (2014), online, p. 199-206. ISSN 1213-2489. registrovaný: Scopus. V databáze: SCOPUS.
- ADM10 ONDRUŠKA, Michal [20 %] - DRIENOVSKÝ, Marián [20 %] - ČIČKA, Roman [20 %] - MARÔNEK, Milan [20 %] - NÁPLAVA, Antonín [20 %]. Optimizing the welding of plastics with the use of differential scanning calorimetry and thermogravimetric analysis. In *Acta Polytechnica*. Vol. 54, No. 3 (2014), s. 221-224. ISSN 1210-2709. registrovaný: Scopus. V databáze: SCOPUS.
- ADM11 SAMARDŽIOVÁ, Michaela [50 %] - NESLUŠAN, Miroslav [50 %]. Roughness improvement in hard turning when changing cutting parameters and using differently shaped ceramic tools. In *Applied Mechanics and Materials : Novel Trends in Production Devices and Systems*. Vol. 474, (2014), s. 345-350. ISSN 1660-9336. registrovaný: Web of Science, Scopus. V databáze: SCOPUS ; WOS.
- ADM12 ŠUDÝ, Marián [34 %] - BALOG, Karol [33 %] - SOLDÁN, Maroš [33 %]. Environmental friendly degradation of Atrazine by ozone and identification of main degradation products. In *Advanced Materials Research*. Vol. 1001 (2014), s. 52-57. ISSN 1022-6680. registrovaný: Scopus. V databáze: SCOPUS.
- ADM13 TÓTH, Dávid [50 %] - KOŠTÁL, Peter [50 %]. The methodic procedure for creation of NC programmes by using Sinumerik 840 D. In *Academic Journal of Manufacturing Engineering*. Vol.12, Iss. 4 (2014), s. 108-113. ISSN 1583-7904. V databáze: SCOPUS.

BDF Odborné práce v ostatných domácich časopisoch

- BDF01 ZIFČÁK, Peter [34 %] - KUPEC, Tomáš [33 %] - HLAVÁČOVÁ, Ivana [33 %]. Zváranie metódou FSW Mg a Al zliatiny. In *Zváranie - Svařování*. Roč. 63, č. 5-6 (2014), s. 113-116. ISSN 0044-5525.
- BDF02 ZIFČÁK, Peter [25 %] - KUPEC, Tomáš [25 %] - BEHÚLOVÁ, Mária [25 %] - SAHUL, Miroslav [25 %]. Trecie zváranie s premiešaním modelového materiálu - horčíkovej zliatiny AZ 31. In *Zváranie - Svařování*. Roč. 63, č. 5-6 (2014), s. 117-120. ISSN 0044-5525.
- BDF03 ZIFČÁK, Peter [50 %] - KUPEC, Tomáš [50 %]. Zváranie modelového materiálu metódou FSW pre účely numerických simulácií. In *Zváranie - Svařování*. Roč. 63, č. 5-6 (2014), s. 99-102. ISSN 0044-5525.

Štatistika: kategória publikačnej činnosti

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADE	Vedecké práce v ostatných zahraničných časopisoch	10
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