

Výstupy A

Autorské osvedčenia, patenty, objavy

- 1) AGJ01 HORVÁT, František - PALICA, Igor - ŠOLTÉS, Lukáš - ČEKAN, Michal - HUČKO, Branislav. Optické skenovacie zariadenie vertikálnych deformácií chrčtice : Úžitkový vzor č. 6737. Banská Bystrica : Úrad priemyselného vlastníctva SR, 2014. 7 s.
- 2) AGJ02 HORVÁT, František - ČEKAN, Michal - HUČKO, Branislav - KOVÁČ, Tomáš - SZARVAS, Martin. Mechanická časť konštrukcie testovacieho zariadenia tenkých membrán z piezoelektrických materiálov : úžitkový vzor č. 7911. Banská Bystrica Úrad priemyselného vlastníctva SR 2017. 7 s.
- 3) AGJ03 ŠOLTÉS, Lukáš - ČEKAN, Michal - HORVÁT, František - HUČKO, Branislav - MUSIL, Miloš - BACHRATÝ, Michal. Energetický zdroj bezdrôtovej počítačovej myši : Úžitkový vzor č. 7192. Banská Bystrica : Úrad priemyselného vlastníctva SR, 2015. 6 s.
- 4) AGJ04 ŠOLTÉS, Lukáš - HUČKO, Branislav - ČEKAN, Michal - HORVÁT, František - ČAMBAL, Marek - LABAŠ, Peter. Zariadenie na stanovenie a meranie mechanických a biomechanických vlastností ciev : úžitkový vzor č. 7245. Banská Bystrica Úrad priemyselného vlastníctva SR 2015. 10 s.

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- 6) ADC02 HUČKO, Branislav - MURÍN, J. Incremental equations for the large displacements analysis in the finite element method. In *Computers and Structures*. Vol. 29, No. 1 (1988), s.155-159. ISSN 0045-7949. **V databáze: WOS**, IF nebolo v tom čase určené, súčasné **IF 3,354, časopis v je Q1**

WOS a SCOPUS konferencie

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- 8) AFC Murín, J., Hučko, B.: Solution of non-linear problems with full stiffness matrices, European Congress on Computational Methods in Applied Sciences and Engineering, ECCOMAS 2000; Barcelona; Spain; 11 September 2000 through 14 September 2000; Code 102094, **V databáze SCOPUS.**
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- 12) AFD12 HORVÁT, František - ČEKAN, Michal - ÉLESZTÖS, Pavel - HUČKO, Branislav - JANČO, Roland - KALOČÁNY, Daniel. Nonlinear finite element analysis of helium loop structure. In Aplimat 2016 [elektronický zdroj] : proceedings of the 15th conference on applied mathematics 2016. Bratislava, 2.-4. 2. 2016. 1st. ed. Bratislava : Vydavateľstvo STU, 2016, S. 505-512, CD ROM. ISBN 978-80-227-4531-4. **V databáze: SCOPUS.**
- 13) AFD15 KOVÁČ, Tomáš - HORVÁT, František - ČEKAN, Michal - HUČKO, Branislav - SZARVAS, Martin - DZUBA, Jaroslav - VANKO, Gabriel. Numerical solution of aluminium gallium nitride membrane in finite element analysis. In Aplimat 2016 [elektronický zdroj] : proceedings of the 15th conference on applied mathematics 2016. Bratislava, 2.-4. 2. 2016. 1st. ed. Bratislava : Vydavateľstvo STU, 2016, S. 700-710, CD ROM. ISBN 978-80-227-4531-4. **V databáze: SCOPUS.**
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- 15) AFC02 BARBOLYAS, Boris - ŠUTTOVÁ, Kristína - VACHÁLEK, Ján - BELAVÝ, Cyril - HUČKO, Branislav - DEDÍK, Ladislav. Evaluation of human postural system dynamical behavior via developed statokinesigram trajectory. In IFAC-PapersOnLine. Vol. 50, 20th World congress on the International Federation of Automatic Control. Toulouse, France. July 9-14, 2017 (2017), s. 15627-15632, online. ISSN 2405-8963. **V databáze: SCOPUS.**
- 16) AFD17 KOVÁČ, Tomáš - HORVÁT, František - ČEKAN, Michal - HUČKO, Branislav - DZUBA, Jaroslav - VANKO, Gabriel. Comparing the effects of constants for gallium nitride based on the charge of a thin membrane. In Aplimat 2017 [elektronický zdroj] : proceedings of the 16th conference on Applied Mathematics. Bratislava, 31.1. -2.2. 2017. 1. vyd. Bratislava : Vydavateľstvo Spektrum STU, 2017, S. 869-877, CD ROM. ISBN 978-80-227-4650-2. **V databáze: SCOPUS.**
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- 20) AFC17 PAVLÁSEK, Peter - RYBÁŘ, Jan - ĎURIŠ, Stanislav - HUČKO, Branislav - PALENČÁR, Jakub - CHYTIL, Miroslav. Developments in non-contact eye tonometer calibration. In Proceedings of the 2019 IEEE International Instrumentation and Measurement Technology Conference. 1. vyd. Piscataway : IEEE, 2019, S. 1281-1285, CD ROM. ISBN 978-1-5386-3460-8. **V databáze SCOPUS.**

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- 5) ADF03 HUČKO, Branislav - HORVÁT, František - KOVÁČ, Tomáš - ŠOLTÉS, Lukáš - ČEKAN, Michal. Thermal effects in electro acupuncture. In Acupuncture and Natural Medicine [elektronický zdroj]. Vol. 2015, no. 5-6 (2015), s. 42-48, online. ISSN 1339-4703.
- 6) ADF04 HUČKO, Branislav - BEREZŇÁK, Juraj - JANČO, Roland - MUSIL, Miloš. Application of magnetic field in regeneration of knee cartilage. In Akupunktúra a naturálna medicína. Roč. 2018, č. 1 (2018), s. 76-79. ISSN 1339-4703.
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- 16) ADF HUČKO, B. - MURÍN, J.: Realizácia metódy „Element po elemente“ na riešenie sústavy algebraických rovníc v metóde konečných prvkov, Strojnícky časopis, Vol. 38, 1987, č.5, s. 561-568
- 17) ADM Ondrej Chlebo, Stanislav Žiaran, Branislav Hučko, Michal Čekan: REDUCTION OF TONAL NOISE IN RESIDENTIAL BUILDINGS, Akustika Vol. 31, 2019
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Z toho časopisy	Požadované: 23	Skutočnosť: 23
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Aspoň 30% v zahraničí	Požadované: 9	Skutočnosť: 30
Citácie registrované vo WOS a SCOPUS	Požadované: 5	Skutočnosť: 36

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