

## Publikácie / Publications

**Department: SAVINFO - Ústav informatiky SAV**  
**Year of publication 2012~2015**

### Statistics publication category

AAA	Scientific monographs published abroad	1
ABC	Chapters in scientific monographs published abroad	9
ABD	Chapters in scientific monographs published in Slovak publishing houses	1
ACB	Academic/university textbooks published in Slovak publishing houses	1
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	21
ADCB	Scientific papers in foreign journals registered in Current Contents Connect without IF (non-impacted)	1
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	13
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	18
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	12
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	1
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	148
ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	3
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AEC	Scientific papers in foreign peer-reviewed proceedings, monographs	28
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AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	5
AEF	Scientific papers in domestic non peer-reviewed proceedings, monographs	8
AFBA	Published invited papers from international scientific conferences in Slovakia	1
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BDF	Professional papers in other domestic journals (not registered in CCC)	2
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BEE	Professional papers in foreign proceedings (conference/non-conference; peer-reviewed/non-peer-reviewed)	1
BFA	Abstracts of scientific papers from foreign (conferences)	3
DAI	Dissertations and habilitation theses	2
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	6
GAI	Reports	1
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	3
<b>Count</b>		<b>388</b>

### AAA Scientific monographs published abroad

AAA01      ŠIMKOVÁ, Mária - GARABÍK, Radovan - GAJDOŠOVÁ, Katarína - LACLAVÍK, Michal - ONDREJOVIČ, Slavomír - JUHÁR, Jozef - GENČI, Ján - FURDÍK, Karol - IVORÍKOVÁ, Helena - IVANECKÝ, Jozef. *The Slovak language in the digital age* = Slovenský jazyk v digitálnom veku. Ed. G. Rehm, H. Uszkoreit. Berlin ; New York : Springer, 2012. 85 p. White paper series. ISBN 978-3-642-30369-2.

### ABC Chapters in scientific monographs published abroad

ABC01      ČAPKOVIČ, František. Petri net-based modelling and simulation of transport network segments. In *Propagation phenomena in real world networks*. - Cham : Springer International Publishing Switzerland, 2015, chapter 6, p. 135-154. ISBN 978-3-319-15915-7.

ABC02      HALADA, Ladislav - WEISENPACHER, Peter - GLASA, Ján. Computer modeling of automobile fires : chapter 9. In *Advances in modeling of fluid dynamics*. - InTech, 2012, p. 203-228. ISBN 978-953-51-0834-4.

ABC03      HAVLÍK, Štefan. Unmanned robotic vehicles for demining. In *Advances in robotics : modeling, control and applications*. - iConcept Press Ltd., 2013, p. 342-371. ISBN 978-1-922227-05-8.

ABC04      HLUCHÝ, Ladislav - HABALA, Ondrej - TRAN, Dinh Viet - ŠIMO, Branislav. Environmental risk management. In *The DATA Bonanza : improving knowledge discovery in science, engineering, and business*. - New Jersey : John Wiley & Sons, Inc., 2013, p. 301-326. ISBN 978-1-118-39864-7.

- ABC05      JUHÁR, Jozef - STAŠ, Ján - HLÁDEK, Daniel. Recent progress in development of language model for Slovak large vocabulary continuous speech recognition : chapter 12. In *New technologies : trends, innovations and research*. - Rijeka : INTECH, 2012, p. 261-276.
- ABC06      MASÁR, Marek - BUDINSKÁ, Ivana. Swarm-based heuristics for an area exploration. In *Advances in Soft Computing, Intelligent Robotics and Control : Topics in Intelligent Engineering and Informatics*. - Budapest : Springer, 2014, vol. 8, part II., p. 219-238. ISBN 978-3-319-05944-0. ISSN 2193-9411.
- ABC07      MOJŽIŠ, Ján, info - LACLAVÍK, Michal. Relationship discovery and navigation in big graphs. In *Studies in Computational Intelligence : Extended and Selected Results from the Science and Information Conference 2014*, 2015, vol. 591, p. 109-123. ISBN 978-3-319-14653-9. ISSN 1860-949X.
- ABC08      PAJOROVÁ, Eva - HLUCHÝ, Ladislav. Visualization the natural disasters simulations results based on grid and cloud computing : Chapter 5. In *Emerging Informatics - Innovative Concepts and Applications*. - InTech, 2012, p. 85-100. ISBN 978-953-51-0514-5.
- ABC09      ZELENKA, Ján. Cooperation particle swarm optimization with discrete events systems by dynamical rescheduling : chapter 5. In *Recent advances in Intelligent Engineering Systems : Studies in Computational Intelligence*. - Springer, 2012, vol. 378, p. 105-130. ISBN 978-3-642-23229-9.

#### **ABD Chapters in scientific monographs published in Slovak publishing houses**

- ABD01      BUDINSKÁ, Ivana. How artificial agents think. In *Artificial intelligence and cognitive science IV*. - Bratislava : Slovak University of Technology in Bratislava, 2014, p. 1-20. ISBN 978-80-227-4208-5.

Zobrazovací formát pre typ dokumentu " nedefinovaný! sysno:182605

#### **ACB Academic/university textbooks published in Slovak publishing houses**

- ACB01      LACLAVÍK, Michal - ŠELENĚ, Martin. *Vyhľadávanie informácií* [Information Discovery]. Bratislava : Nakladateľstvo STU, 2012. 141 p. Edícia učebných textov informatiky a informačných technológií. ISBN 978-80-227-3829-3.

#### **ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)**

- ADCA01      BALAŽOVJECH, Martin - HALADA, Ladislav. Efficient application of e-invariants in finite element method for an elastodynamic equation. In *Kybernetika*, 2013, vol. 49, no. 5, p. 765-779. (0.619 - IF2012). (2013 - Current Contents). ISSN 0023-5954.
- ADCA02      BENŮŠ, Štefan - ŠIMKO, Juraj. Emergence of prosodic boundary: continuous effects of temporal affordance on inter-gestural timing. In *Journal of Phonetics*, 2014, vol. 44, p. 110-129. (1.365 - IF2013). (2014 - Current Contents).
- ADCA03      BENŮŠ, Štefan - GRAVANO, Agustin - LEVITAN, Rivka - LEVITAN, Sarah Ita - WILLSON, Laura - HIRSCHBERG, Julia. Entrainment, dominance and

alliance in supreme court hearings. In *Knowledge-Based Systems*, 2014, vol. 71, p. 3-14. (3.058 - IF2013). (2014 - Current Contents). ISBN 0950-7051.

- ADCA04     BENUŠ, Štefan. Phonetic variation in Slovak yer and non-yer vowels. In *Journal of Phonetics*, 2012, vol. 40, p. 535-549. (1.410 - IF2011). (2012 - Current Contents). ISSN 0095-4470.
- ADCA05     BENUŠ, Štefan. Social aspects of entrainment in spoken interaction. In *Cognitive Computation*, 2014, vol. 6, p. 802-813. (1.100 - IF2013). (2014 - Current Contents). ISSN 1866-9956.
- ADCA06     BRITAŇÁK, Vladimír. Fast conversion algorithm for the Dolby Digital (Plus) AC-3 audio coding standard. In *IEEE Signal Processing Letters*, 2012, vol. 19, no. 12, p. 910-913. (1.388 - IF2011). (2012 - Current Contents). ISSN 1070-9908.
- ADCA07     BRITAŇÁK, Vladimír. New fast algorithms for the low delay MDCT computation in the MPEG-4 AAC enhanced low delay audio coding standard. In *Signal Processing*, 2014, vol. 105, p. 410-418. (2.238 - IF2013). (2014 - Current Contents). ISSN 0165-1684.
- ADCA08     BRITAŇÁK, Vladimír. New generalized conversion method of the MDCT to MDST coefficients in the frequency domain for arbitrary symmetric windowing function. In *Digital Signal Processing*, 2013, vol. 23, p. 1783-1797. (1.918 - IF2012). (2013 - Current Contents). ISSN 1051-2004.
- ADCA09     BRITAŇÁK, Vladimír. New recursive fast radix-2 algorithm for the modulated complex lapped transform. In *IEEE Transactions on Signal Processing*, 2012, vol. 60, no. 12, p. 6703-6708. (2.628 - IF2011).
- ADCA10     BRITAŇÁK, Vladimír. Spectral Band Replication (SBR) compression technology: Survey of the unified efficient low-cost implementations of complex exponential- and cosine-modulated QMF banks. In *Signal Processing*, 2015, vol. 115, p. 49-65. (2.209 - IF2014). (2015 - Current Contents). ISSN 0165-1684. Dostupné na internete: <<http://dx.doi.org/10.1016/j.sigpro.2015.03.018>>.
- ADCA11     DOBAI, Roland - BALÁŽ, Marcel. SAT-based generation of compressed skewed-load tests for transition delay faults. In *Microprocessors and microsystems*, 2013, vol. 37, p. 196-205. (0.549 - IF2012). (2013 - Current Contents). ISSN 0141-9331.
- ADCA12     DUBECKÝ, František - GOMBIA, E. - FERRARI, C. - ZAŤKO, Bohumír - VANKO, Gabriel - BALDINI, M. - KOVÁČ, Jaroslav - BAČEK, D. - KOVÁČ, P. - HRKÚT, Pavol - NEČAS, V. Characterization of epitaxial 4H-SiC for photon detectors. In *Journal of Instrumentation*, 2012, vol. 7, p09005. (1.869 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 1748-0221.
- ADCA13     GRAVANO, Agustin - HIRSCHBERG, Julia - BENUŠ, Štefan. Affirmative cue words in task-oriented dialogue. In *Computational Linguistics*, 2012, vol. 38, no. 1, p. 1-39. (0.721 - IF2011). (2012 - Current Contents). ISSN 0891-2017.

- ADCA14 HOTOVÝ, I. - KOSTIČ, Ivan - HAŠČÍK, Štefan - ŘEHÁČEK, V. - PREDANOCY, M. - BENČUROVÁ, Anna. Patterning of titanium oxide surfaces using inductively coupled plasma for gas sensing. In *Applied Surface Science*, 2014, vol. 312, p. 107-111. (2.538 - IF2013). (2014 - Current Contents). ISSN 0169-4332.
- ADCA15 HOTOVÝ, I. - KOSTIČ, Ivan - NEMEC, Pavol - PREDANOCY, M. - ŘEHÁČEK, V. Patterning of titanium oxide nanostructures by electron-beam lithography combined with plasma etching. In *Journal of Micromechanics and Microengineering*, 2015, vol. 25, iss. 7, art. no. 074006. (1.731 - IF2014). (2015 - Current Contents). ISSN 0960-1317.
- ADCA16 ILIAŠ, Miroslav - DOBRUCKÝ, Miroslav. Grid computing with relativistic quantum chemistry software : case study of code adaptation and effective deployment. In *Journal of Grid Computing*, 2014, vol. 12, no. 4, p. 681-690. (1.667 - IF2013). (2014 - Current Contents). ISSN 1570-7873. Dostupné na internete: <<http://link.springer.com/article/10.1007/s10723-014-9309-4>>.
- ADCA17 LALINSKÝ, Tibor - HUDEK, Peter - VANKO, Gabriel - DZUBA, Jaroslav - KUTIŠ, V. - SRNÁNEK, R. - CHOLEVA, P. - VALLO, Martin - DRŽÍK, Milan - MATAY, Ladislav - KOSTIČ, Ivan. Micromachined membrane structures for pressure sensors based on AlGaIn/GaN circular HEMT sensing device. In *Microelectronic Engineering : an international journal of semiconductor manufacturing technology*, 2012, vol. 98, p. 578-581. (1.557 - IF2011). (2012 - Current Contents). ISSN 0167-9317.
- ADCA18 PARTEL, S. - MAYER, M. - HUDEK, Peter - DINÇER, C. - KIENINGER, J. - URBAN, G.A. - MOTZEK, K. - MATAY, Ladislav. Fabrication process development for a high sensitive electrochemical IDA sensor. In *Microelectronic Engineering : an international journal of semiconductor manufacturing technology*, 2012, vol. 97, p. 235-240. (1.557 - IF2011). (2012 - Current Contents). ISSN 0167-9317.
- ADCA19 RÝGER, Ivan - VANKO, Gabriel - LALINSKÝ, Tibor - HAŠČÍK, Štefan - BENČUROVÁ, Anna - NEMEC, Pavol - ANDOK, Róbert - TOMÁŠKA, M. GaN/SiC based surface acoustic wave structures for hydrogen sensors with enhanced sensitivity. In *Sensors and Actuators A: Physical*, 2015, vol. 227, p. 55-62. (1.903 - IF2014). (2015 - Current Contents). ISSN 0924-4247.
- ADCA20 ŠKRINIAROVÁ, J. - ANDOK, Róbert - PUDIŠ, D. - BENČUROVÁ, Anna - NEMEC, Pavol - ŠUŠLÍK, L. Standard AZ 5214E photoresist in laser interference and EBDW lithographies. In *Vacuum*, 2015, vol. 111, p. 5-8. (1.858 - IF2014). (2015 - Current Contents). ISSN 0042-207X. Dostupné na internete: <<http://dx.doi.org/10.1016/j.vacuum.2014.09.012>>.
- ADCA21 VANKO, Gabriel - HUDEK, Peter - ZEHETNER, J. - DZUBA, Jaroslav - CHOLEVA, P. - KUTIŠ, V. - VALLO, Martin - RÝGER, Ivan - LALINSKÝ, Tibor. Bulk micromachining of SiC substrate for MEMS sensor applications. In *Microelectronic Engineering*, 2013, vol. 110, p. 260-264. (1.224 - IF2012). (2013 - Current Contents). ISSN 0167-9317.

**ADCB Scientific papers in foreign journals registered in Current Contents Connect without IF (non-impacted)**

ADCB01     BUDINSKÁ, Ivana - KASANICKÝ, Tomáš - ZELENKA, Ján. Production planning and scheduling by means of artificial immune systems and particle swarm optimisation algorithms. In *International Journal of Bio-Inspired Computation*, 2012, vol. 4, no. 4, p. 237-248. (2012 - Current Contents). ISSN 1758-0366.

**ADDA Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)**

ADDA01     BALOGH, Zoltán - GATIAL, Emil - HLUCHÝ, Ladislav - TOEGL, Roland - PIRKER, Martin - HEIN, Daniel M. Agent-based cloud resource management for secure cloud infrastructures. In *Computing and Informatics*, 2014, vol. 33, no. 6, p. 1333-1355. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.

ADDA02     BARTOK, Juraj - BABIČ, František - BEDNÁR, Peter - PARALIČ, Ján - KOVÁČ, Jozef - BARTOKOVÁ, Ivana - HLUCHÝ, Ladislav - GERA, Martin. Data mining for fog prediction and low clouds detection. In *Computing and informatics*, 2012, vol. 30, no. 6+, p. 1441-1464. (0.239 - IF2011). (2012 - Current Contents). ISSN 1335-9150.

ADDA03     BUNDZEL, Marek - KASANICKÝ, Tomáš - PINČÁK, Richard. Experimental analysis of the prediction model based on string invariants. In *Computing and informatics*, 2013, vol. 32, no. 6, p. 1131-1146. (0.254 - IF2012). (2013 - Current Contents, WOS). ISSN 1335-9150.

ADDA04     ČAPKOVIČ, František. Timed and hybrid Petri nets at solving problems of computational intelligence. In *Computing and Informatics*, 2015, vol. 34, no. 4, p. 746-778. (0.504 - IF2014). (2015 - Current Contents). ISSN 1335-9150.

ADDA05     DOBAI, Roland - BALÁŽ, Marcel. Compressed skewed-load delay test generation based on evolution and deterministic initialization of populations. In *Computing and informatics*, 2013, vol. 32, no. 2, p. 251-272. (0.254 - IF2012). (2013 - Current Contents, WOS). ISSN 1335-9150.

ADDA06     DOBROVODSKÝ, Karol - ANDRIS, Pavel. Real-time recognition and tracking of moving objects. In *Computing and Informatics*, 2014, vol. 33, no. 6, p. 1213-1236. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.

ADDA07     KASANICKÝ, Tomáš - ZELENKA, Ján. Optimal pedestrian path planning in evacuation scenario. In *Computing and Informatics*, 2014, vol. 33, no. 6, p. 1269-1287. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.

ADDA08     KVASSAY, Marcel - HLUCHÝ, Ladislav - DLUGOLINSKÝ, Štefan - SCHNEIDER, Bernhard - BRACKER, H. - TAVČAR, A. - GAMS, M. - CONTAT, Marc - DUTKA, Łukasz - KRÓL, D. - WRZESZCZ, M. - KITOWSKI, Jacek. A novel way of using simulations to support urban security operations. In *Computing and Informatics*, 2015, vol. 34, no. 6, p. 1201-1233. (0.504 - IF2014). (2015 - Current Contents). ISSN 1335-9150.

- ADDA09     LACLAVÍK, Michal - DLUGOLINSKÝ, Štefan - CIGLAN, Marek.  
Discovering relations by entity search in lightweight semantic text graphs. In *Computing and Informatics*, 2014, vol. 33, no. 4, pp. 877-906. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.
- ADDA10     NGUYEN, Binh Minh - TRAN, Dinh Viet - HLUCHÝ, Ladislav. A generic development and deployment framework for cloud computing and distributed applications. In *Computing and informatics*, 2013, vol. 32, no. 3, p. 461-485. (0.254 - IF2012). (2013 - Current Contents, WOS). ISSN 1335-9150.
- ADDA11     NGUYEN, Giang - ŠÍPKOVÁ, Viera - KRAMMER, Peter - HLUCHÝ, Ladislav - DOBRUCKÝ, Miroslav - TRAN, Dinh Viet - HABALA, Ondrej.  
Integrated system for hydraulic simulations. In *Computing and Informatics*, 2015, vol. 34, no. 5, pp. 1065-1088. (0.504 - IF2014). (2015 - Current Contents). ISSN 1335-9150.
- ADDA12     RUSKO, Milan - DARJAA, Sakhia - TRNKA, Marián - SABO, Róbert - RITOMSKÝ, Marian. Expressive speech synthesis for critical situations. In *Computing and Informatics*, 2014, vol. 33, no. 6, p. 1312-1332. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.
- ADDA13     WEISENPACHER, Peter - GLASA, Ján - HALADA, Ladislav - VALÁŠEK, Lukáš - ŠÍPKOVÁ, Viera. Parallel computer simulation of fire in road tunnel and people evacuation. In *Computing and Informatics*, 2014, vol. 33, no. 6, p. 1237-1268. (0.319 - IF2013). (2014 - Current Contents). ISSN 1335-9150.

**ADEB Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)**

- ADEB01     BENČUROVÁ, Anna - BARÁK, Vladislav - KONEČNÍKOVÁ, Anna - KOSTIČ, Ivan - NEMEC, Pavol - RITOMSKÝ, Adrian. Investigation of the high sensitive negative resist for the photomasks fabrication by e-beam lithography. In *Elektrotechnica & elektronika E+E*, 2012, vol. 47, no. 5-6, p. 5-9. ISSN 0861-4717.
- ADEB02     BENČUROVÁ, Anna - NEMEC, Pavol - KOSTIČ, Ivan - VUTOVA, Katia - KOLEVA, Elena - MLADENOV, Georgy. Investigations on sensitivity of electron resists. In *Elektrotechnica & elektronika E+E*, 2012, vol. 47, no. 5-6, p. 10-13. ISSN 0861-4717.
- ADEB03     ČAPKOVIČ, František. Agent-based modelling of the evacuation of endangered areas in crisis situations. In *Vietnam Journal of Computer Science*, 2014, doi 10.1007/s40595-014-0029-2. ISSN 2196-8896.
- ADEB04     ČAPKOVIČ, František. Cooperation of agents in complex systems based on supervision. In *Cybernetics and Information Technologies : CIT*, 2014, vol. 14, no. 1, p. 40-51. ISSN 1311-9702.
- ADEB05     ČAPKOVIČ, František. Petri net-based approach to modelling ATM and minimising logistic costs in ATM network. In *International Journal of Computational Intelligence Studies*, 2013, vol. 2, no. 3/4, p. 202-217. ISSN 1755-4977.

- ADEB06     DLUGOLINSKÝ, Štefan - ŠELENG, Martin - LACLAVÍK, Michal - HLUCHÝ, Ladislav. Distributed web-scale infrastructure for crawling, indexing and search with semantic support. In *Computer Science Journal*, 2012, vol. 13, no. 4, p. 5-19. ISSN 1508-2806.
- ADEB07     GATIAL, Emil - BALOGH, Zoltán - HEIN, Daniel M. - HLUCHÝ, Ladislav - PIRKER, Martin - TOEGL, Roland. Securing agents using secure docking module. In *Technical Sciences*, 2012, vol. 15, no. 1, p. 111-122. ISSN 1505-4675.
- ADEB08     GLASA, Ján - VALÁŠEK, Lukáš - HALADA, Ladislav - WEISENPACHER, Peter. Modelovanie vplyvu požiaru na evakuáciu v cestnom tuneli = Modelling of impact of road tunnel fire on evacuation. In *Spektrum*, 2014, roč. 13, čís. 2, p. 39-44. ISSN 1211-6920.
- ADEB09     GLASA, Ján - VALÁŠEK, Lukáš - WEISENPACHER, Peter - HALADA, Ladislav. Use of PyroSim for simulation of cinema fire. In *International Journal on Recent Trends in Engineering and Technology*, 2012, vol. 7, no. 2, p. 51-56. ISSN 2158-5555.
- ADEB10     HABALA, Ondrej - HLUCHÝ, Ladislav - TRAN, Dinh Viet - KRAMMER, Peter - ŠELENG, Martin. Using advanced data mining and integration in environmental prediction scenarios. In *Computer Science*, 2012, vol.13, no. 1, p. 5-16. ISSN 1508-2806.
- ADEB11     HALADA, Ladislav - GLASA, Ján - VALÁŠEK, Lukáš - WEISENPACHER, Peter. The use of fire dynamics simulator for modelling fires. In *Journal on Law, Economy and Management*, 2012, vol. 2, no. 2, p. 27-35. ISSN 2048-4186.
- ADEB12     HRICKO, Jaroslav - HAVLÍK, Štefan. Design of compact compliant devices - mathematical models vs. experiments. In *American Journal of Mechanical Engineering*, 2015, vol. 3, no. 6, p. 201-206. Dostupné na internete: <<http://pubs.sciepub.com/ajme/3/6/9>>.
- ADEB13     KOSTIČ, Ivan - BENČUROVÁ, Anna - KONEČNÍKOVÁ, Anna - NEMEC, Pavol - RITOMSKÝ, Adrian - KOLEVA, Elena - VUTOVA, Katia - MLADENOV, Georgy. Study of electron beam resists: negative tone HSQ and positive tone SML300. In *Elektrotechnika i elektronika E+E : Eleventh International Conference on Electron Beam Technologies*, 2014, vol. 49, no. 5-6. ISSN 0861-4717.
- ADEB14     KURDEL, Peter - SEBESTYÉNOVÁ, Jolana. Routing optimization for ATM cash replenishment. In *International Journal of Computers*, 2013, vol. 7, p. 135-144. ISSN 1998-4308.
- ADEB15     PAJOROVÁ, Eva - HLUCHÝ, Ladislav. High Performance Computing with a Big Data: 3D Visualization of the Research Results. In *Research in Computing Science*, 2015, vol. 102, p. 9-19. ISSN 1870-4069.

- ADEB16     PAJOROVÁ, Eva - HLUCHÝ, Ladislav. Virtual speaking head for hearing impaired students. In *World Academy of Science, Engineering and Technology*, 2012, iss. 71, part XVII, p. 2314-2318. ISSN 2010-376X.
- ADEB17     PAJOROVÁ, Eva - HLUCHÝ, Ladislav. Virtual speaking head as a communication help in the extreme environments. In *Academic Journal of Science*. - UniversityPublications.net, 2014, vol. 3, no. 2, p. 479-486. ISSN 2165-6282.
- ADEB18     WOJCIECHOWICZ, Wojciech - FOURNIER, Jacques - KONEČNÝ, Miroslav - VANYA, Stefan - STOODLEY, John - ENTWISLE, Phil - HEIN, Daniel M. - MACHALEK, Aurel - FOURNARIS, Apostolos - URIARTE, Mikel - LOPEZ, Oscar - O'NEILL, Shaun - BRANDL, Hans - BALOGH, Zoltán - GATIAL, Emil - HLUCHÝ, Ladislav - MIROSLAW, Tomasz - ZYCH, Jan. Seamless communication for crisis management. In *Technical Sciences*, 2012, vol. 15, no. 1, p. 65-79. ISSN 1505-4675.

**ADFB Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)**

- ADFB01     ANDOK, Róbert - ANDRIS, Pavel. Návrh mikropočítačom riadeného modulu vhodného pre drsné priemyselné prostredie [Microcomputer controlled module design suitable for harsh industrial environments]. In *Časopis pre elektrotechniku, elektroenergetiku, informačné a komunikačné technológie*, 2013, no. 2, p. 36-37,45.
- ADFB02     ANDOK, Róbert - RITOMSKÝ, Adrian. Snímače polohy na použitie pri vyššej prevádzkovej teplote a vyššom prevádzkovom tlaku [Position sensors for use at a higher operating temperature and higher operating pressure]. In *ATP Journal*. - Bratislava : STU, 2013, no. 4, p. 20-21. ISSN 1336-233X.
- ADFB03     BALAŽOVJECH, Martin - HALADA, Ladislav - MIKULA, Karol - PETRÁŠOVÁ, Mária - URBÁN, Jozef. Numerické modelovanie šírenia lesných požiarov = Numerical modeling of forest fire propagation. In *Delta*, 2012, roč. 6, č. 12, p. 3-7. ISSN 1337-0863.
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