Ing. Ľuboš Čirka, PhD.
Oddelenie informatizácie a riadenia procesov, UIAM

Prehľad publikačnej a inej vedeckej aktivity

ABD, Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách

1. Kvasnica, M. [40%] – Fikar, M. [10%] – **Čirka, Ľ.** [40%] – Herceg, M. [10%]: *Complexity Reduction in Explicit Model Predictive Control*, V *Selected Topics on Constrained and Nonlinear Control. Textbook*, STU Bratislava - NTNU Trondheim, str. 241–288, 2011. ISBN: 978–80–968627–4–0

ACB, Vysokoškolské učebnice vydané v domácich vydavateľstvách

1. Mikleš, J. [70%] – **Čirka, Ľ.** [10%] – Oravec, J. [10%] – Fikar, M. [10%]: *Návrh H2 a Hinf riadenia s využitím Ljapunovových funkcií*, FCHPT STU v Bratislave, 2022. ISBN: 978-80-8208-089-9

ADC, Vedecké práce v zahraničných karentovaných časopisoch

1. **Čirka, Ľ.** [60%] – Mikleš, J. [20%] – Fikar, M. [20%]: A deterministic LQ tracking problem: Parameterization of the controller. *Kybernetika*, č. 4, zv. **38**, str. 469–478, 2002. ISSN: 0023-5954 (2002: 0.341 - IF, Q3 - JCR Best Q, 0.472 – IF SJR) **A**
2. Kalúz, M. [65%] – García-Zubía, J. [10%] – Fikar, M. [15%] – **Čirka, Ľ.** [10%]: A Flexible and Configurable Architecture for Automatic Control Remote Laboratories. *IEEE Transactions on Learning Technologies*, č. 3, zv. **8**, str. 299–310, 2015. ISSN: 1939-1382 (2015: 1.129 - IF, Q2 - JCR Best Q, 0.701 - SJR, Q1 - SJR Best Q) **A+**
3. Vasičkaninová, A. [40%] – Bakošová, M. [30%] – **Čirka, Ľ.** [10%] – Kalúz, M. [10%] – Oravec, J. [10%]: Robust Controller Design for a

Laboratory Heat Exchanger. *Applied Thermal Engineering*, zv. **128**, str. 1297–1309, 2018.
(2018: 4.026 - IF, Q1 - JCR Best Q, 1.769 - SJR, Q1 - SJR Best Q) **A+**

4. Freeling, F. [10%] – Alygizakis, N. [10%] – von der Ohe, P. C. [10%] – Slobodník, J. [10%] – Oswald, P. [10%] – Aalizadeh, R. [10%] – **Čirka, Ľ.** [10%] – Thomaidis, N. S. [10%] – Scheurer, M. [20%]: Occurrence and potential environmental risk of surfactants and their transformation products discharged by wastewater treatment plants. *Science of The Total Environment*, zv. **681**, str. 475–487, 2019. ISSN: 0048-9697
(2019: 6.551 - IF, Q1 - JCR Best Q, 1.661 - SJR, Q1 - SJR Best Q) **A+**

5. von der Ohe, P. C. [15%] – Freeling, F. [10%] – Alygizakis, N. [10%] – Slobodník, J. [10%] – Oswald, P. [10%] – Aalizadeh, R. [10%] – **Čirka, Ľ.** [15%] – Thomaidis, N. S. [10%] – Scheurer, M. [10%]: Explaining the rationale behind the risk assessment of surfactants by Freeling et al. (2019). *Science of The Total Environment*, zv. **721**, 2020. ISSN: 0048-9697
(2020: 7.963 - IF, Q1 - JCR Best Q, 1.795 - SJR, Q1 - SJR Best Q) **A+**

6. Lundy, L. [2%] – Fatta-Kassinos, D. [1%] – Slobodník, J. [1%] – Karaolia, P. [1%] – **Čirka, Ľ.** [8%] – Kreuzinger, N. [1%] – Castiglioni, S. [1%] – Bijlsma, L. [1%] – Dulio, V. [1%] – Deviller, G. [1%] – Lai, F. Y. [1%] – Alygizakis, N. [1%] – Barneo, M. [1%] – Baz-Lomba, J. A. [1%] – Béen, F. [1%] – Cíchová, M. [8%] – Conde-Pérez, K. [1%] – Covaci, A. [1%] – Donner, E. [1%] – Ficek, A. [6%] – Hassard, F. [1%] – Hedström, A. [1%] – Hernandez, F. [1%] – Janská, V. [6%] – Jellison, K. [1%] – Hofman, J. [1%] – Hill, K. [1%] – Hong, P. [1%] – Kasprzyk-Hordern, B. [1%] – Kolarević, S. [1%] – Krahulec, J. [6%] – Lambropoulou, D. [1%] – de Llanos, R. [1%] – Mackuľak, T. [8%] – Martinez-García, L. [1%] – Martínez, F. [1%] – Medema, G. [1%] – Micsinai, A. [1%] – Myrmel, M. [1%] – Nasser, M. [1%] – Niederstätter, H. [1%] – Nozal, L. [1%] – Oberacher, H. [1%] – Očenášková, V. [1%] – Ogorzaly, L. [1%] – Papadopoulos, D. [1%] – Peinado, B. [1%] – Pitkänen, T. [1%] – Poza, M. [1%] – Rumbo-Feal, S. [1%] – Sánchez, M. B. [1%] – Székely, A. J. [1%] – Soltysova, A. [6%] – Thomaidis, N. S. [1%] – Vallejo, J. [1%] –

van Nuijs, A. [1%] – Ware, V. [1%] – Viklander, M. [1%]: Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. *Water Research*, č. 1, zv. **199**, str. 1–7, 2021. ISSN: 0043-1354

(2021: 13.400 - IF, Q1 - JCR Best Q, 2.806 - SJR, Q1 - SJR Best Q) **A+**

7. Taha, H. M. [4%] – Aalizadeh, R. [1%] – Alygizakis, N. [1%] – Antignac, J. [1%] – Arp, H. P. H. [1%] – Bade, R. [1%] – Baker, N. [1%] – Belova, L. [1%] – Bijlsma, L. [1%] – Bolton, E. E. [1%] – Brack, W. [1%] – Celma, A. [1%] – Chen, W. [1%] – Cheng, T. [1%] – Chirsir, P. [1%] – **Čirka, Ľ.** [1%] – D'Agostino, L. A. [1%] – Feunang, Y. D. [1%] – Dulio, V. [1%] – Fischer, S. [1%] – Gago-Ferrero, P. [1%] – Galani, A. [1%] – Geueke, B. [1%] – Głowacka, N. [1%] – Glüge, J. [1%] – Groh, K. [1%] – Grosse, S. [1%] – Haglund, P. [1%] – Hakkinen, P. J. [1%] – Hale, S. E. [1%] – Hernandez, F. [1%] – Janssen, E. M. [1%] – Jonkers, T. [1%] – Kiefer, K. [1%] – Kirchner, M. [1%] – Koschorreck, J. [1%] – Krauss, M. [1%] – Krier, J. [1%] – Lamoree, M. H. [1%] – Letzel, M. [1%] – Letzel, T. [1%] – Li, Q. [1%] – Little, J. [1%] – Liu, Y. [1%] – Lunderberg, D. M. [1%] – Martin, J. W. [1%] – McEachran, A. D. [1%] – McLean, J. A. [1%] – Meier, C. [1%] – Meijer, J. [1%] – Menger, F. [1%] – Merino, C. [1%] – Muncke, J. [1%] – Muschket, M. [1%] – Neumann, M. [1%] – Neveu, V. [1%] – Ng, K. [1%] – Oberacher, H. [1%] – O'Brien, J. [1%] – Oswald, P. [1%] – Oswaldova, M. [1%] – Picache, J. A. [1%] – Postigo, C. [1%] – Ramirez, N. [1%] – Reemtsma, T. [1%] – Renaud, J. [1%] – Rostkowski, P. [1%] – Rüdel, H. [1%] – Salek, R. M. [1%] – Samanipour, S. [1%] – Scheringer, M. [1%] – Schliebner, I. [1%] – Schulz, W. [1%] – Schulze, T. [1%] – Sengl, M. [1%] – Shoemaker, B. A. [1%] – Sims, K. [1%] – Singer, H. [1%] – Singh, R. R. [1%] – Sumarah, M. [1%] – Thiessen, P. A. [1%] – Thomas, K. V. [1%] – Torres, S. [1%] – Trier, X. [1%] – Wezel, A. P. v. [1%] – Vermeulen, R. C. H. [1%] – Vlaanderen, J. J. [1%] – von der Ohe, P. C. [1%] – Wang, Z. [1%] – Williams, A. J. [1%] – Willighagen, E. L. [1%] – Wishart, D. S. [1%] – Zhang, J. [1%] – Thomaidis, N. S. [1%] – Hollender, J. [1%] – Slobodník, J. [1%] – Schymanski, E. L. [1%]: The NORMAN Suspect List Exchange

(NORMAN-SLE): facilitating European and worldwide collaboration on suspect screening in high resolution mass spectrometry. *Environmental Sciences Europe*, zv. **34**, 2022. ISSN: 2190-4707
(2022: 5.900 - IF, Q1 - JCR Best Q, 1.227 - SJR, Q1 - SJR Best Q) **A+**

8. Ng, K. [10%] – Alygizakis, N. [6%] – Nika, M. [6%] – Galani, A. [6%] – Oswald, P. [6%] – Oswaldova, M. [6%] – **Čirka, Ľ.** [6%] – Kunkel, U. [6%] – Macherius, A. [6%] – Sengl, M. [6%] – Mariani, G. [6%] – Tavazzi, S. [6%] – Skejo, H. [6%] – Gawlik, B. M. [6%] – Thomaidis, N. S. [6%] – Slobodník, J. [6%]: Wide-scope target screening characterization of legacy and emerging contaminants in the Danube River Basin by liquid and gas chromatography coupled with high-resolution mass spectrometry. *Water Research*, č. 119539, zv. **230**, 2023. ISSN: 0043-1354
(2022: 12.800 - IF, Q1 - JCR Best Q, 3.338 - SJR, Q1 - SJR Best Q) **A+**

9. Alygizakis, N. [10%] – Ng, K. [10%] – Maragou, N. [10%] – Alirai, S. [10%] – Behnisch, P. A. [10%] – Besselink, H. [10%] – Oswald, P. [10%] – **Čirka, Ľ.** [10%] – Thomaidis, N. S. [10%] – Slobodník, J. [10%]: Battery of In Vitro Bioassays: A Case Study for the Cost-Effective and Effect-Based Evaluation of Wastewater Effluent Quality. *Water*, č. 4, zv. **15**, 2023. ISBN: 2073-4441
(2022: 3.400 - IF, Q2 - JCR Best Q, 0.723 - SJR, Q1 - SJR Best Q) **A+**

10. Dulio, V. [2%] – Koschorreck, J. [2%] – van Bavel, B. [2%] – van den Brink, P. [2%] – Hollender, J. [2%] – Munthe, J. [2%] – Schlabach, M. [2%] – Aalizadeh, R. [2%] – Agerstrand, M. [2%] – Ahrens, L. [2%] – Allan, I. [2%] – Alygizakis, N. [2%] – Barcelo, D. [2%] – Bohlin-Nizzetto, P. [2%] – Boutroup, S. [2%] – Brack, W. [2%] – Bressy, A. [2%] – Christensen, J. H. [2%] – **Čirka, Ľ.** [2%] – Covaci, A. [2%] – Derksen, A. [2%] – Deviller, G. [2%] – Dingemans, M. M. L. [2%] – Engwall, M. [2%] – Fatta-Kassinos, D. [2%] – Gago-Ferrero, P. [2%] – Hernandez, F. [2%] – Herzke, D. [2%] – Hilscherova, K. [2%] – Hollert, H. [2%] – Junghans, M. [2%] – Kasprzyk-Hordern, B. [2%] – Keiter, S. [1%] – Kools, S. A. E. [1%] – Kruve, A. [1%] – Lambropoulou, D. [1%] – Lamoree, M. H. [1%] – Leonards, P. [1%] – Lopez, B. [1%] – de Alda,

M. L. [1%] – Lundy, L. [1%] – Makovinska, J. [1%] – Marigomez, I. [1%] – Martin, J. W. [1%] – McHugh, B. [1%] – Miege, C. [1%] – O'Toole, S. [1%] – Perkola, N. [1%] – Polesello, S. [1%] – Posthuma, L. [1%] – Rodriguez-Mozaz, S. [1%] – Roessink, I. [1%] – Rostkowski, P. [1%] – Ruedel, H. [1%] – Samanipour, S. [1%] – Schulze, T. [1%] – Schymanski, E. L. [1%] – Sengl, M. [1%] – Tarabek, P. [1%] – Ten Hulscher, D. [1%] – Thomaidis, N. S. [1%] – Togola, A. [1%] – Valsecchi, S. [1%] – van Leeuwen, S. [1%] – von der Ohe, P. C. [1%] – Vorkamp, K. [1%] – Vrana, B. [1%] – Slobodník, J. [1%]: The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. *Environmental Sciences Europe*, no. 1, vol. **32**, 2020. ISSN: 2190-4707
(2020: 5.893 - IF, Q1 - JCI Quartile) **A+**

ADD, Vedecké práce v domácich karentovaných časopisoch

1. Mészáros, A. [50%] – **Čirka, Ľ.** [40%] – Šperka, Ľ. [10%]: Intelligent Control of a pH Process. *Chemical Papers*, č. 2, zv. **63**, str. 180–187, 2009. ISSN: 0366-6352
   (2009: 0.791 - IF, 0.222 - SJR) **A**
2. Kvasnica, M. [70%] – Herceg, M. [10%] – **Čirka, Ľ.** [10%] – Fikar, M. [10%]: Model predictive control of a CSTR: A hybrid modeling approach. *Chemical papers*, č. 3, zv. **64**, str. 301–309, 2010.
   (2010: 1.096 - IF, Q3 - JCR Best Q, 0.288 - SJR, Q2 - SJR Best Q) **A**
3. Špánik, I. [30%] – **Čirka, Ľ.** [30%] – Májek, P. [40%]: Classification of wine distillates using multivariate statistical methods based on their direct GC-MS analysis. *Chemical Papers*, č. 3, zv. **69**, str. 395–401, 2015. ISSN: 0366-6352
   (2015: 1.326 - IF, Q3 - JCR Best Q) **A**

ADE, Vedecké práce v ostatných zahraničných časopisoch

1. Mészáros, A. [50%] – **Čirka, Ľ.** [50%]: Control Analysis for Processes with Internal Recycle. *Chemical Engineering Transactions*, č. 18, str. 731–736, 2009. ISSN: 1974-9791 **B**

2. Kalúz, M. [40%] – **Čirka, Ľ.** [30%] – Fikar, M. [30%]: Virtual and Remote Laboratories in Process of Control Education. *International Journal of Online Engineering*, č. 1, zv. **8**, str. 8–13, 2012. ISSN: 1861-2121
(2012: 0.173 - SJR, Q3 - SJR Best Q) **B**

ADF, Vedecké práce v ostatných domácich časopisoch

1. **Čirka, Ľ.** [50%] – Fikar, M. [30%] – Mikleš, J. [20%]: A deterministic LQ tracking problem: Parameterization of the controller and the plant. *Journal of Electrical Engineering*, č. 5-6, zv. **53**, str. 126–131, 2002. ISSN: 1335-3632 **B**

2. **Čirka, Ľ.** [70%] – Fikar, M. [30%]: Adaptívne LQ riadenie laboratórneho výmenníka tepla. *AT&P Journal*, č. 12, zv. **12**, str. 73–75, 2005. ISSN: 1335-2237

3. **Čirka, Ľ.** [60%] – Fikar, M. [40%]: A Toolbox for Recursive Identification of Dynamical Systems. *AT&P Journal Plus*, č. 2, str. 44–47, 2007. ISSN: 1336-5010

4. Herceg, M. [25%] – Kvasnica, M. [25%] – **Čirka, Ľ.** [25%] – Fikar, M. [25%]: Real-Time Predictive Control of a Servo Engine. *AT&P Journal Plus*, č. 2, str. 124–130, 2007. ISSN: 1336-5010

5. Uher, D. [25%] – **Čirka, Ľ.** [25%] – Kamenár, J. [25%] – Híveš, J. [25%]: A new type of Alumnium Smelting Baths-Electrical Conductivity. *Acta Chimica Slovaca*, č. 1, zv. **2**, str. 25–30, 2009. ISSN: 1337-978X

6. Vöröš, J. [34%] – Mikleš, J. [33%] – **Čirka, Ľ.** [33%]: A Comparision of Different EKF Approaches for Parameters Estimation. *AT&P Journal Plus*, č. 2, str. 31–35, 2009. ISSN: 1336-5010

7. Herceg, M. [40%] – Kvasnica, M. [30%] – Fikar, M. [20%] – **Čirka, Ľ.** [10%]: Real-time Control of a Thermo-Optical Device Using Polynomial Approximation of MPC Scheme. *AT&P Journal Plus*, č. 2, str. 36–42, 2009. ISSN: 1336-5010

8. Fikar, M. [50%] – **Čirka, Ľ.** [50%]: E-Learningový predmet Identifikácia. *Transfer inovácií*, č. 14, str. 9–12, 2009. ISSN: 1337-7094

9. Kalúz, M. [34%] – **Čirka, Ľ.** [33%] – Fikar, M. [33%]: Remote Experiment in Control Education. *AT&P Journal Plus*, č. 2, str. 50–54, 2011. ISSN: 1336-5010

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

1. Klaučo, M. [60%] – **Čirka, Ľ.** [35%] – Kukla, J. [5%]: Non-linear model predictive control of conically shaped liquid storage tanks. *Acta Chimica Slovaca*, č. 2, zv. **11**, str. 141–146, 2018. ISSN: 1337-978X **B**

AEC, Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách

1. Kvasnica, M. [60%] – Herceg, M. [20%] – **Čirka, Ľ.** [10%] – Fikar, M. [10%]: Time Optimal Control of Fuzzy Systems: a Parametric Programming Approach. V *Proceedings of the 28th IASTED Conference on Modelling, Identification and Control*, str. 640-805.pdf, 2009. ISBN: 978-0-88986-782-6 **B**
2. Rauová, I. [25%] – Kvasnica, M. [25%] – **Čirka, Ľ.** [25%] – Fikar, M. [25%]: Real-Time Model Predictive Control of a Laboratory Liquid Tanks System. V *Proceedings of the 16th Annual Conference Technical Computing Prague 2008*, Kongresové centrum ČVUT Praha, str. 89–95, 2008. ISBN: 978-80-7080-692-0 **B**
3. Kvasnica, M. [60%] – Herceg, M. [20%] – **Čirka, Ľ.** [10%] – Fikar, M. [10%]: Time-Optimal Control of Takagi-Sugeno Fuzzy Systems. V *Proceedings of the 10th European Control Conference*, Budapest, Hungary, str. 916–921, 2009. ISBN: 978-963-311-369-1 **B**
4. Mészáros, A. [25%] – **Čirka, Ľ.** [25%] – Bakošová, M. [25%] – Vasičkaninová, A. [25%]: On Stability and Controllability of Processes with Internal Recycle. *Professor Dr Jiří Klemeš: Celebration of the Jubilee in Science and Engineering, Chemical Engineering Transactions*, č. 45, str. 1735–1740, 2015. ISBN: 978-88-95608-36-5, ISSN: 2283-9216 **B**

5. Vasičkaninová, A. [50%] – Bakošová, M. [30%] – **Čirka, Ľ.** [10%] – Kalúz, M. [10%]: Robust Controller Design for a Heat Exchanger. *Chemical Engineering Transactions*, zv. **52**, str. 247–252, 2016. ISBN: 978-88-95608-42-6, ISSN: 2283-9216 **B**
6. Mikleš, J. [40%] – **Čirka, Ľ.** [20%] – Fikar, M. [20%] – Dermíšek, L. [20%]: A Decoupling LQ Controller for a Chemical Reactor. V *Proceedings of 7th International Carpathian Control Conference*, Ostrava, Czech Republic, 2006. **B**

AED, Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách

1. **Čirka, Ľ.** [60%] – Mikleš, J. [20%] – Fikar, M. [20%]: *A deterministic LQ tracking problem: Parameterization of the controller*, V *Selected Topics in Modelling and Control*, Editor(i): J. Mikleš, V. Veselý, Vydavateľstvo STU, Bratislava, zv. **3**, str. 33–37, 2002. ISBN: 80-227-1815-7 **B**
2. **Čirka, Ľ.** [60%] – Fikar, M. [30%] – Mikleš, J. [10%]: *A deterministic LQ tracking problem: Parameterization of the controller and the plant*, V *Selected Topics in Modelling and Control*, Editor(i): J. Mikleš, V. Veselý, Vydavateľstvo STU, Bratislava, zv. **3**, str. 38–44, 2002. ISBN: 80-227-1815-7 **B**
3. Mikleš, J. [34%] – **Čirka, Ľ.** [33%] – Fikar, M. [33%]: *Self-tuning LQ control of a chemical reactor*, V *Selected Topics in Modelling and Control*, Editor(i): J. Mikleš, V. Veselý, Vydavateľstvo STU, Bratislava, zv. **4**, str. 125–130, 2004. ISBN: 80-227-2094-1 **B**
4. Mikleš, J. [34%] – **Čirka, Ľ.** [33%] – Kožka, Š. [33%]: *PID Controller and LQ Control Design*, V *Selected Topics in Modelling and Control*, Editor(i): J. Mikleš, V. Veselý, Vydavateľstvo STU, Bratislava, zv. **2**, str. 19–23, 1999. ISBN: 80-227-1291-4 **B**
5. **Čirka, Ľ.** [60%] – Fikar, M. [20%] – Mikleš, J. [20%]: *Youla–Kučera Parameterisation Approach to LQ Tracking and Disturbance Rejection Problem*, V *Selected Topics in Modelling and Control*, Editor(i): Mikleš, J., Veselý, V., Slovak University of Technology Press, zv. **5**, str. 8–12, 2007. ISBN: 978-80-227-2703-7 **B**

6. **Čirka, Ľ.** [60%] – Fikar, M. [40%]: *A Dynamical System Identification Toolbox*, V *Selected Topics in Modelling and Control*, Editor(i): Mikleš, J., Veselý, V., Slovak University of Technology Press, zv. **5**, str. 58–62, 2007. ISBN: 978-80-227-2703-7 **B**

7. **Čirka, Ľ.** [34%] – Fikar, M. [33%] – Kvasnica, M. [33%]: Real-Time Adaptive Control of a Laboratory Fan Heater Using the Youla–Kučera Parameterisation. V *Proceedings IAM 2007 - Workshop on Informatics, Automation and Mathematics*, Editor(i): Fikar, M., Kolesárová, A., Bakošová, M., STU Press, str. 99–110, 2007. ISBN: 978-80-227-2751-8 **B**

8. Vöröš, J. [40%] – Mikleš, J. [40%] – **Čirka, Ľ.** [20%]: Parameter Estimation of Nonlinear Systems. *Acta Chimica Slovaca*, č. 1, zv. **1**, str. 309–320, 2008. ISBN: 978-80-227-2957-4 **B**

9. Fikar, M. [25%] – **Čirka, Ľ.** [25%] – Herceg, M. [25%] – Podmajerský, M. [25%]: E-learning in Course Operating Systems. Editor(i): Huba, M., V *Proceedings of 9th International Conference Virtual University 2008*, E-academia Slovaca, Bratislava, str. fid000091.pdf, 2008. ISBN: 978-80-89316-10-6 **B**

10. Herceg, M. [20%] – Mikleš, J. [20%] – Fikar, M. [20%] – Kvasnica, M. [20%] – **Čirka, Ľ.** [20%]: *Real-time 2DoF Control of a Quadruple Tank System with Integral Action*, V *Selected Topics in Modelling and Control*, Editor(i): Mikleš, J., Veselý, V., Slovak University of Technology Press, zv. **6**, str. 37–43, 2010. ISBN: 978-80-227-3318-2 **B**

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AFG, Abstrakty príspevkov zo zahraničných vedeckých konferencií

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2. Janáčová, A. [40%] – Májek, P. [10%] – **Čirka, Ľ.** [10%] – Špánik, I. [40%]: VOC composition of acacia honeys from various part of Europe. V *IUFoST, 15th World Congress of Food Science and Technology*, Cape Town, South Africa, 2010.
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AFH, Abstrakty príspevkov z domácich vedeckých konferencií

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BAB, Odborné knižné publikácie vydané v domácich vydavateľstvách

1. Fikar, M. [15%] – Malíková, Ľ. [15%] – Staroňová, K. [10%] – Vávrová, Ľ. [10%] – Beblavá, E. [10%] – **Čirka, Ľ.** [10%] – Bajúszová, Z. [10%] – Halák, P. [10%] – Hanout, Z. [10%]: *Výskum potrieb a možností online vzdelávania verejnej správy v stredoeurópskom kontexte a príručka pre lektorov Moodle 2*, FSEV UK v Bratislave, 2012. ISBN: 978-80-970360-3-4

BCI, Skriptá a učebné texty

1. Bakošová, M. [35%] – Fikar, M. [35%] – **Čirka, Ľ.** [30%]: *Základy automatizácie. Laboratórne cvičenia zo základov automatizácie*, Vydavateľstvo STU, Bratislava, 2003. ISBN: 80-227-1831-9

BEE, Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných)

1. **Čirka, Ľ.** [34%] – Kalúz, M. [33%] – Fikar, M. [33%]: On-line Remote Control of MATLAB Simulations Based on Asynchronous Communication Model. Editor(i): Petr Byron, V *21th Annual Conference Proceedings: Technical Computing Prague 2013*, ICT Prague Press, str. 1–6, 2013. ISBN: 978-80-7080-863-4, ISSN: 2336-1662

BFB Abstrakty odborných prác z domácich podujatí (konferencie...)

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Technology in Bratislava, Radlinského 9, SK812-37, Bratislava, Slovakia, str. 33–33, 2023. ISBN: 978-80-8208-098-1

FAI, Zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky, atlasy...)

1. Hrouzková, S. (zost.) [25%] – Hroboňová, K. (zost.) [25%] – **Čirka, Ľ.** (zost.) [25%] – Špánik, I. (zost.) [25%]: *Súčasný stav a perspektívy analytickej chémie v praxi: ACP 2022*, Editor(i): Hrouzková S., Hroboňová K., Čirka Ľ., Špánik I., Vydavateľstvo SPEKTRUM STU, Bratislava, 2022. ISBN: 978-80-227-5206-0

GAI, Správy

1. Kvasnica, M. [25%] – Herceg, M. [25%] – **Čirka, Ľ.** [25%] – Fikar, M. [25%]: Model Predictive Control of a CSTR. 2009.
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ABD	ACB	ADC	ADD	ADE	ADF	ADN	AEC	AED	AFC	AFD	AFG	AFH	BAB	BCI	BEE	BFB	FAI	GAI	
1	1	10	3	2	9	1	6	14	50	62	3	1	1	1	1	1	1	2	170

Dátum: 15.9.2023

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prof. Ing. Milan Polakovič, CSc.

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