

**L I S T A**  
**lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**Titlul tezei:** Knowledge transfer in multinational companies for increasing operational plant performance

**Coordonator ştiinţific:** Prof. univ. dr. Anca BORZA

**Domeniul:** Management

**Data susţinerii publice:** 07 decembrie 2017

**B. Cărţi si capitole în cărţi publicate în ultimii 10 ani**

1. Bálint Cs., Csala D., Csíki O., Györfy L., Nagy B., Rácz B., Szász L. (2022) Tudományos kutatás a közösség szolgálatában – a COVID-19: Romanian Economic Impact Monitor Projekt. In: Nagy B. (ed) Tiszteletkötet Vincze Mária professzor 80. születésnapjára. Editura TOP Invest, Odorheiu Secuiesc.
2. Rácz B., Csíki O. (2020) Innováció és vállalati versenyképesség Erdélyben. In: Benedek J. (ed) Erdély. Tér, gazdaság, társadalom. Editura Kolozsvári Egyetemi Kiadó, Cluj-Napoca.
3. Szász L., Scherrer M., Deflorin P., Sevrani K., Cico B., Besimi A., Vukatana K., Rácz B. (2017) The Role of ICT-Based Information Systems in Knowledge Transfer Within Multinational Companies. In: Lödding H., Riedel R., Thoben KD., von Cieminski G., Kiritsis D. (eds) Advances in Production Management Systems. The Path to Intelligent, Collaborative and Sustainable Manufacturing. APMS 2017. IFIP Advances in Information and Communication Technology, vol 513. Springer, Cham.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**ISI:**

1. Demeter K., Szász L., Rácz B., Györfy L. (2024) Fourth industrial (r)evolution? Investigating the use of technology bundles and performance implications, Journal of Manufacturing Technology Management
2. Boga B., Markó B., Rácz B. (2023) The economic and social determinants of vaccine hesitancy in Romania during the Covid-19 pandemic: a national study, Acta Oeconomica, 73(3), 419-442
3. Szász L., Bálint Cs., Csíki O., Nagy B-Z., Rácz B., Csala D., Harris L. (2022) The impact of COVID-19 on the evolution of online retail: The pandemic as a window of opportunity, Journal of Retailing and Consumer Services
4. Szász L., Csíki O., Rácz B. (2021) Sustainability management in global automotive industry: a theoretical model and survey study, International Journal of Production Economics
5. Szász L., Demeter K., Rácz B., Losonci D. (2020) Industry 4.0: a review and analysis of contingency and performance effects, Journal of Manufacturing Technology Management
6. Szász L., Rácz B., Scherrer M., Deflorin P. (2019) Disseminative capabilities and manufacturing plant roles in the knowledge network of MNCs, International Journal of Production Economics, 208, 294-304.

7. Szász L., Rácz B., Borza A., Benedek B. (2019) A comparative study of multinational subsidiaries and local companies in emerging economies: a manufacturing practice approach, *Acta Oeconomica*, 69 (S2), 105-127
8. Demeter K., Szász L., Rácz B. (2016) The impact of subsidiaries' internal and external integration on operational performance, *International Journal of Production Economics*, 182, 73-85.

#### **BDI:**

9. Sherrer M., Deflorin P., Szász L., Rácz B., Cardoso I-R., Fábíán I. (2020) Prerequisites for a beneficial knowledge transfer between manufacturing plants, *Vezetéstudomány*, 51 (11), 2-13.
10. Rácz B. (2015) Fedezetszámításos üzleti terv alkalmazása a vállalati növekedési stratégiák megalapozására, *Közgazdász Fórum*, 18 (124), 78-102.

#### **D. Lucrări publicate în ultimii 10 ani în alte reviste și în volume de conferințe cu referenți**

##### **- Selecție lucrări în volume de conferințe**

1. Szász L., Rácz B. (2023) An open science approach to research in business and economics: main economic events in 2023 through the lens of the Romanian Economic Monitor, ICEBM Conference, November 10, Cluj-Napoca
2. Csíki, O., Szász, L., Demeter, K., Losonci, D., Rácz, B. (2023) What is the role of human resources in the adoption of digital manufacturing technologies?, 30th EurOMA Conference, July 3-5, 2023, Leuven, Belgium.
3. Csíki O., Szász L., Rácz B. (2022) A systematic literature review on the interplay between Industry 4.0 technologies and human resources, 22nd International Working Seminar on Production Economics (IWSPE 2022), 21 – 25 februarie 2022, Innsbruck, Austria
4. Csíki O., Szász L., Rácz B., Benedek B. (2022) The impact of Industry 4.0 technologies on the human resources of multinational companies in the automotive sector. 29th EurOMA Conference 1 - 6 iunie 2022, Berlin, Germania
5. Csíki O., Szász L., Rácz B., Demeter K., Loconci D., Benedek B. (2022) Digitalization of manufacturing and the role of human resources: a case-based investigation, RESILIENT NETWORKS POMS International Conference 2022 Budapest, 29 iunie- 1 iulie, 2022, Budapest, Ungaria
6. Györfy L., Nagy M., Rácz B. (2021) Innovative leadership training models: the case of the GTK Business Consulting Club, ICEBM Conference, 12 noiembrie 2021, Babeş-Bolyai University, online
7. Demeter K., Szász L., Rácz B. (2021) Manufacturing technologies in the Industry 4.0 era: technology bundles and performance implications, 28th EurOMA Conference, 5-7 iulie 2021, University of Sussex, online
8. Szász L., Csíki O., Rácz B., Benedek B., Săplăcan Zs., Györfy L. (2020) The impact of Industry 4.0 technologies on the human resources of multinational companies in the automotive sector, 1st International Conference on the Automotive Industry, organized by the Centre for Economic and Regional Studies and Budapest Business School, 2020. august 31 - septembrie 1, Budapesta, Ungaria.
9. Szász L., Csíki O., Rácz B. (2020), A survey study on the implementation and performance implications of sustainability practices in the global automotive industry, 21th International Working Seminar on Production Economics, 2020. februarie 24-28, Innsbruck, Austria
10. Szász L., Rácz B., Borza A. (2019), Industry 4.0: The context and performance impact of implementing novel manufacturing technologies, 4th International Conference on Economics and Business Management, 2019. noiembrie 23, Cluj, România

11. Demeter K., Losonci D., Rácz B., Szász L. (2019), Industry 4.0 in practice: a case-study based analysis from Central and Eastern Europe, 26<sup>th</sup> International Annual Euroma Conference “Operations adding value to society”, 2019. iunie 17-19, Helsinki, Finlanda.
12. Szász L., Demeter K., Losonci D., Rácz B. (2018), Improving performance through Industry 4.0: the role of MNCs, plant size and country competitiveness, 5th AIB-CEE Chapter Annual Conference, 2018. septembrie 12-14, Cracovia, Polonia.
13. Demeter K., Losonci D., Rácz B., Szász L. (2018), Assessing Industry 4.0 readiness: A multi-country industry level analysis, 25th International EurOMA Conference „To Serve, to Produce and to Servitize in the Era of Networks, Big Data, and Analytics”, 2018. iunie 24-26, Budapesta, Ungaria.
14. Scherrer M., Deflorin P., Szász L., Rácz B. (2018), A plant’s development stage in knowledge transfer in manufacturing networks, 25th International EurOMA Conference „To Serve, to Produce and to Servitize in the Era of Networks, Big Data, and Analytics”, 2018. iunie 24-26, Budapesta, Ungaria.
15. Szász L., Rácz B., Scherrer M., Deflorin P. (2018), Strengthening plant position in multinational companies by transitioning towards knowledge sending roles, 20th International Working Seminar on Production Economics, 2018. februarie 19-23, Innsbruck, Austria.
16. Szász L., Rácz B., Scherrer M., Deflorin P. (2017) Strengthening plant position in multinational companies by transitioning towards knowledge sending roles, 23rd International Annual EurOMA Conference “Inspiring Operations Management”, 2017 iulie 1-5, Edinburgh, Scoția
17. Scherrer M., Deflorin P., Szász L., Rácz B. (2017) Prerequisites for a beneficial knowledge transfer between manufacturing plants, 23rd International Annual EurOMA Conference “Inspiring Operations Management”, 2017 iulie 1-5, Edinburgh, Scoția
18. Szász L., Scherrer M., Deflorin P., Sevrani K., Cico B., Besimi A., Vukatana K., Rácz B. (2017) The Role of ICT-Based Information Systems in Knowledge Transfer Within Multinational Companies, IFIP International Conference on Advances in Production Management Systems, 2017. septembrie 3-7, Hamburg, Germania
19. Rácz B., Györfy L. (2017) Improving internal and external knowledge transfer in multinational companies: case study evidence from Romania, 3rd International Conference on Economics and Business Management, 2017. octombrie 27, Cluj, România
20. Szász L., Rácz B. (2016) Do multinational companies bring new manufacturing best practices to emerging countries?, 5th World Conference on Production and Operations Management, 2016. septembrie 6-10, Havana, Cuba
21. Rácz B., Borza A. (2016) Increasing absorptive capacity to improve internal and external knowledge transfer in multinational companies: a multiple case study approach, The 10th International Management Conference “Challenges of Modern Management”, 2016. noiembrie 3-4, București, România
22. Szász L., Rácz B. (2016) Exploiting advanced manufacturing knowledge: a comparative study of multinational and local companies, The 10th International Management Conference “Challenges of Modern Management”, 2016. noiembrie 3-4, București, România
23. Demeter K., Szász L., Rácz B. (2015) The impact of subsidiaries’ internal and external integration on operational performance, 22nd International Annual EurOMA Conference “Operations Management for Sustainable Competitiveness”, 2015. iunie 26 - iulie 1, Neuchatel, Elveția.
24. Rácz B. (2015) Managementul cunostințelor în companii multinaționale: analiză teoretică, Conferința națională de diseminare a rezultatelor proiectului *Sprijin pnetru doctoranzi în domeniul științelor economice*, 2015. noiembrie 5-7, Poiana Brașov, România

25. Rácz B., Borza A (2015) Managing knowledge in multinational companies, 2nd International Conference on Economics and Business Management, 2015. noiembrie 20-21, Cluj, România
26. Rácz B., Borza A. (2015) An interdisciplinary perspective on managing knowledge in multinational companies: review and theoretical analysis, The 9th International Management Conference “Management Innovation for Competitive Advantage”, 2015. noiembrie 5 - 6., București, România

**E. Brevete obținute în întreaga activitate**

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**F. Proiecte de cercetare**

1. 2023 – 2026: Postdoctorand în proiectul de cercetare: “Strengthening the digitalization of business in Easter Europe”, proiect finanțat de NextGenerationEU, PNRR-III-C9-2022 -I8, cod proiect: 198/28.11.2022
2. 2020 – 2022: Director proiect în proiectul postdoctoral: “Difuzarea inovării tehnologice în companii multinaționale: consolidarea rolului filialelor române”, cod proiect: UEFISCDI PN-III-P1-1.1-PD-2019
3. 2020 – 2022: Cercetător științific III în proiectul Tinere Echipe: “A patra revoluție industrială: soluționarea provocărilor implementării tehnologiilor de tip Industrie 4.0 la companii de producție din Europa Centrală și de Est”, cod proiect: UEFISCDI PN-III-P1.1-TE-2019-1773
4. 2020 – prezent: cercetător în proiectul Facultății de Științe Economice și Gestiunea Afacerilor, UBB: Romanian Economic Monitor
5. 2020 – 2022: Cercetător postdoctoral în proiectul: “Studiu privind dezvoltarea sustenabilității industriei auto la nivel global. Universitatea Babeș-Bolyai, Școala Doctorală de Științe Economice și Gestiunea Afacerilor”, Proiectul: Cercetător, viitor antreprenor – Noua Generație, cod proiect: 123793/POCU
6. 2020 – prezent: Membru în proiectul Global Manufacturing Research Group Survey, VI. round, in colaborare cu 2020 Globe Project
7. 2018– 2020: Asistent cercetător în proiectul Tinere echipe: „Dezvoltarea competitivității furnizorilor locali ai companiilor multinaționale în țările în curs de dezvoltare – abordare prin prisma transferului de cunoștințe”, cod proiect: UEFISCDI PN-III-P1-1.1-TE-2016-0502
8. 2014 – 2019: Membru în proiectul IMSS VI – International Manufacturing Strategy Survey, VI. round. Politecnico di Milano (instituție coordonator) ([www.manufacturingstrategy.net](http://www.manufacturingstrategy.net)).
9. 2014– 2017: Asistent cercetător în proiectul: SNF Scopes Joint Research Project: „Strengthening the role of Eastern European Manufacturing Sites in Manufacturing Networks: The influence of Absorptive Capacities”. The University of Applied Sciences HTW Chur (instituție coordonator)

**Data:**

09.12.2024

**Semnătura:**

Lect. univ. dr. Rácz Béla-Gergely