

# Dagmar CagÃ¡Å^ovÃ¡

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

427  
citations

933447

10  
h-index

940533

16  
g-index

83  
all docs

83  
docs citations

83  
times ranked

332  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Cyber Industry Networks as an environment of the Industry 4.0 implementation. <i>Wireless Networks</i> , 2021, 27, 1649-1655.  | 3.0 | 37        |
| 2  | Knowledge and Skills of Industrial Employees and Managerial Staff for the Industry 4.0 Implementation. <i>Mobile Networks and Applications</i> , 2023, 28, 220-230.  | 3.3 | 34        |
| 3  | Utilization of Computer Simulation for Waste Separation Design as a Logistics System. <i>International Journal of Simulation Modelling</i> , 2018, 17, 583-596.  | 1.3 | 30        |
| 4  | Use of Digital Technologies for Intensifying Knowledge Sharing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4281.  | 2.5 | 29        |
| 5  | Implications for Optimisation of the Automotive Supply Chain Through Knowledge Management. <i>Procedia CIRP</i> , 2013, 7, 211-216.  | 1.9 | 20        |
| 6  | AHP method application in selection of appropriate material handling equipment in selected industrial enterprise. <i>Wireless Networks</i> , 2021, 27, 1683-1691.  | 3.0 | 18        |
| 7  | Importance of Internet of Things and Big Data in Building Smart City and What Would Be Its Challenges. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016, , 605-616. | 0.3 | 16        |
| 8  | On the Possibilities of Intelligence Implementation in Manufacturing: The Role of Simulation. <i>Applied Mechanics and Materials</i> , 2013, 309, 96-104.  | 0.2 | 14        |
| 9  | Perceived Organizational Performance in Recruiting and Retaining Employees with Respect to Different Generational Groups of Employees and Sustainable Human Resource Management. <i>Sustainability</i> , 2020, 12, 574.                      | 3.2 | 13        |
| 10 | The Analysis of the Slovak Citizens' Awareness about the Smart City Concept. <i>Mobile Networks and Applications</i> , 2019, 24, 2050-2058.  | 3.3 | 12        |
| 11 | Participation of all Employee Categories in Innovation Processes in Slovak Organisations. <i>Mobile Networks and Applications</i> , 2020, 25, 853-859.   | 3.3 | 11        |
| 12 | Application of AHP method for project selection in the context of sustainable development. <i>Wireless Networks</i> , 2022, 28, 893-902.   | 3.0 | 11        |
| 13 | Analysis of factors influencing the motivation of generations Y and Z to perform in the educational process. , 2017, , .   |     | 9         |
| 14 | Perceived Serviceability of Outplacement Programs as a Part of Sustainable Human Resource Management. <i>Sustainability</i> , 2019, 11, 4748.  | 3.2 | 9         |
| 15 | Smart City in Terms of Social Innovations and Human Capital. , 2017, , .   |     | 8         |
| 16 | Improvement of Processes for Obtaining Titanium Alloys for Manufacturing Parts with Design Elements. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 323-333.   | 0.4 | 8         |
| 17 | Mathematical Modeling as a Tool for Selecting a Rational Logistical Route in Multimodal Transport Systems. <i>EAI/Springer Innovations in Communication and Computing</i> , 2023, , 23-37.   | 1.1 | 8         |
| 18 | Intellectual Capital as a Key Factor in the Automotive Industry. <i>Mobile Networks and Applications</i> , 2019, 24, 2024-2031.  | 3.3 | 7         |

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|----|--|-----|-----------|
| 19 | Institutional Traps and Externalities of Sustainable Development of the Mining Country in Transition to Digital and Knowledge Economy. E3S Web of Conferences, 2020, 174, 04039.                             | 0.5 | 7         |
| 20 | Stages of the Virtual Technical Functions Concept Networks Development. EAI/Springer Innovations in Communication and Computing, 2021, , 119-135.  | 1.1 | 7         |
| 21 | Development of retail network on the example of three regional towns comparison in West Slovakia. Wireless Networks, 2022, 28, 903-913.  | 3.0 | 6         |
| 22 | Qualitative and quantitative analysis of social network data intended for brand management. Wireless Networks, 2021, 27, 1693-1700.  | 3.0 | 6         |
| 23 | Basic Stations Work Optimization in Cellular Communication Network. EAI/Springer Innovations in Communication and Computing, 2021, , 1-19.   | 1.1 | 6         |
| 24 | Powder Technology and Software Tools for Microstructure Control of AlCu <sub>2</sub> Samples. Lecture Notes in Mechanical Engineering, 2021, , 585-593.  | 0.4 | 6         |
| 25 | CHOSEN ASPECTS OF A SPATIALLY FUNCTIONAL ACCESSIBILITY BY PUBLIC TRANSPORT: THE CASE OF TRNAVA SELF-GOVERNING REGION (SLOVAKIA). Acta Logistica, 2020, 7, 121-130.   | 0.6 | 6         |
| 26 | Managerial Skills for Innovation Support. Mobile Networks and Applications, 2020, 25, 925-931.   | 3.3 | 5         |
| 27 | Knowledge Management Perception in Industrial Enterprises Within the CEE Region. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 66-75. | 0.3 | 5         |
| 28 | TRENDS IN AUTOMATIC LOGISTIC SYSTEMS AND LOGISTIC MARKET IN SLOVAKIA. Acta Logistica, 2018, 5, 7-14.   | 0.6 | 5         |
| 29 | SUSTAINABLE HUMAN RESOURCE MANAGEMENT AND GENERATIONS OF EMPLOYEES IN INDUSTRIAL ENTERPRISES. Acta Logistica, 2021, 8, 45-53.  | 0.6 | 4         |
| 30 | Joint Programming of Production-Maintenance Tasks: a Simulated Annealing-Based Method. International Journal of Simulation Modelling, 2019, 18, 666-677.   | 1.3 | 4         |
| 31 | Hybrid Iterative Local Search Heuristic with a Multiple Criteria Approach for the Vehicle Routing Problem. Advanced Materials Research, 0, 383-390, 4560-4567.   | 0.3 | 3         |
| 32 | The Level of Cognitive Abilities of Generational Group Y and Educational Process. , 2018, ,  |     | 3         |
| 33 | The Learning Styles of the Generation Group Z and Their Influence on Learning Results in the Learning Process. , 2018, ,   |     | 3         |
| 34 | Application of Exact Methods in Employee Selection in Accordance with the Age Management Concept. Mobile Networks and Applications, 2019, 24, 2038-2042.   | 3.3 | 3         |
| 35 | Smart Cities Concept for Historical Buildings. Mobile Networks and Applications, 2020, 25, 876-881.  | 3.3 | 3         |
| 36 | The Specifics of the Retail Network and Consumer Shopping Behaviour in Selected Regional Towns of West Slovakia. EAI/Springer Innovations in Communication and Computing, 2021, , 39-74.                     | 1.1 | 3         |

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|----|---|-----|-----------|
| 37 | LEANING OF PROCESSES AND IMPROVING THE WORKING CONDITIONS OF THE NEWLY CREATED WORKING ZONE. Acta Logistica, 2020, 7, 283-290.  | 0.6 | 3         |
| 38 | Selecting Network Protocols for Internet of Things Based Upon Innovation and Knowledge Management. Journal of Telecommunications System & Management, 2018, 07, .   | 0.1 | 3         |
| 39 | The influence of lifestyle on consumer behavior and decision making in research aimed at protein bars. Potravinarstvo, 0, 14, 318-327.  | 0.6 | 3         |
| 40 | The Virtual Laboratory of Program Control. , 2010, , .  |     | 3         |
| 41 | Industry 4.0 Future Prospects and Its Impact on Competencies. Lecture Notes in Mechanical Engineering, 2020, , 73-84.   | 0.4 | 3         |
| 42 | Sustainable mobility in urban conditions- multimodal approach for greener cities: insights from Slovakia. Wireless Networks, 0, , 1.  | 3.0 | 3         |
| 43 | A Multicultural Competencies Approach to Developing Human Capital Management. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2012, 20, 157-164.                         | 0.4 | 2         |
| 44 | Eco-Innovation in Manufacturing Process in Automotive Industry. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 533-540.                                   | 0.3 | 2         |
| 45 | The Smart Logistics. EAI/Springer Innovations in Communication and Computing, 2020, , 277-292.  | 1.1 | 2         |
| 46 | Socio-Economics Aspects of Housing Quality in the Context of Energy Poverty. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 617-626.                      | 0.3 | 2         |
| 47 | Progress in the use of tools for the selection of employees at the time of digitizing. EAI Endorsed Transactions on Scalable Information Systems, 2021, 8, 170757.  | 0.8 | 2         |
| 48 | Sustainable Urban Mobility – Multimodality as a Chance for Greener Cities: Evidence from Slovakia. EAI/Springer Innovations in Communication and Computing, 2023, , 107-118.  | 1.1 | 2         |
| 49 | Developing of Organisational Culture as a Presumption of Industrial Enterprise Performance Optimization. Advanced Materials Research, 0, 734-737, 3348-3351.  | 0.3 | 1         |
| 50 | The suggestion for newspapers application improvement. , 2017, , .  |     | 1         |
| 51 | Editorial: Current Challenges of Smart Cities and Internet of Things. Mobile Networks and Applications, 2019, 24, 2014-2015.  | 3.3 | 1         |
| 52 | Multicultural Collaborative Team Working as a Driver for Innovation in the Slovak Automotive Sector. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 9-15. | 0.3 | 1         |
| 53 | Economic Aspects of Land Grabbing in the Connection with Development Projects. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 150-157.                    | 0.3 | 1         |
| 54 | Age Discrimination, Release of Employees and Sustainable Law Strategy in Industrial Enterprises. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2019, 27, 25-33.        | 0.4 | 1         |

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|----|--|-----|-----------|
| 55 | Tools of Smart Governance in Cities of the Slovak Republic. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 369-387.      | 0.3 | 1         |
| 56 | Gender Diversity Research in the Slovak Republic and the Participation of Women in Top Management Positions in Science and Research. Advanced Materials Research, 2012, 482-484, 136-148.      | 0.3 | 0         |
| 57 | Development of Managerial Creativity. Advanced Materials Research, 0, 482-484, 996-999.  | 0.3 | 0         |
| 58 | Competency Models Utilization in Industrial Enterprises. Advanced Materials Research, 0, 655-657, 2226-2229.   | 0.3 | 0         |
| 59 | Smart Housing in Sustainable Development. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 52-59.                          | 0.3 | 0         |
| 60 | Dual education and its importance in the field of age management in industrial enterprises. , 2017, , .  |     | 0         |
| 61 | Generational Groups of Employees and the Importance of Their Education in the Context of the Age Management Concept. , 2018, , .   |     | 0         |
| 62 | Preliminary Qualitative Analysis and Implications of Wood Products Perception on Social Media. Drvna Industrija, 2020, 71, 295-300.  | 0.6 | 0         |
| 63 | Editorial: Smart Solutions with Focus on Innovations from Various Perspectives. Mobile Networks and Applications, 2020, 25, 833-835.   | 3.3 | 0         |
| 64 | Creativity of Different Managerial Generation Groups in the Slovak Industrial Enterprises. EAI/Springer Innovations in Communication and Computing, 2021, , 101-117.                           | 1.1 | 0         |
| 65 | The Analysis of Different Materials Used for an Electric Car Charger Shell Under the Wind Influence. EAI/Springer Innovations in Communication and Computing, 2021, , 153-160.                 | 1.1 | 0         |
| 66 | Utilization of Exact Methods within Decision-making Process in Innovation Management - Application of AHP Method. , 2017, , .  |     | 0         |
| 67 | Risk analysis causing downtimes in production process of hot rolling mill. , 2017, , .   |     | 0         |
| 68 | COULD ACCELERATORS AND EQUITY CROWDFUNDING COMBINE TO IMPROVE ACCESS TO FINANCE FOR EARLY STAGE STARTUPS?. Acta Logistica, 2018, 5, 59-63.   | 0.6 | 0         |
| 69 | Wpływ azbestu stosowanego w przemyśle budowlanym na jakość powietrza. Przemysł Chemiczny, 2018, 1, 140-145.  | 0.0 | 0         |
| 70 | Risk Analysis Causing Downtimes in Production Process of Hot Rolling Mill. EAI/Springer Innovations in Communication and Computing, 2019, , 337-344.   | 1.1 | 0         |
| 71 | Architecture and Network Design for Industrial Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 72-81. | 0.3 | 0         |
| 72 | Regional Brand in Slovak Tourism. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 388-411.                                | 0.3 | 0         |

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|----|--|-----|-----------|
| 73 | Development of Employee Extent Commitment in Innovation Processes in Slovak Organisations. EAI/Springer Innovations in Communication and Computing, 2020, , 261-275.                     | 1.1 | 0         |
| 74 | Network Protocols and Connectivity for Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 163-171. | 0.3 | 0         |