

# 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	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
2	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
3	Sustainable Urban Mobility – Multimodality as a Chance for Greener Cities: Evidence from Slovakia. <i>EAI/Springer Innovations in Communication and Computing</i> , 2023, , 107-118.	1.1	2
4	Development of retail network on the example of three regional towns comparison in West Slovakia. <i>Wireless Networks</i> , 2022, 28, 903-913.	3.0	6
5	Application of AHP method for project selection in the context of sustainable development. <i>Wireless Networks</i> , 2022, 28, 893-902.	3.0	11
6	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
7	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
8	Cyber Industry Networks as an environment of the Industry 4.0 implementation. <i>Wireless Networks</i> , 2021, 27, 1649-1655.	3.0	37
9	Qualitative and quantitative analysis of social network data intended for brand management. <i>Wireless Networks</i> , 2021, 27, 1693-1700.	3.0	6
10	Basic Stations Work Optimization in Cellular Communication Network. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 1-19.	1.1	6
11	Powder Technology and Software Tools for Microstructure Control of AlCu <sub>2</sub> Samples. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 585-593.	0.4	6
12	The Specifics of the Retail Network and Consumer Shopping Behaviour in Selected Regional Towns of West Slovakia. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 39-74.	1.1	3
13	SUSTAINABLE HUMAN RESOURCE MANAGEMENT AND GENERATIONS OF EMPLOYEES IN INDUSTRIAL ENTERPRISES. <i>Acta Logistica</i> , 2021, 8, 45-53.	0.6	4
14	Creativity of Different Managerial Generation Groups in the Slovak Industrial Enterprises. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 101-117.	1.1	0
15	Stages of the Virtual Technical Functions Concept Networks Development. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 119-135.	1.1	7
16	The Analysis of Different Materials Used for an Electric Car Charger Shell Under the Wind Influence. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 153-160.	1.1	0
17	Progress in the use of tools for the selection of employees at the time of digitizing. <i>EAI Endorsed Transactions on Scalable Information Systems</i> , 2021, 8, 170757.	0.8	2
18	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

#	ARTICLE	IF	CITATIONS
19	Preliminary Qualitative Analysis and Implications of Wood Products Perception on Social Media. <i>Drvna Industrija</i> , 2020, 71, 295-300.	0.6	0
20	Institutional Traps and Externalities of Sustainable Development of the Mining Country in Transition to Digital and Knowledge Economy. <i>E3S Web of Conferences</i> , 2020, 174, 04039.	0.5	7
21	Smart Cities Concept for Historical Buildings. <i>Mobile Networks and Applications</i> , 2020, 25, 876-881.	3.3	3
22	Managerial Skills for Innovation Support. <i>Mobile Networks and Applications</i> , 2020, 25, 925-931.	3.3	5
23	Participation of all Employee Categories in Innovation Processes in Slovak Organisations. <i>Mobile Networks and Applications</i> , 2020, 25, 853-859.	3.3	11
24	Use of Digital Technologies for Intensifying Knowledge Sharing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4281.	2.5	29
25	Editorial: Smart Solutions with Focus on Innovations from Various Perspectives. <i>Mobile Networks and Applications</i> , 2020, 25, 833-835.	3.3	0
26	The Smart Logistics. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , 277-292.	1.1	2
27	LEANING OF PROCESSES AND IMPROVING THE WORKING CONDITIONS OF THE NEWLY CREATED WORKING ZONE. <i>Acta Logistica</i> , 2020, 7, 283-290.	0.6	3
28	CHOSEN ASPECTS OF A SPATIALLY FUNCTIONAL ACCESSIBILITY BY PUBLIC TRANSPORT: THE CASE OF TRNAVA SELF-GOVERNING REGION (SLOVAKIA). <i>Acta Logistica</i> , 2020, 7, 121-130.	0.6	6
29	Architecture and Network Design for Industrial Internet of Things. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 72-81.	0.3	0
30	Regional Brand in Slovak Tourism. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 388-411.	0.3	0
31	Industry 4.0 Future Prospects and Its Impact on Competencies. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 73-84.	0.4	3
32	Development of Employee Extent Commitment in Innovation Processes in Slovak Organisations. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , 261-275.	1.1	0
33	Tools of Smart Governance in Cities of the Slovak Republic. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 369-387.	0.3	1
34	Network Protocols and Connectivity for Internet of Things. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 163-171.	0.3	0
35	Perceived Serviceability of Outplacement Programs as a Part of Sustainable Human Resource Management. <i>Sustainability</i> , 2019, 11, 4748.	3.2	9
36	Application of Exact Methods in Employee Selection in Accordance with the Age Management Concept. <i>Mobile Networks and Applications</i> , 2019, 24, 2038-2042.	3.3	3

#	ARTICLE	IF	CITATIONS
37	Editorial: Current Challenges of Smart Cities and Internet of Things. Mobile Networks and Applications, 2019, 24, 2014-2015.	3.3	1
38	Intellectual Capital as a Key Factor in the Automotive Industry. Mobile Networks and Applications, 2019, 24, 2024-2031.	3.3	7
39	The Analysis of the Slovak Citizens' Awareness about the Smart City Concept. Mobile Networks and Applications, 2019, 24, 2050-2058.	3.3	12
40	Joint Programming of Production-Maintenance Tasks: a Simulated Annealing-Based Method. International Journal of Simulation Modelling, 2019, 18, 666-677.	1.3	4
41	Risk Analysis Causing Downtimes in Production Process of Hot Rolling Mill. EAI/Springer Innovations in Communication and Computing, 2019, , 337-344.	1.1	0
42	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
43	Generational Groups of Employees and the Importance of Their Education in the Context of the Age Management Concept. , 2018, , .		0
44	The Level of Cognitive Abilities of Generational Group Y and Educational Process. , 2018, , .		3
45	The Learning Styles of the Generation Group Z and Their Influence on Learning Results in the Learning Process. , 2018, , .		3
46	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
47	TRENDS IN AUTOMATIC LOGISTIC SYSTEMS AND LOGISTIC MARKET IN SLOVAKIA. Acta Logistica, 2018, 5, 7-14.	0.6	5
48	Utilization of Computer Simulation for Waste Separation Design as a Logistics System. International Journal of Simulation Modelling, 2018, 17, 583-596.	1.3	30
49	Selecting Network Protocols for Internet of Things Based Upon Innovation and Knowledge Management. Journal of Telecommunications System & Management, 2018, 07, .	0.1	3
50	COULD ACCELERATORS AND EQUITY CROWDFUNDING COMBINE TO IMPROVE ACCESS TO FINANCE FOR EARLY STAGE STARTUPS?. Acta Logistica, 2018, 5, 59-63.	0.6	0
51	Wpływ azbestu stosowanego w przemyśle budowlanym na jakość powietrza. Przemysł Chemiczny, 2018, 1, 140-145.	0.0	0
52	Dual education and its importance in the field of age management in industrial enterprises. , 2017, , .		0
53	The suggestion for newspapers application improvement. , 2017, , .		1
54	Analysis of factors influencing the motivation of generations Y and Z to perform in the educational process. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
55	Smart City in Terms of Social Innovations and Human Capital. , 2017, , .		8
56	Utilization of Exact Methods within Decision-making Process in Innovation Management - Application of AHP Method. , 2017, , .		0
57	Risk analysis causing downtimes in production process of hot rolling mill. , 2017, , .		0
58	Importance of Internet of Things and Big Data in Building Smart City and What Would Be Its Challenges. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 605-616.	0.3	16
59	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
60	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
61	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
62	Smart Housing in Sustainable Development. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 52-59.	0.3	0
63	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
64	Implications for Optimisation of the Automotive Supply Chain Through Knowledge Management. Procedia CIRP, 2013, 7, 211-216.	1.9	20
65	On the Possibilities of Intelligence Implementation in Manufacturing: The Role of Simulation. Applied Mechanics and Materials, 2013, 309, 96-104.	0.2	14
66	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
67	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
68	The Virtual Laboratory of Program Control. , 2010, , .		3
69	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
70	Development of Managerial Creativity. Advanced Materials Research, 0, 482-484, 996-999.	0.3	0
71	Competency Models Utilization in Industrial Enterprises. Advanced Materials Research, 0, 655-657, 2226-2229.	0.3	0
72	Developing of Organisational Culture as a Presumption of Industrial Enterprise Performance Optimization. Advanced Materials Research, 0, 734-737, 3348-3351.	0.3	1

#	ARTICLE	IF	CITATIONS
73	The influence of lifestyle on consumer behavior and decision making in research aimed at protein bars. <i>Potravinárstvo</i> , 0, 14, 318-327.	0.6	3
74	Sustainable mobility in urban conditions- multimodal approach for greener cities: insights from Slovakia. <i>Wireless Networks</i> , 0, , 1.	3.0	3