

# Marcin Hernes

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

275  
citations

1307594

7  
h-index

1199594

12  
g-index

74  
all docs

74  
docs citations

74  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear and nonlinear shelf space allocation problems with vertical and horizontal bands. Journal of Economics and Management, 2022, 44, 119-141.	0.4	0
2	A Conceptual Framework of Intelligent Management Control System for Higher Education. IFIP Advances in Information and Communication Technology, 2021, , 35-47.	0.7	0
3	Cognitive Agent for the Quality Management in Flexographic Printing on Packages. Advances in Human Resources Management and Organizational Development Book Series, 2021, , 308-324.	0.3	0
4	A Heuristic Approach to Shelf Space Allocation Decision Support Including Facings, Capping, and Nesting. Symmetry, 2021, 13, 314.	2.2	7
5	Using the fmea method as a response to a customer complaint: a case study. Revista GestÃ£o & Tecnologia, 2021, 21, 73-88.	0.3	1
6	Simulated Annealing Hyper-Heuristic for a Shelf Space Allocation on Symmetrical Planograms Problem. Symmetry, 2021, 13, 1182.	2.2	7
7	Genetic Algorithm for the Retailers' Shelf Space Allocation Profit Maximization Problem. Applied Sciences (Switzerland), 2021, 11, 6401.	2.5	3
8	Machine learning for liquidity prediction on Vietnamese stock market. Procedia Computer Science, 2021, 192, 3590-3597.	2.0	3
9	Financial Time Series Forecasting: Comparison of Traditional and Spiking Neural Networks. Procedia Computer Science, 2021, 192, 5023-5029.	2.0	9
10	Reduction of Information Asymmetry in the Used Car Market Using the Random Forest Method. , 2021, , .		2
11	Hardware Components of the Monitoring System of Soil and Groundwater Contamination by Harmful Emissions From Vehicles. , 2021, , .		0
12	The Use of IT Solutions Offered in the Public Cloud to Reduce the City's Carbon Footprint. Energies, 2021, 14, 6389.	3.1	4
13	Food Demand Prediction Using the Nonlinear Autoregressive Exogenous Neural Network. IEEE Access, 2021, 9, 146123-146136.	4.2	8
14	Deep learning for grape variety recognition. Procedia Computer Science, 2020, 176, 1211-1220.	2.0	33
15	Liquidity prediction on Vietnamese stock market using deep learning. Procedia Computer Science, 2020, 176, 2050-2058.	2.0	6
16	Financial decisions support using the supervised learning method based on random forests. Procedia Computer Science, 2020, 176, 2802-2811.	2.0	5
17	A Genetic Algorithm for the Shelf-Space Allocation Problem with Vertical Position Effects. Mathematics, 2020, 8, 1881.	2.2	4
18	Gesture Detection in Digital Image Processing based on the Use of Convolutional Neuronal Networks. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	The Functionalities of Cognitive Technology in Management Control System. Lecture Notes in Computer Science, 2020, , 230-240.	1.3	2
20	The Systemsâ€™ Integration Conception for Transactional Costs Reduction in Polish Financial Companies. Studies in Computational Intelligence, 2020, , 397-408.	0.9	1
21	Data Quality Management in ERP Systems â€“ Accounting Case. Communications in Computer and Information Science, 2020, , 353-362.	0.5	0
22	Supporting Investment Decisions Based on Cognitive Technology. Studies in Computational Intelligence, 2020, , 41-59.	0.9	3
23	Reduction of a Forrester effect in a supply chain management system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7325-7335.	1.4	1
24	An Application a Two-Level Determination Consensus Method in a Multi-agent Financial Decisions Support System. Lecture Notes in Computer Science, 2019, , 453-463.	1.3	0
25	Definition of a Framework for Acquiring and Acquisition Subprocesses in a Collective Knowledge Processing in the Integrated Management Information System. Vietnam Journal of Computer Science, 2019, 06, 257-272.	1.2	0
26	Consensus Theory for Cognitive Agentsâ€™ Unstructured Knowledge Conflicts Resolving in Management Information Systems. Lecture Notes in Computer Science, 2019, , 1-119.	1.3	5
27	Data Sources for Environmental Life Cycle Costing in Network Organizations. Lecture Notes in Computer Science, 2019, , 394-405.	1.3	2
28	The Agentsâ€™ Selection Methods for a Consensus-Based Investment Strategy in a Multi-agent Financial Decisions Support System. Communications in Computer and Information Science, 2019, , 60-67.	0.5	0
29	Agentsâ€™ Knowledge Conflictsâ€™ Resolving in Cognitive Integrated Management Information System â€“ Case of Budgeting Module. Lecture Notes in Computer Science, 2018, , 297-308.	1.3	0
30	A New Distance Function for Consensus Determination in Decision Support Systems. Lecture Notes in Computer Science, 2018, , 155-165.	1.3	1
31	Knowledge Representation of Cognitive Agents Processing the Economy Events. Lecture Notes in Computer Science, 2018, , 392-401.	1.3	3
32	Towards Big Management. Studies in Computational Intelligence, 2017, , 197-209.	0.9	4
33	Collective Intelligence Supporting Trading Decisions on FOREX Market. Lecture Notes in Computer Science, 2017, , 113-122.	1.3	8
34	DATA QUALITY IN INTEGRATED MANAGEMENT INFORMATION SYSTEMS. Prace Naukowe Uniwersytetu Ekonomicznego We WrocÅawiu, 2017, , 167-175.	0.1	1
35	External Environment Scanning Using Cognitive Agents. Lecture Notes in Computer Science, 2017, , 342-350.	1.3	1
36	Knowledge Integration in a Manufacturing Planning Module of a Cognitive Integrated Management Information System. Lecture Notes in Computer Science, 2017, , 34-43.	1.3	4

#	ARTICLE	IF	CITATIONS
37	HUMAN RESOURCES MANAGEMENT SUBSYSTEM AS A SOURCE OF INFORMATION FOR THE NEEDS OF ACCOUNTING MANAGEMENT AND CONTROLLING. Prace Naukowe Uniwersytetu Ekonomicznego We Wrocławiu, 2017, , 82-93.	0.1	0
38	Verification of use The cognitive agents for users'™ opinions analysis related to e-banking. Information System in Management, 2017, 6, 97-108.	0.1	0
39	A Method for Size and Shape Estimation in Visual Inspection for Grain Quality Control in the Rice Identification Collaborative Environment Multi-agent System. Lecture Notes in Computer Science, 2016, , 205-217.	1.3	2
40	Application of the consensus method in a multiagent financial decision support system. Information Systems and E-Business Management, 2016, 14, 167-185.	3.7	27
41	Fuzzy Logic as Agents'™ Knowledge Representation in A-Trader System. Lecture Notes in Business Information Processing, 2016, , 109-124.	1.0	3
42	Multi-agent e-finance decision support system. Ekonomiczne Problemy Usług, 2016, 122, 177-186.	0.1	0
43	Using Cognitive Agents for Unstructured Knowledge Management in a Business Organization'™s Integrated Information System. Lecture Notes in Computer Science, 2016, , 344-353.	1.3	2
44	Knowledge integration in a multi-agent e-finance decision support system. Ekonomiczne Problemy Usług, 2016, 123, 69-78.	0.1	0
45	An unstructured knowledge processing in e-banking. Ekonomiczne Problemy Usług, 2016, 122, 247-258.	0.1	0
46	KOGNITYWNY ZINTEGROWANY SYSTEM INFORMATYCZNY ZARZĄDZANIA WSPOMAGAJĄCY BIG MANAGEMENT. Zeszyty Naukowe Politechniki Częstochowskiej Zarządzanie, 2016, 23, 7-15.	0.1	1
47	The automatic summarization of text documents in the Cognitive Integrated Management Information System. , 2015, , .		7
48	Information extraction methods for text documents in a Cognitive Integrated Management Information System. , 2015, , .		2
49	Fuzzy logic in the multi-agent financial decision support system. , 2015, , .		2
50	The Implementation of the Perceptual Memory of Cognitive Agents in Integrated Management Information System. Studies in Computational Intelligence, 2015, , 281-290.	0.9	7
51	Deriving Consensus for Term Frequency Matrix in a Cognitive Integrated Management Information System. Lecture Notes in Computer Science, 2015, , 503-512.	1.3	2
52	A Model of a Multiagent Early Warning System for Crisis Situations in Economy. Lecture Notes in Computer Science, 2015, , 47-56.	1.3	2
53	Identification of the knowledge conflicts'™ sources in the architecture of cognitive agents supporting decisions-making process. , 2014, , .		2
54	A Cognitive Integrated Management Support System for Enterprises. Lecture Notes in Computer Science, 2014, , 252-261.	1.3	15

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55	Weryfikacja algorytmu consensusu w systemach zarządzania łańcuchem dostaw. Informatyka Ekonomiczna, 2014, , .	0.1	0
56	Analiza wydajności agentów podejmujących decyzje kupna-sprzedaży w systemie wieloagentowym A-TRADER. Informatyka Ekonomiczna, 2014, , .	0.1	0
57	Wykorzystanie kognitywnych programów agentowych we wspomaganiu procesu zarządzania produkcją... Informatyka Ekonomiczna, 2014, , .	0.1	0
58	Design and evaluation of trading strategy in a-Trader system. Informatyka Ekonomiczna, 2014, 3, .	0.1	0
59	Istota funkcji odległości w wyznaczaniu consensusu w systemach wspomagania decyzji. Econometrics, 2014, 2, .	0.1	0
60	Sources of knowledge conflicts in cognitive agents' architecture in DSS. Informatyka Ekonomiczna, 2014, 3, .	0.1	0
61	Definicja struktury reprezentacji wiedzy w podsystemie controllingu zintegrowanego systemu informatycznego zarządzania. Econometrics, 2014, , .	0.1	0
62	Value of Information in Distributed Decision Support Systems. , 2010, , 153-176.		3
63	Performance evaluation of decision-making agents in the multi-agent system. , 0, , .		11
64	Deep Learning for Financial Time Series Forecasting in A-Trader System. , 0, , .		23
65	Deep Learning for Customer Churn Prediction in E-Commerce Decision Support. Business Information Systems, 0, , 3-12.	0.0	9
66	Knowledge integration in multi-agent decision support system for financial e-services. , 0, , .		2
67	Fundamental analysis in the multi-agent trading system. , 0, , .		7
68	The semantic method for agents' knowledge representation in the Cognitive Integrated Management Information System. , 0, , .		2
69	Knowledge representation in controlling sub-system. , 0, , .		1
70	Performance evaluation of trading strategies in multi-agent systems - Case of A-Trader. , 0, , .		2