

Christian Stummer

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

1,887
citations

19
h-index

43
g-index

79
ext. papers

2,143
ext. citations

2.3
avg, IF

4.95
L-index

#	Paper	IF	Citations
72	An agent-based market simulation for enriching innovation management education. <i>Central European Journal of Operations Research</i> , 2021 , 29, 143-161	2.2	5
71	Business Information Through Choice-Based Conjoint Analysis: The Case of Electric Vehicle Home Charging. <i>Studies in Systems, Decision and Control</i> , 2021 , 357-379	0.8	
70	Agent-based modeling of new product market diffusion: an overview of strengths and criticisms. <i>Annals of Operations Research</i> , 2021 , 305, 425-447	3.2	2
69	Beaming market simulation to the future by combining agent-based modeling with scenario analysis. <i>Journal of Business Economics</i> , 2021 , 91, 1469	2.3	0
68	Preface: The modeling and simulation of complex systems. <i>Annals of Operations Research</i> , 2021 , 305, 423-424	3.2	1
67	Is more automation always better An empirical study of customers' willingness to use autonomous vehicle functions. <i>International Journal of Automotive Technology and Management</i> , 2020 , 20, 1	1.1	5
66	Go Big or Go Home? Simulating the Effect of Publishing Adopter Numbers for Two-Sided Platforms. <i>Springer Proceedings in Complexity</i> , 2020 , 195-199	0.3	
65	Cooperation Between Performance and Innovation Engine: An Exploratory Study of Digital Innovation Labs in Family Business. <i>Lecture Notes in Computer Science</i> , 2020 , 249-259	0.9	
64	To trust or not to trust smart consumer products: a literature review of trust-building factors. <i>Management Review Quarterly</i> , 2020 , 70, 391-420	2.6	8
63	How the Traditional Industrial Manufacturer Miele Established a New Smart Home Division. <i>Research Technology Management</i> , 2020 , 63, 29-34	1.6	3
62	Traditional versus fast fashion supply chains in the apparel industry: an agent-based simulation approach. <i>Annals of Operations Research</i> , 2020 , 305, 487	3.2	7
61	Stimulating academic patenting in a university ecosystem: an agent-based simulation approach. <i>Journal of Technology Transfer</i> , 2019 , 44, 434-461	4.4	21
60	Platform Launch Strategies. <i>Business and Information Systems Engineering</i> , 2018 , 60, 167-173	3.8	38
59	Stakes or garlic? Studying the emergence of dominant designs through an agent-based model of a vampire economy. <i>Central European Journal of Operations Research</i> , 2018 , 26, 373-394	2.2	4
58	Der Einfluss der Produktintelligenz auf den Konsumentennutzen und die Produktnutzung. <i>Schmalenbachs Zeitschrift Fur Betriebswirtschaftliche Forschung</i> , 2018 , 70, 315-349	0.2	
57	Simulating the Diffusion of Competing Multi-generation Technologies: An Agent-Based Model and Its Application to the Consumer Computer Market in Germany. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2018 , 569-574	0.1	2
56	Agentenbasierte Marktsimulation Ein Spezialwerkzeug. <i>Intelligente Technische Systeme, Lo sungen Aus Dem Spitzencluster I³ OWL</i> , 2018 , 125-142	0.1	1

55	Management science in the era of smart consumer products: challenges and research perspectives. <i>Central European Journal of Operations Research</i> , 2017 , 25, 203-230	2.2	46
54	WITH A LITTLE HELP FROM MY CUSTOMERS: THE INFLUENCE OF CUSTOMER EMPOWERMENT ON CONSUMERS' PERCEPTIONS OF WELL-ESTABLISHED BRANDS. <i>International Journal of Innovation Management</i> , 2017 , 21, 1750048	1.5	7
53	Cross-Over Between Scenario Analysis and Agent-Based Market Simulation for Technology Planning 2017 ,		2
52	Marketing Management for Consumer Products in the Era of the Internet of Things. <i>Advances in Internet of Things</i> , 2017 , 07, 47-70	2.6	12
51	Web accessibility implementation in private sector organizations: motivations and business impact. <i>Universal Access in the Information Society</i> , 2016 , 15, 249-260	2.5	12
50	From Web Analytics to Product Analytics: The Internet of Things as a New Data Source for Enterprise Information Systems. <i>Lecture Notes in Business Information Processing</i> , 2016 , 145-155	0.6	
49	Selecting security control portfolios: a multi-objective simulation-optimization approach. <i>EURO Journal on Decision Processes</i> , 2016 , 4, 85-117	1.1	3
48	Akademische Patente und ihre Auswirkungen auf Forschung, Lehre und Administration an Universitäten. <i>Management Review Quarterly</i> , 2015 , 65, 35-68	2.6	1
47	Finding partners for complex system innovations through a trans-sectoral matchmaking platform \square <i>Technology Analysis and Strategic Management</i> , 2015 , 27, 334-359	3.2	6
46	Innovation diffusion of repeat purchase products in a competitive market: An agent-based simulation approach. <i>European Journal of Operational Research</i> , 2015 , 245, 157-167	5.6	67
45	An agent-based simulation of customer multi-channel choice behavior. <i>Central European Journal of Operations Research</i> , 2015 , 23, 459-477	2.2	17
44	Integrating attacker behavior in IT security analysis: a discrete-event simulation approach. <i>Information Technology and Management</i> , 2015 , 16, 221-233	1.8	12
43	Evolving Secure Information Systems through Attack Simulation 2014 ,		4
42	A comparison of representations for discrete multi-criteria decision problems. <i>Decision Support Systems</i> , 2013 , 54, 976-985	5.6	40
41	Strategic management of disruptive technologies: a practical framework in the context of voice services and of computing towards the cloud. <i>International Journal of Grid and Utility Computing</i> , 2013 , 4, 47	1.1	14
40	2013 ,		2
39	MARKET INTRODUCTION AND DIFFUSION OF NEW PRODUCTS: RECENT DEVELOPMENTS IN AGENT-BASED MODELING. <i>International Journal of Innovation and Technology Management</i> , 2013 , 10, 1340015	1.1	8
38	Multi-channel management: an exploratory study of current practices. <i>International Journal of Services, Economics and Management</i> , 2013 , 5, 112	0.4	3

37	Die Balanced Scorecard (BSC) im Innovationsmanagement 2013 , 471-484		
36	Training on the project: a quantifying approach to competence development. <i>Knowledge Management Research and Practice</i> , 2012 , 10, 64-78	2.1	4
35	Agent-based simulation of innovation diffusion: a review. <i>Central European Journal of Operations Research</i> , 2012 , 20, 183-230	2.2	282
34	Disruptive ICT Service Technologies: Recent Developments and Practical Implications for Strategic Management 2011 ,		2
33	An agent-based simulation approach for the new product diffusion of a novel biomass fuel. <i>Journal of the Operational Research Society</i> , 2011 , 62, 12-20	2	42
32	Game-based Learning in Technology Management Education: A Novel Business Simulation. <i>International Journal of Emerging Technologies in Learning</i> , 2011 , 6, 20	1.4	4
31	Die Balanced Scorecard im Innovationsmanagement. <i>Business + Innovation</i> , 2011 , 2, 31-39		
30	An Experimental Comparison of Two Interactive Visualization Methods for Multicriteria Portfolio Selection. <i>Profiles in Operations Research</i> , 2011 , 187-209	1	3
29	Game-based learning in technology management education 2010 ,		3
28	Interactive selection of Web services under multiple objectives. <i>Information Technology and Management</i> , 2010 , 11, 25-41	1.8	7
27	Multi-objective decision analysis for competence-oriented project portfolio selection. <i>European Journal of Operational Research</i> , 2010 , 205, 670-679	5.6	82
26	A Spatial Simulation Model For The Diffusion Of A Novel Biofuel On The Austrian Market 2010 ,		1
25	A Networked Ubiquitous Computing Environment for Damage Prevention: A Decision Support Framework for the Insurance Sector 2009 ,		2
24	An Agent-based simulation model for the market diffusion of a second generation biofuel 2009 ,		7
23	A MULTICRITERIA DECISION SUPPORT SYSTEM FOR COMPETENCE-DRIVEN PROJECT PORTFOLIO SELECTION. <i>International Journal of Information Technology and Decision Making</i> , 2009 , 08, 379-401	2.8	43
22	Nature-inspired metaheuristics for multiobjective activity crashing. <i>Omega</i> , 2008 , 36, 1019-1037	7.2	21
21	Interaktive Portfolioauswahl im IT-Service-Management. <i>Hmd</i> , 2008 , 45, 48-55	0.7	
20	Panel surveys go mobile. <i>International Journal of Mobile Communications</i> , 2008 , 6, 88	1.2	13

19	Competence-driven project portfolio selection, scheduling and staff assignment. <i>Central European Journal of Operations Research</i> , 2008 , 16, 281-306	2.2	91
18	Competence-driven project portfolio selection, scheduling and staff assignment 2008 , 16, 281		2
17	Portfolio selection under strict uncertainty: A multi-criteria methodology and its application to the Frankfurt and Vienna Stock Exchanges. <i>European Journal of Operational Research</i> , 2007 , 181, 1476-1487	5.6	28
16	Extending business process management to determine efficient IT investments 2007 ,		9
15	Interactive Decision Support for Multiobjective COTS Selection 2007 ,		27
14	Adopting energy flow charts for the economic analysis of process innovations. <i>Technovation</i> , 2007 , 27, 693-703	7.9	6
13	Pareto ant colony optimization with ILP preprocessing in multiobjective project portfolio selection. <i>European Journal of Operational Research</i> , 2006 , 171, 830-841	5.6	116
12	Workshop-based multiobjective security safeguard selection 2006 ,		14
11	New Multiobjective Metaheuristic Solution Procedures for Capital Investment Planning. <i>Journal of Heuristics</i> , 2005 , 11, 183-199	1.9	35
10	Pareto Ant Colony Optimization: A Metaheuristic Approach to Multiobjective Portfolio Selection. <i>Annals of Operations Research</i> , 2004 , 131, 79-99	3.2	281
9	Determining location and size of medical departments in a hospital network: a multiobjective decision support approach. <i>Health Care Management Science</i> , 2004 , 7, 63-71	4	74
8	Strategic technology planning in hospital management. <i>OR Spectrum</i> , 2003 , 25, 161-182	1.9	13
7	Interactive R&D portfolio analysis with project interdependencies and time profiles of multiple objectives. <i>IEEE Transactions on Engineering Management</i> , 2003 , 50, 175-183	2.6	149
6	Budgeting for research and development: a dynamic financial simulation approach. <i>Socio-Economic Planning Sciences</i> , 2003 , 37, 15-27	3.7	12
5	Zur Modellierung mehrfacher Zielsetzungen bei der F&E-Projektauswahl 2003 , 287-309		1
4	MULTIOBJECTIVE DECISION SUPPORT IN IT-RISK MANAGEMENT. <i>International Journal of Information Technology and Decision Making</i> , 2002 , 01, 251-268	2.8	18
3	Investitionsentscheidungen bei mehrfachen Zielsetzungen und künstliche Ameisen 2002 , 355-362		3
2	Faire Gruppenentscheidungen in der Investitionsplanung. <i>OR Spectrum</i> , 2001 , 23, 431-443	1.9	6

- 1 Research and development project selection and resource allocation: a review of quantitative modelling approaches. *International Journal of Management Reviews*, **1999**, 1, 197-224

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