

Christian Stummer

List of Publications by Citations

Source: <https://exaly.com/author-pdf/236922/christian-stummer-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Agent-based simulation of innovation diffusion: a review. <i>Central European Journal of Operations Research</i> , 2012 , 20, 183-230	2.2	282
71	Pareto Ant Colony Optimization: A Metaheuristic Approach to Multiobjective Portfolio Selection. <i>Annals of Operations Research</i> , 2004 , 131, 79-99	3.2	281
70	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
69	Research and development project selection and resource allocation: a review of quantitative modelling approaches. <i>International Journal of Management Reviews</i> , 1999 , 1, 197-224	6.4	133
68	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
67	Competence-driven project portfolio selection, scheduling and staff assignment. <i>Central European Journal of Operations Research</i> , 2008 , 16, 281-306	2.2	91
66	Multi-objective decision analysis for competence-oriented project portfolio selection. <i>European Journal of Operational Research</i> , 2010 , 205, 670-679	5.6	82
65	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
64	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
63	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
62	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
61	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
60	A comparison of representations for discrete multi-criteria decision problems. <i>Decision Support Systems</i> , 2013 , 54, 976-985	5.6	40
59	Platform Launch Strategies. <i>Business and Information Systems Engineering</i> , 2018 , 60, 167-173	3.8	38
58	New Multiobjective Metaheuristic Solution Procedures for Capital Investment Planning. <i>Journal of Heuristics</i> , 2005 , 11, 183-199	1.9	35
57	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
56	Interactive Decision Support for Multiobjective COTS Selection 2007 ,		27

55	Nature-inspired metaheuristics for multiobjective activity crashing. <i>Omega</i> , 2008 , 36, 1019-1037	7.2	21
54	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
53	MULTIOBJECTIVE DECISION SUPPORT IN IT-RISK MANAGEMENT. <i>International Journal of Information Technology and Decision Making</i> , 2002 , 01, 251-268	2.8	18
52	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
51	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
50	Workshop-based multiobjective security safeguard selection 2006 ,		14
49	Panel surveys go mobile. <i>International Journal of Mobile Communications</i> , 2008 , 6, 88	1.2	13
48	Strategic technology planning in hospital management. <i>OR Spectrum</i> , 2003 , 25, 161-182	1.9	13
47	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
46	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
45	Budgeting for research and development: a dynamic financial simulation approach. <i>Socio-Economic Planning Sciences</i> , 2003 , 37, 15-27	3.7	12
44	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
43	Extending business process management to determine efficient IT investments 2007 ,		9
42	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
41	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
40	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
39	An Agent-based simulation model for the market diffusion of a second generation biofuel 2009 ,		7
38	Interactive selection of Web services under multiple objectives. <i>Information Technology and Management</i> , 2010 , 11, 25-41	1.8	7

37	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
36	Finding partners for complex system innovations through a trans-sectoral matchmaking platform. <i>Technology Analysis and Strategic Management</i> , 2015 , 27, 334-359	3.2	6
35	Adopting energy flow charts for the economic analysis of process innovations. <i>Technovation</i> , 2007 , 27, 693-703	7.9	6
34	Faire Gruppenentscheidungen in der Investitionsplanung. <i>OR Spectrum</i> , 2001 , 23, 431-443	1.9	6
33	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
32	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
31	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
30	Evolving Secure Information Systems through Attack Simulation 2014 ,		4
29	Training on the project: a quantifying approach to competence development. <i>Knowledge Management Research and Practice</i> , 2012 , 10, 64-78	2.1	4
28	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
27	Multi-channel management: an exploratory study of current practices. <i>International Journal of Services, Economics and Management</i> , 2013 , 5, 112	0.4	3
26	Game-based learning in technology management education 2010 ,		3
25	Investitionsentscheidungen bei mehrfachen Zielsetzungen und künstliche Ameisen 2002 , 355-362		3
24	How the Traditional Industrial Manufacturer Miele Established a New Smart Home Division. <i>Research Technology Management</i> , 2020 , 63, 29-34	1.6	3
23	Selecting security control portfolios: a multi-objective simulation-optimization approach. <i>EURO Journal on Decision Processes</i> , 2016 , 4, 85-117	1.1	3
22	An Experimental Comparison of Two Interactive Visualization Methods for Multicriteria Portfolio Selection. <i>Profiles in Operations Research</i> , 2011 , 187-209	1	3
21	Cross-Over Between Scenario Analysis and Agent-Based Market Simulation for Technology Planning 2017 ,		2
20	2013 ,		2

19	Disruptive ICT Service Technologies: Recent Developments and Practical Implications for Strategic Management 2011 ,		2
18	A Networked Ubiquitous Computing Environment for Damage Prevention: A Decision Support Framework for the Insurance Sector 2009 ,		2
17	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
16	Competence-driven project portfolio selection, scheduling and staff assignment 2008 , 16, 281		2
15	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
14	Akademische Patente und ihre Auswirkungen auf Forschung, Lehre und Administration an Universitäten. <i>Management Review Quarterly</i> , 2015 , 65, 35-68	2.6	1
13	Zur Modellierung mehrfacher Zielsetzungen bei der F&E-Projektauswahl 2003 , 287-309		1
12	Agentenbasierte Marktsimulation Ein Spezialwerkzeug. <i>Intelligente Technische Systeme, Lösungen Aus Dem Spitzencluster I&I OWL</i> , 2018 , 125-142	0.1	1
11	A Spatial Simulation Model For The Diffusion Of A Novel Biofuel On The Austrian Market 2010 ,		1
10	Preface: The modeling and simulation of complex systems. <i>Annals of Operations Research</i> , 2021 , 305, 423-424	3.2	1
9	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
8	Der Einfluss der Produktintelligenz auf den Konsumentennutzen und die Produktnutzung. <i>Schmalenbachs Zeitschrift Fur Betriebswirtschaftliche Forschung</i> , 2018 , 70, 315-349	0.2	
7	Interaktive Portfolioauswahl im IT-Servicemanagement. <i>Hmd</i> , 2008 , 45, 48-55	0.7	
6	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	
5	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	
4	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	
3	Die Balanced Scorecard im Innovationsmanagement. <i>Business + Innovation</i> , 2011 , 2, 31-39		
2	Die Balanced Scorecard (BSC) im Innovationsmanagement 2013 , 471-484		

- 1 Business Information Through Choice-Based Conjoint Analysis: The Case of Electric Vehicle Home Charging. *Studies in Systems, Decision and Control*, **2021**, 357-379 o.8