Luis Camarinha-Matos

List of Publications by Citations

 $\textbf{Source:} \ https://exaly.com/author-pdf/7465313/luis-camarinha-matos-publications-by-citations.pdf$

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.

4,687 310 32 59 h-index g-index citations papers 6.25 2.2 5,252 331 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
310	Collaborative networks: a new scientific discipline. <i>Journal of Intelligent Manufacturing</i> , 2005 , 16, 439-4.	5 8 .7	477
309	Collaborative networked organizations © Concepts and practice in manufacturing enterprises. <i>Computers and Industrial Engineering</i> , 2009 , 57, 46-60	6.4	349
308	Elements of a base VE infrastructure. <i>Computers in Industry</i> , 2003 , 51, 139-163	11.6	196
307	A comprehensive modeling framework for collaborative networked organizations. <i>Journal of Intelligent Manufacturing</i> , 2007 , 18, 529-542	6.7	132
306	A Framework for Management of Virtual Organization Breeding Environments. <i>International Federation for Information Processing</i> , 2005 , 35-48		116
305	Collaborative Networks: Reference Modeling 2008,		107
304	Collaborative smart grids IA survey on trends. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 65, 283-294	16.2	84
303	On reference models for collaborative networked organizations. <i>International Journal of Production Research</i> , 2008 , 46, 2453-2469	7.8	84
302	Collaborative Networks 2006 , 26-40		84
301	Towards an architecture for virtual enterprises. <i>Journal of Intelligent Manufacturing</i> , 1998 , 9, 189-199	6.7	82
300	A framework for virtual organization creation in a breeding environment. <i>Annual Reviews in Control</i> , 2007 , 31, 119-135	10.3	82
299	Collaborative Networks as a Core Enabler of Industry 4.0. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 3-17	0.5	76
298	Collaborative networked organizations: Status and trends in manufacturing. <i>Annual Reviews in Control</i> , 2009 , 33, 199-208	10.3	75
297	Performance indicators for collaborative business ecosystems Literature review and trends. <i>Technological Forecasting and Social Change</i> , 2017 , 116, 237-255	9.5	74
296	Performance indicators for collaborative networks based on collaboration benefits. <i>Production Planning and Control</i> , 2007 , 18, 592-609	4.3	58
295	Coalitions of manufacturing components for shop floor agility - the CoBASA architecture. <i>International Journal of Networking and Virtual Organisations</i> , 2003 , 2, 50	0.4	58
294	Virtual Enterprise Modeling and Support Infrastructures: Applying Multi-agent System Approaches. Lecture Notes in Computer Science 2001 335-364	0.9	57

293	Ecolead: A Holistic Approach to Creation and Management of Dynamic Virtual Organizations 2005, 3-16	5	53
292	Multi-agent-based agile scheduling. <i>Robotics and Autonomous Systems</i> , 1999 , 27, 15-28	3.5	52
291	A conceptual model of value systems in collaborative networks. <i>Journal of Intelligent Manufacturing</i> , 2010 , 21, 287-299	6.7	49
290	Negotiation in multi-agent based dynamic scheduling. <i>Robotics and Computer-Integrated Manufacturing</i> , 1994 , 11, 303-309	9.2	47
289	Towards collaborative Virtual Power Plants: Trends and convergence. <i>Sustainable Energy, Grids and Networks</i> , 2018 , 16, 217-230	3.6	45
288	Collaborative Networks: A Pillar of Digital Transformation. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5431	2.6	42
287	On the role of value systems to promote the sustainability of collaborative environments. <i>International Journal of Production Research</i> , 2008 , 46, 1207-1229	7.8	40
286	Normalization Techniques for Multi-Criteria Decision Making: Analytical Hierarchy Process Case Study. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 261-269	0.5	40
285	Data normalisation techniques in decision making: case study with TOPSIS method. <i>International Journal of Information and Decision Sciences</i> , 2018 , 10, 19	0.8	39
284	Pervasive Collaborative Networks. International Federation for Information Processing, 2008,		38
284	Pervasive Collaborative Networks. <i>International Federation for Information Processing</i> , 2008 , An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 , 47, 4711-4735	7.8	38
	An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 ,	7.8	
283	An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 , 47, 4711-4735 The Role of Collaborative Networks in Sustainability. <i>International Federation for Information</i>	7.8	35
283	An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 , 47, 4711-4735 The Role of Collaborative Networks in Sustainability. <i>International Federation for Information Processing</i> , 2010 , 1-16 On management of 2nd generation Virtual Organizations Breeding Environments. <i>Annual Reviews</i>	,	35
283 282 281	An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 , 47, 4711-4735 The Role of Collaborative Networks in Sustainability. <i>International Federation for Information Processing</i> , 2010 , 1-16 On management of 2nd generation Virtual Organizations Breeding Environments. <i>Annual Reviews in Control</i> , 2009 , 33, 209-219 Infrastructure developments for agile virtual enterprises. <i>International Journal of Computer</i>	10.3	35 34 34
283 282 281 280	An approach to assess collaboration readiness. <i>International Journal of Production Research</i> , 2009 , 47, 4711-4735 The Role of Collaborative Networks in Sustainability. <i>International Federation for Information Processing</i> , 2010 , 1-16 On management of 2nd generation Virtual Organizations Breeding Environments. <i>Annual Reviews in Control</i> , 2009 , 33, 209-219 Infrastructure developments for agile virtual enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , 2003 , 16, 235-254 Approaches for resilience and antifragility in collaborative business ecosystems. <i>Technological</i>	10.3 4.3 9.5	35 34 34 34
283 282 281 280	An approach to assess collaboration readiness. International Journal of Production Research, 2009, 47, 4711-4735 The Role of Collaborative Networks in Sustainability. International Federation for Information Processing, 2010, 1-16 On management of 2nd generation Virtual Organizations Breeding Environments. Annual Reviews in Control, 2009, 33, 209-219 Infrastructure developments for agile virtual enterprises. International Journal of Computer Integrated Manufacturing, 2003, 16, 235-254 Approaches for resilience and antifragility in collaborative business ecosystems. Technological Forecasting and Social Change, 2020, 151, 119846	10.3 4.3 9.5	35 34 34 34 33

275	Towards a Framework for Creation of Dynamic Virtual Organizations 2005, 69-80		31
274	A qualitative approach to assess the alignment of Value Systems in collaborative enterprises networks. <i>Computers and Industrial Engineering</i> , 2013 , 64, 412-424	6.4	30
273	Collaborative Networks in Support of Service-Enhanced Products. <i>International Federation for Information Processing</i> , 2011 , 95-104		30
272	A multiagent-based control system applied to an educational shop floor. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008 , 24, 597-605	9.2	29
271	Virtual Enterprises and Collaborative Networks. <i>International Federation for Information Processing</i> , 2004 ,		29
270	Collaborative Networks: A Mechanism for Enterprise Agility and Resilience 2014 , 3-11		29
269	A framework for computer-assisted creation of dynamic virtual organisations. <i>International Journal of Production Research</i> , 2009 , 47, 4661-4690	7.8	26
268	Collaborative Networks and Their Breeding Environments. <i>International Federation for Information Processing</i> , 2005 ,		25
267	. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2011 , 41, 692-710		24
266	Elements of a methodology to assess the alignment of core-values in collaborative networks. <i>International Journal of Production Research</i> , 2009 , 47, 4907-4934	7.8	24
265	Integration and learning in supervision of flexible assembly systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 1996 , 12, 202-219		23
264	Towards a Reference Model for Collaborative Networked Organizations 2006 , 193-202		23
263	Knowledge management and supporting tools for collaborative networks. <i>International Journal of Production Research</i> , 2013 , 51, 1953-1957	7.8	22
262	Execution system for distributed business processes in a virtual enterprise. <i>Future Generation Computer Systems</i> , 2001 , 17, 1009-1021	7.5	22
261	Virtual enterprise formation in the context of a sustainable partner network. <i>Industrial Management and Data Systems</i> , 2017 , 117, 1446-1468	3.6	20
260	On the classification and management of Virtual Organisation Breeding Environments. <i>International Journal of Information Technology and Management</i> , 2009 , 8, 234	0.2	20
259	Classes of Collaborative Networks 2008 , 193-198		20
258	A Comprehensive Research Roadmap for ICT and Ageing. <i>Studies in Informatics and Control</i> , 2013 , 22,	2.1	19

257	Vbe Reference Framework 2008 , 35-68		19
256	A multiagent based control approach for evolvable assembly systems		18
255	Fuzzy early warning systems for condition based maintenance. <i>Computers and Industrial Engineering</i> , 2019 , 128, 736-746	6.4	18
254	A method to analyse the alignment of core values in collaborative networked organisations. <i>Production Planning and Control</i> , 2010 , 21, 145-159	4.3	17
253	Contributing to the Internet of Things. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 3-12	0.5	16
252	Agreement negotiation support in virtual organisation creation In illustrative case. <i>Production Planning and Control</i> , 2010 , 21, 160-180	4.3	16
251	Flexibility and safety in a web-based infrastructure for virtual enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , 2001 , 14, 66-82	4.3	16
250	An Approach to Measure Social Capital in Collaborative Networks. <i>International Federation for Information Processing</i> , 2011 , 29-40		15
249	Distributed process execution in collaborative networks. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008 , 24, 647-655	9.2	15
248	A multi-agent based infrastructure to support virtual communities in elderly care. <i>International Journal of Networking and Virtual Organisations</i> , 2004 , 2, 246	0.4	15
247	Towards a Collaborative Business Ecosystem for Elderly Care. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 24-34	0.5	14
246	Towards collaborative Cyber-Physical Systems 2017 ,		14
245	Extended competencies model for collaborative networks. <i>Production Planning and Control</i> , 2011 , 22, 501-517	4.3	14
244	Collaborative Business Scenarios in a Service-Enhanced Products Ecosystem. <i>International Federation for Information Processing</i> , 2012 , 13-25		14
243	A Modeling Framework for Collaborative Networked Organizations 2006, 3-14		14
242	Normalization techniques for collaborative networks. <i>Kybernetes</i> , 2019 , 49, 1285-1304	2	13
241	The Need of Performance Indicators for Collaborative Business Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 22-30	0.5	13
240	Hierarchical Coordination in Virtual Enterprise Infrastructures. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 1999 , 26, 267-287	2.9	13

239	Interplay of Collaborative Networks in Product Servicing. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 51-60	0.5	13
238	Agent-Based Brokerage for Virtual Enterprise Creation in the Moulds Industry. <i>IFIP Advances in Information and Communication Technology</i> , 2001 , 281-290	0.5	13
237	Roots of Collaboration: Nature-Inspired Solutions for Collaborative Networks. <i>IEEE Access</i> , 2018 , 6, 30	82 9 . 5 30	84 <u>32</u>
236	Cloud-Based Collaborative Business Services Provision. <i>Lecture Notes in Business Information Processing</i> , 2014 , 366-384	0.6	12
235	ECoNet Platform for Collaborative Logistics and Transport. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 265-276	0.5	12
234	Collaborative Ecosystems in Ageing Support. <i>International Federation for Information Processing</i> , 2011 , 177-188		12
233	A Collaborative Services Ecosystem for Ambient Assisted Living. <i>International Federation for Information Processing</i> , 2012 , 117-127		12
232	Agnostic Informatics System of Systems: The Open ISoS Services Framework. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 407-420	0.5	11
231	Distributed Localization with Complemented RSS and AOA Measurements: Theory and Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 272	2.6	11
230	Cooperation Enabled Systems for Collaborative Networks. <i>International Federation for Information Processing</i> , 2011 , 400-409		11
229	Multiagent Perspectives to Agile Scheduling. <i>IFIP Advances in Information and Communication Technology</i> , 1998 , 51-66	0.5	11
228	Vo Creation Assistance Services 2008 , 155-190		11
227	Basis for an Approach to Design Collaborative Cyber-Physical Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 193-205	0.5	10
226	A Roadmapping Methodology for Strategic Research on VO 2004 , 275-288		10
225	Infrastructures for virtual organizations - where we are		10
224	Future smart-organizations: a virtual tourism enterprise		10
223	A Proposal of Performance Indicators for Collaborative Business Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 253-264	0.5	10
222	The Need for a Strategic R&D Roadmap for Active Ageing. IFIP Advances in Information and Communication Technology, 2009 , 669-681	0.5	10

(2008-2010)

221	Active Ageing Roadmap IA Collaborative Networks Contribution to Demographic Sustainability. <i>International Federation for Information Processing</i> , 2010 , 46-59		10
220	Towards a Reference Architecture for a Collaborative Intelligent Transport System Infrastructure. <i>International Federation for Information Processing</i> , 2010 , 469-477		10
219	A modelling framework for collaborative network emotions. <i>Enterprise Information Systems</i> , 2019 , 13, 1164-1194	3.5	9
218	Value Systems Alignment Analysis in Collaborative Networked Organizations Management. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1231	2.6	9
217	Care services ecosystem for ambient assisted living. Enterprise Information Systems, 2013, 1-27	3.5	9
216	Active Aging with Collaborative Networks. IEEE Technology and Society Magazine, 2011, 30, 12-25	0.8	9
215	Towards a taxonomy of CIM activities. <i>International Journal of Computer Integrated Manufacturing</i> , 1995 , 8, 160-176	4.3	9
214	A Simulation Approach to Assess Partners Selected for a Collaborative Network. <i>International Journal of Simulation Modelling</i> , 2017 , 16, 399-411	2.5	9
213	Collaborative Networks in Industry and the role of PRO-VE. <i>International Journal of Production Management and Engineering</i> , 2014 , 2, 53	0.4	9
212	Understanding Social Capital in Collaborative Networks. <i>International Federation for Information Processing</i> , 2010 , 109-118		9
211	Electronic Negotiation Support Environment in Collaborative Networks. <i>International Federation for Information Processing</i> , 2012 , 21-32		9
21 0	Negotiation Support and Risk Reduction in Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 15-24	0.5	9
209	Enterprise Collaboration Network for Transport and Logistics Services. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 267-278	0.5	9
208	Technological Innovation for Cyber-Physical Systems. IFIP Advances in Information and Communication Technology, 2016,	0.5	9
207	Performance Indicators Based on Collaboration Benefits 2005 , 273-282		9
206	New Collaborative Organizations and their Research Needs 2004 , 3-14		9
205	A Roadmap for Strategic Research on Virtual Organizations 2004 , 33-46		9
204	Agreement Negotiation Wizard 2008 , 191-218		9

203	Collaborative services provision for solar power plants. <i>Industrial Management and Data Systems</i> , 2017 , 117, 946-966	3.6	8
202	Selection of Normalization Technique for Weighted Average Multi-criteria Decision Making. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 43-52	0.5	8
201	Collaborative enterprise networks for solar energy 2015 ,		8
200	A multi-agent based platform for virtual communities in elderly care		8
199	Brief Historical Perspective for Virtual Organizations 2005 , 3-10		8
198	ICT Infrastructures for VO 2005 , 83-104		8
197			8
196	Achieving the Sensing, Smart and Sustainable E verything <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 575-588	0.5	8
195	Modeling and Management of Information Supporting Functional Dimension of Collaborative Networks. <i>Lecture Notes in Computer Science</i> , 2009 , 1-37	0.9	8
194	Services Personalization Approach for a Collaborative Care Ecosystem. IFIP Advances in Information and Communication Technology, 2016 , 443-456	0.5	8
193	SCoPE: Service Composition and Personalization Environment. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2297	2.6	8
192	Mass Collaboration and Learning: Opportunities, Challenges, and Influential Factors. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2620	2.6	7
191	Care services provision in ambient assisted living. <i>Irbm</i> , 2014 , 35, 286-298	4.8	7
190	Pro-Active Service Ecosystem Framework. <i>International Journal of Computer Integrated Manufacturing</i> , 2013 , 26, 1021-1041	4.3	7
189	Integrated care services in ambient assisted living 2013,		7
188	Challenges of Collaborative Networks in Europe 2004 , 77-90		7
187	Plan generation in robotics. <i>Robotics Amsterdam</i> , 1987 , 3, 291-328		7
186	A conceptual structure for a robot station programming system. <i>Robotics Amsterdam</i> , 1987 , 3, 195-204		7

(2019-2017)

185	Collaboration in a Data-Rich World. <i>IFIP Advances in Information and Communication Technology</i> , 2017 ,	0.5	7	
184	Torwards a Methodology to Measure the Alignment of Value Systems in Collaborative Networks 2008 , 37-46		7	
183	On The Role Of Value Systems And Reciprocity In Collaborative Environments 2006 , 273-284		7	
182	Contract Negotiation Wizard for VO Creation 2007 , 333-342		7	
181	Towards a Conceptual Model of Value Systems in Collaborative Networks 2007 , 53-64		7	
180	Emerging Community Energy Ecosystems: Analysis of Organizational and Governance Structures of Selected Representative Cases. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 24-40 ^C	0.5	6	
179	Collaborative mechanisms for a new perspective on active ageing 2009,		6	
178	Collaborative networks approach to active ageing 2010 ,		6	
177	Federated information management for cooperative virtual organizations. <i>Lecture Notes in Computer Science</i> , 1997 , 561-572	0.9	6	
176	TOWARDS A SEMI-TYPOLOGY FOR VIRTUAL ORGANIZATION BREEDING ENVIRONMENTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 43-48		6	
175	VIRTUAL ORGANIZATIONS BREEDING ENVIRONMENTS: KEY RESULTS FROM ECOLEAD. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 199-206		6	
174	Support Infrastructures for New Collaborative Forms 2004 , 175-192		6	
173	Collaborative Networks: A New Scientific Discipline 2005 , 73-80		6	
172	Trends in Agile and Co-Operative Manufacturing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2001 , 34, 140-149		6	
171	Application of Machine Learning in Water Distribution Networks Assisted by Domain Experts. Journal of Intelligent and Robotic Systems: Theory and Applications, 1999, 26, 325-352	2.9	6	
170	Selecting Normalization Techniques for the Analytical Hierarchy Process. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 43-52).5	6	
169	Open Services Ecosystem Supporting Collaborative Networks. <i>International Federation for Information Processing</i> , 2010 , 80-91		6	
168	Semantic Data Management for a Virtual Factory Collaborative Environment. <i>Applied Sciences</i> (Switzerland), 2019 , 9, 4936	2.6	6	

167	On Consensus-Based Distributed Blind Calibration of Sensor Networks. Sensors, 2018, 18,	3.8	6
166	On Reliable Collaborative Mobility Services. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 297-311	0.5	6
165	Services Evolution in Elderly Care Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 417-429	0.5	6
164	Towards Collaborative Virtual Power Plants. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 28-39	0.5	6
163	Support for Concurrent Engineering in CIM-FACE 1995 , 275-286		6
162	Federated Multi-Agent Scheduling in Virtual Enterprises. <i>IFIP Advances in Information and Communication Technology</i> , 2001 , 145-156	0.5	6
161	Collaborative Networks In Industry Trends and Foundations 2007 , 45-56		6
160	Establishing the Foundation of Collaborative Networks 2007,		6
159	A Computer-Assisted VO Creation Framework 2007 , 165-178		6
158	A System Dynamics and Agent-Based Approach to Model Emotions in Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 29-43	0.5	5
157	Collaborative environment for service-enhanced products 2013,		5
156	Designing elderly care ecosystem in collaborative networks environment 2017,		5
155	Special issue on multi-agent and holonic systems in manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008 , 24, 595-596	9.2	5
154	COLLABORATIVE NETWORKS IN INDUSTRY AND SERVICES: RESEARCH SCOPE AND CHALLENGES. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 33-42		5
153	Results assessment and impact creation in collaborative research an example from the ECOLEAD project. <i>Technovation</i> , 2007 , 27, 65-77	7.9	5
152	Infrastructures for collaborative networks - an application in elderly care		5
151	A Collaborative Network Case Study: The Extended ViaVerdelToll Payment System 2005, 559-568		5
150	A machine learning approach to error detection and recovery in assembly		5

149	Emerging Solutions for Future Manufacturing Systems. <i>International Federation for Information Processing</i> , 2005 ,		5	
148	Adaptive Integration of IoT with Informatics Systems for Collaborative Industry: The SITL-IoT Case. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 43-54	0.5	5	
147	A Framework for Evaluation of Resilience of Disaster Rescue Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 146-158	0.5	5	
146	Evolution of a Collaborative Business Ecosystem in Response to Performance Indicators. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 629-640	0.5	5	
145	Development of an Ecosystem for Ambient Assisted Living. IFIP Advances in Information and Communication Technology, 2014 , 200-227	0.5	5	
144	Negotiation Support for Co-design of Business Services. <i>Lecture Notes in Computer Science</i> , 2014 , 98-10)6 0.9	5	
143	A collaborative approach to resilient and antifragile business ecosystems. <i>Procedia Computer Science</i> , 2019 , 162, 604-613	1.6	5	
142	Towards a Distributed Process Execution Platform for Collaborative Networks 2006 , 233-240		5	
141	Agreement Negotiation Support in VO Creation. <i>International Federation for Information Processing</i> , 2008 , 107-118		5	
140	Organizational Structure for Mass Collaboration and Learning. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 14-23	0.5	4	
139	Novel Approaches to Handle Disruptions in Business Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 43-57	0.5	4	
138	Risks and Resilience of Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2015 ,	0.5	4	
137	Exploratory Study on Risk Management in Open Innovation. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 527-540	0.5	4	
136	Cloud-based collaboration spaces for enterprise networks 2015 ,		4	
135	Collaborative networks in active ageing he roadmap contribution to demographic sustainability. <i>Production Planning and Control</i> , 2012 , 23, 279-298	4.3	4	
134	CREATION OF VIRTUAL ORGANIZATIONS IN A BREEDING ENVIRONMENT. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006 , 39, 595-603		4	
133	A Mobile Agents Approach to Virtual Laboratories and Remote Supervision. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2002 , 35, 1-22	2.9	4	
132	European assembly: opportunities or threats?		4	

131	Inductive generation of diagnostic knowledge for autonomous assembly		4
130	Towards a Mobility Payment Service Based on Collaborative Open Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 379-392	0.5	4
129	The Role of Digital Twins in Collaborative Cyber-Physical Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 191-205	0.5	4
128	Designing the Information Technology Subsystem 2003 , 617-680		4
127	Management of Information Supporting Collaborative Networks. <i>Lecture Notes in Computer Science</i> , 2009 , 1-6	0.9	4
126	A Well-Conceived Vision for Extending Professional Life of Seniors. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 682-694	0.5	4
125	The Virtual Enterprise from a Governance Perspective. <i>IFIP Advances in Information and Communication Technology</i> , 2010 , 73-82	0.5	4
124	Negotiation and Contracting in Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2010 , 83-92	0.5	4
123	Collaborative Systems for Smart Environments: Trends and Challenges. <i>Lecture Notes in Computer Science</i> , 2014 , 3-15	0.9	4
122	Achieving Coherence between Strategies and Value Systems in Collaborative Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 261-272	0.9	4
121	Planning, Training and Learning in Supervision of Flexible Assembly Systems 1995 , 63-74		4
120	Emotions in Collaborative Networks: A Monitoring System. <i>International Federation for Information Processing</i> , 2012 , 9-20		4
119	Learning Through Mass Collaboration - Issues and Challenges. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 3-17	0.5	4
118	Analysis of relevant standards for industrial systems to support zero defects manufacturing process. <i>Journal of Industrial Information Integration</i> , 2021 , 23, 100214	7	4
117	A Collaboration Readiness Assessment Approach 2008 , 77-86		4
116	Concurrent Engineering in Virtual Enterprises: the Extended CIM-FACE Architecture. <i>IFIP Advances in Information and Communication Technology</i> , 1998 , 171-184	0.5	4
115	Feature Transformation Strategies for a Robot Learning Problem 1998 , 375-391		4
114	Service Personalization Requirements for Elderly Care in a Collaborative Environment. <i>IFIP Advances in Information and Communication Technology</i> , 2017 , 20-28	0.5	3

(2021-2019)

113	A Model to Assess Collaboration Performance in a Collaborative Business Ecosystem. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 3-13	0.5	3
112	voteChain: Community Based Scalable Internet Voting Framework. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 70-80	0.5	3
111	Collaboration in a Hyperconnected World. <i>IFIP Advances in Information and Communication Technology</i> , 2016 ,	0.5	3
110	Technological research plan for active ageing. <i>Information Systems Frontiers</i> , 2012 , 14, 669-692	4	3
109	Technological Innovation for Sustainability. <i>International Federation for Information Processing</i> , 2011 ,		3
108	Behavioral aspects in collaborative enterprise networks 2011 ,		3
107	Towards intelligent execution supervision for flexible assembly systems		3
106	Learning failure recovery knowledge for mechanical assembly		3
105	A Strategic Roadmap for Advanced Virtual Organizations 2004 , 289-312		3
104	A Contribution to Understand Collaboration Benefits 2004 , 287-298		3
103	Workflow Support for Management of Information of Prodnet II. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 41-46		2
	international rederation of Automatic Control, 1996, 51, 41-40		3
102	A Service Integration Platform for Collaborative Networks. <i>Studies in Informatics and Control</i> , 2011 , 20,	2.1	3
102	A Service Integration Platform for Collaborative Networks. <i>Studies in Informatics and Control</i> , 2011 ,	2.1 0.5	
	A Service Integration Platform for Collaborative Networks. <i>Studies in Informatics and Control</i> , 2011 , 20, Liability in Collaborative Maintenance of Critical System of Systems. <i>IFIP Advances in Information</i>		3
101	A Service Integration Platform for Collaborative Networks. <i>Studies in Informatics and Control</i> , 2011 , 20, Liability in Collaborative Maintenance of Critical System of Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 191-202 An Emotional Support System for Collaborative Networks. <i>IFIP Advances in Information and</i>	0.5	3
101	A Service Integration Platform for Collaborative Networks. <i>Studies in Informatics and Control</i> , 2011 , 20, Liability in Collaborative Maintenance of Critical System of Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 191-202 An Emotional Support System for Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 42-53 Supporting Collaborative Networks for Complex Service-Enhanced Products. <i>IFIP Advances in</i>	0.5	3 3 3
101	A Service Integration Platform for Collaborative Networks. Studies in Informatics and Control, 2011, 20, Liability in Collaborative Maintenance of Critical System of Systems. IFIP Advances in Information and Communication Technology, 2020, 191-202 An Emotional Support System for Collaborative Networks. IFIP Advances in Information and Communication Technology, 2015, 42-53 Supporting Collaborative Networks for Complex Service-Enhanced Products. IFIP Advances in Information and Communication Technology, 2015, 181-192 Pro-Active Asset Entities in Collaborative Networks. IFIP Advances in Information and	0.5	3333

95	Advances in Collaborative Networked Organizations 2008, 3-16	3
94	A framework for cooperation in virtual enterprises 1999 , 305-321	3
93	A Decision-Support Tool to Deal with the Strategies Alignment Process in Collaborative Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 3-10	2
92	Modelling a Collaborative Network in the Agri-Food Sector Using ARCON Framework: The PROVE Case Study. <i>International Federation for Information Processing</i> , 2012 , 329-339	2
91	ePAL roadmap for active ageing 2010 ,	2
90	Shopfloor integration and multiagent based supervision	2
89	COLLABORATIVE NETWORKED ORGANIZATIONS IN MANUFACTURING. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 187-198	2
88	Formal Modeling Methods for Collaborative Networks 2004 , 237-244	2
87	Emerging Collaborative Forms 2004 , 41-64	2
86	On Emerging Technologies for VO 2004 , 207-224	2
85	Implementing a contract-based multi-agent approach for shop floor agility	2
84	Frameworks for agile virtual enterprises in manufacturing. <i>IFAC Postprint Volumes IPPV /</i> International Federation of Automatic Control, 2000 , 33, 89-94	2
83	Application of Machine Learning in Water Distribution Networks. <i>Intelligent Data Analysis</i> , 1998 , 2, 311-3 <u>8</u> 2	2
82	Emerging Technologies and Standards 2005 , 105-132	2
81	Targeting Major New Trends 2004 , 69-76	2
80	A Collaborative Cyber-Physical Microservices Platform Ithe SITL-IoT Case. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 411-420	2
79	Brief Overview of Collaborative Approaches in Sustainable Manufacturing. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 3-18	2
7 ⁸	A Model of Evolution of a Collaborative Business Ecosystem Influenced by Performance Indicators. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 245-258	2

77	Towards a Reference Model for Mass Collaborative Learning. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 18-30	0.5	2
76	A Framework for Behavioural Change Through Incentivization in a Collaborative Virtual Power Plant Ecosystem. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 31-40	0.5	2
75	Evaluating and Influencing the Performance of a Collaborative Business Ecosystem A Simulation Study. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 3-18	0.5	2
74	Towards Agile Operation for Small Teams in Knowledge Intensive Organizations: A Collaboration Framework. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 263-272	0.5	2
73	Negotiation Environment and Protocols for Collaborative Service Design. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 31-41	0.5	2
72	New Organizational Forms to Extend the Professional Active Life. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 709-720	0.5	2
71	Assessment of the Willingness to Collaborate in Enterprise Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2010 , 14-23	0.5	2
70	Pro-activity in Collaborative Service Ecosystems. <i>International Federation for Information Processing</i> , 2011 , 377-387		2
69	Pro-Active Service Entity Framework for a Better Mapping between Business and Software. <i>International Federation for Information Processing</i> , 2010 , 451-460		2
68	An Elderly Care Ecosystem Application 2019 ,		2
67	A platform to support production planning and management in a virtual enterprise 1997 , 110-123		2
66	A Reference Curriculum For Education In Collaborative Networks 2008 , 491-511		2
65	Analysis of Core-Values Alignment in Collaborative Networks. <i>International Federation for Information Processing</i> , 2008 , 53-64		2
64	Evolutionary and Adaptive Elderly Care Ecosystem. Lecture Notes in Computer Science, 2019, 290-305	0.9	1
63	An approach for the management of an AAL ecosystem 2013,		1
62	Flexible Coordination in Virtual Enterprises. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1998 , 31, 35-40		1
61	Generic Framework for Conflict Resolution in Negotiation-Based Agile Scheduling Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1998 , 31, 159-164		1
60	Learning to diagnose failures of assembly tasks. <i>Annual Review in Automatic Programming</i> , 1994 ,		1

59	Interactive Planning of Motion and Assembly Operations		1
58	Concurrent Pascal as a robot level language 🗈 suggestion. <i>Robotica</i> , 1986 , 4, 269-272	2.1	1
57	Assessing Normalization Techniques for Simple Additive Weighting Method. <i>Procedia Computer Science</i> , 2022 , 199, 1229-1236	1.6	1
56	Analysis of Manufacturing Platforms in the Context of Zero-Defect Process Establishment. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 583-596	0.5	1
55	A Balanced Sociotechnical Framework for Collaborative Networks 4.0. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 485-498	0.5	1
54	Open and Collaborative Micro Services in Digital Transformation. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 393-402	0.5	1
53	Supporting a Virtual Community for the Elderly 2006 , 428-433		1
52	Open Innovation Practitioners Mindset on Risk. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 103-114	0.5	1
51	A Collaborative Approach to Demand Side Energy Management. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 393-405	0.5	1
50	Value Systems Management Model for Co-innovation. <i>International Federation for Information Processing</i> , 2011 , 11-20		1
49	Raising Awareness for Value Creation Potential in Engineering Research. <i>International Federation for Information Processing</i> , 2012 , 3-6		1
48	Collaborative Systems in Support of Reindustrialization. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 3-10	0.5	1
47	Towards Collective Awareness Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2014 , 3-10	0.5	1
46	Using Multiagent Systems and the Internet in Care Services for the Ageing Society. <i>IFIP Advances in Information and Communication Technology</i> , 1998 , 33-47	0.5	1
45	An Organization Extended (Soft) Competencies Model. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 245-256	0.5	1
44	Applying Causal Reasoning to Analyze Value Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2010 , 3-13	0.5	1
43	Comparable Approaches to IVE. Advanced Information and Knowledge Processing, 2010, 199-241	0.3	1
42	ProActive Service Entity Framework: Improving Service Selection Chances within Large Senior Professional Virtual Community Scenario. <i>International Federation for Information Processing</i> , 2011 , 21	-29	1

41	Collective Emotions Supervision in the Product-Servicing Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 33-42	0.5	1
40	Value Systems Alignment in Product Servicing Networks. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 71-80	0.5	1
39	Negotiation Support in Collaborative Services Design. <i>IFIP Advances in Information and Communication Technology</i> , 2014 , 13-20	0.5	1
38	Soft and Transferable Skills Acquisition through Organizing a Doctoral Conference. <i>Education Sciences</i> , 2020 , 10, 235	2.2	1
37	Review of Technology-Supported Multimodal Solutions for People with Dementia. <i>Sensors</i> , 2021 , 21,	3.8	1
36	Competence Matching in Collaborative Consortia for Service-Enhanced Products. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 350-360	0.5	1
35	Simulation Model to Estimate Emotions in Collaborative Networks. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5202	2.6	1
34	The Evolution Path to Collaborative Networks 4.0. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 170-193	0.5	1
33	Continuous Reinforcement Operator applied to Resilience in Disaster Rescue Networks 2018,		1
32	A Modeling Framework to Assess Strategies Alignment Based on Collaborative Network Emotions. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 349-361	0.5	1
31	Open Innovation Participants Profiling: An Archetypes Approach. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 177-189	0.5	1
30	A Mixed Method for Assessing the Reliability of Shared Knowledge in Mass Collaborative Learning Community. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 24-36	0.5	1
29	Emerging Behavior in Complex Collaborative Networks 2004 , 229-236		1
28	Modelling Cognitive Households Digital Twins In an Energy Community 2022, 67-79		1
27	Modelling Mutual Influence Towards Sustainable Energy Consumption. <i>IFIP Advances in Information and Communication Technology</i> , 2022 , 3-15	0.5	1
26	COLLABORATIVE NETWORKS CONTRIBUTION TO SUSTAINABLE DEVELOPMENT. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 92-97		O
25	Meta-Governance Framework to Guide the Establishment of Mass Collaborative Learning Communities. <i>Computers</i> , 2022 , 11, 12	1.9	O
24	Execution Monitoring in Adaptive Mobile Agents. Lecture Notes in Computer Science, 1999, 220-231	0.9	O

23	Assessing Normalization Techniques for TOPSIS Method. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 132-141	0.5	O
22	Challenges in IoT Applications and Research. <i>IFIP Advances in Information and Communication Technology</i> , 2022 , 3-10	0.5	O
21	Assessment of Sustainable Collaboration in Collaborative Business Ecosystems. <i>Computers</i> , 2021 , 10, 167	1.9	О
20	Reliable Communications for Mobile Agents IThe Telecare Solution 2004 , 147-160		
19	Contract-Based Approach For Shop-Floor Re-Engineering. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2001 , 34, 132-139		
18	A Mobile Agents Approach to Virtual Laboratories: Enabling Remote Operation over the Internet. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2000 , 33, 297-302		
17	Exploring Performance Assessment Scenarios in Collaborative Business Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 81-91	0.5	
16	Comparison of Normalization Techniques on Data Sets With Outliers. <i>International Journal of Decision Support System Technology</i> , 2022 , 14, 1-17	0.7	
15	Working Beside Robots: A Glimpse into the Future. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 138-147	0.5	
14	Collaborative Trusted Digital Services for Citizens. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 212-223	0.5	
13	Towards an Execution System for Distributed Business Processes in a Virtual Enterprise. <i>Lecture Notes in Computer Science</i> , 2000 , 149-162	0.9	
12	Development of a Conceptual Architecture for the Energy Management of Building Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 418-430	0.5	
11	Evaluating the Applicability and Utility of an Elderly Care Ecosystem. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 365-378	0.5	
10	Human Factor in Designing an Elderly Care Ecosystem. <i>Advances in IT Personnel and Project Management</i> , 2020 , 106-131	0.3	
9	Performance Indicators of a Collaborative Business Ecosystem A Simulation Study. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 3-17	0.5	
8	Application of machine learning techniques in water distribution networks assisted by domain experts. IFIP Advances in Information and Communication Technology, 1998, 121-136	0.5	
7	Towards Cloud-Based Engineering Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 3-10	0.5	
6	Towards Modeling a Collaborative Environment for Extension of Professional Active Life. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 721-732	0.5	

LIST OF PUBLICATIONS

5	AI and Simulation for Performance Assessment in Collaborative Business Ecosystems. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 3-15	0.5
4	Collaborative Cyber-Physical Systems Design Approach: Smart Home Use Case. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 92-101	0.5
3	Context-Based Decision Support System for Energy Efficiency in Industrial Plants. <i>Sustainability</i> , 2022 , 14, 3885	3.6
2	Human Factor in Designing an Elderly Care Ecosystem 2022 , 365-390	
1	Mechanisms for Service Composition in Collaborative Cyber-Physical Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2022 , 62-73	0.5