Franco Zambonelli

List of Publications by Year
in descending order

218 papers	5,929 citations	136950 32 h-index	102487 66 g-index
234 all docs	234 docs citations	234 times ranked	3189 citing authors

#	Article	IF	Citations
1	Developing multiagent systems. ACM Transactions on Software Engineering and Methodology, 2003, 12, 317-370.	6.0	944
2	A survey of autonomic communications. ACM Transactions on Autonomous and Adaptive Systems, 2006, 1, 223-259.	0.8	521
3	Looking ahead in pervasive computing: Challenges and opportunities in the era of cyber–physical convergence. Pervasive and Mobile Computing, 2012, 8, 2-21.	3.3	239
4	Coordination for Internet Application Development. Autonomous Agents and Multi-Agent Systems, 1999, 2, 251-269.	2.1	229
5	Challenges and Research Directions in Agent-Oriented Software Engineering. Autonomous Agents and Multi-Agent Systems, 2004, 9, 253-283.	2.1	187
6	Programming pervasive and mobile computing applications. ACM Transactions on Software Engineering and Methodology, 2009, 18, 1-56.	6.0	180
7	Case studies for self-organization in computer science. Journal of Systems Architecture, 2006, 52, 443-460.	4.3	141
8	Organisational Abstractions for the Analysis and Design of Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 235-251.	1.3	131
9	ORGANISATIONAL RULES AS AN ABSTRACTION FOR THE ANALYSIS AND DESIGN OF MULTI-AGENT SYSTEMS. International Journal of Software Engineering and Knowledge Engineering, 2001, 11, 303-328.	0.8	116
10	Extracting urban patterns from location-based social networks. , 2011, , .		93
11	Developing pervasive multi-agent systems with nature-inspired coordination. Pervasive and Mobile Computing, 2015, 17, 236-252.	3.3	75
12	Agent-Oriented Software Engineering for Internet Applications. , 2001, , 326-346.		75
13	Process models for agent-based development. Engineering Applications of Artificial Intelligence, 2005, 18, 205-222.	8.1	67
14	EXPERIMENTS OF MORPHOGENESIS IN SWARMS OF SIMPLE MOBILE ROBOTS. Applied Artificial Intelligence, 2004, 18, 903-919.	3.2	62
15	A Study of Some Multi-agent Meta-models. Lecture Notes in Computer Science, 2005, , 62-77.	1.3	62
16	Social sensors and pervasive services: Approaches and perspectives. , 2011, , .		62
17	Key Abstractions for IoT-Oriented Software Engineering. IEEE Software, 2017, 34, 38-45.	1.8	62
18	Spatial Coordination of Pervasive Services through Chemical-Inspired Tuple Spaces. ACM Transactions on Autonomous and Adaptive Systems, 2011, 6, 1-24.	0.8	57

#	Article	IF	Citations
19	Pervasive pheromone-based interaction with RFID tags. ACM Transactions on Autonomous and Adaptive Systems, 2007, 2, 4.	0.8	56
20	Pervasive urban crowdsourcing: Visions and challenges. , 2011, , .		56
21	Landslide monitoring with sensor networks: experiences and lessons learnt from a real-world deployment. International Journal of Sensor Networks, 2011, 10, 111.	0.4	53
22	Self-aware Pervasive Service Ecosystems. Procedia Computer Science, 2011, 7, 197-199.	2.0	52
23	Detecting activities from body-worn accelerometers via instance-based algorithms. Pervasive and Mobile Computing, 2010, 6, 482-495.	3.3	51
24	On Self-Adaptation, Self-Expression, and Self-Awareness in Autonomic Service Component Ensembles. , 2011, , .		51
25	A survey on nature–inspired metaphors for pervasive service ecosystems. International Journal of Pervasive Computing and Communications, 2011, 7, 186-204.	1.3	50
26	Software Engineering for Self-Adaptive Systems: Research Challenges in the Provision of Assurances. Lecture Notes in Computer Science, 2017, , 3-30.	1.3	49
27	Toward Sociotechnical Urban Superorganisms. Computer, 2012, 45, 76-78.	1.1	48
28	A Simple Model and Infrastructure for Context-Aware Browsing of the World. , 2007, , .		45
29	SOTA: Towards a General Model for Self-Adaptive Systems. , 2012, , .		45
30	Infrastructures for the environment of multiagent systems. Autonomous Agents and Multi-Agent Systems, 2006, 14, 49-60.	2.1	42
31	Towards a taxonomy of adaptive agent-based collaboration patterns for autonomic service ensembles. , 2011, , .		42
32	Multiagent System Engineering: The Coordination Viewpoint. Lecture Notes in Computer Science, 2000, , 250-259.	1.3	41
33	Signs of a Revolution in Computer Science and Software Engineering. Lecture Notes in Computer Science, 2003, , 13-28.	1.3	41
34	Towards a paradigm change in computer science and software engineering: a synthesis. Knowledge Engineering Review, 2003, 18, 329-342.	2.6	39
35	An Argumentation-Based Perspective Over the Social IoT. IEEE Internet of Things Journal, 2018, 5, 2537-2547.	8.7	39
36	BRAIN: A Framework for Flexible Role-Based Interactions in Multiagent Systems. Lecture Notes in Computer Science, 2003, , 145-161.	1.3	38

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37	Spray computers: Explorations in self-organization. Pervasive and Mobile Computing, 2005, 1, 1-20.	3.3	38
38	Coordination of Autonomous Vehicles. ACM Computing Surveys, 2022, 54, 1-33.	23.0	37
39	A biochemical approach to adaptive service ecosystems. Information Sciences, 2010, 180, 1876-1892.	6.9	36
40	Evaluating Originâ€"Destination Matrices Obtained from CDR Data. Sensors, 2019, 19, 4470.	3.8	36
41	Programming stigmergic coordination with the TOTA middleware. , 2005, , .		34
42	Pervasive computing middleware: current trends and emerging challenges. CCF Transactions on Pervasive Computing and Interaction, 2019, 1, 10-23.	2.6	33
43	XML dataspaces for mobile agent coordination. , 2000, , .		32
44	Pervasive social context. ACM Transactions on Intelligent Systems and Technology, 2013, 4, 1-22.	4.5	31
45	Algorithmic Governance in Smart Cities: The Conundrum and the Potential of Pervasive Computing Solutions. IEEE Technology and Society Magazine, 2018, 37, 80-87.	0.8	31
46	Multi-Agent Systems as Computational Organizations. , 2005, , 136-171.		31
47	Automatic Analysis of Geotagged Photos for Intelligent Tourist Services. , 2010, , .		29
48	Injecting Self-Organisation into Pervasive Service Ecosystems. Mobile Networks and Applications, 2013, 18, 398-412.	3.3	28
49	Re-identification and information fusion between anonymized CDR and social network data. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 83-96.	4.9	27
50	Continual learning in sensor-based human activity recognition: An empirical benchmark analysis. Information Sciences, 2021, 575, 1-21.	6.9	27
51	ASCENS: Engineering Autonomic Service-Component Ensembles. Lecture Notes in Computer Science, 2013, , 1-24.	1.3	27
52	The Gaia Methodology. , 2004, , 69-88.		26
53	A taxonomy of architectural patterns for self-adaptive systems. , 2013, , .		26
54	MyAds: A system for adaptive pervasive advertisements. Pervasive and Mobile Computing, 2009, 5, 385-401.	3.3	25

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55	Coordination Infrastructures for Future Smart Social Mobility Services. IEEE Intelligent Systems, 2014, 29, 78-82.	4.0	25
56	Model Checking Goal-Oriented Requirements for Self-Adaptive Systems. , 2012, , .		24
57	The Ensemble Development Life Cycle and Best Practices for Collective AutonomicÂSystems. Lecture Notes in Computer Science, 2015, , 325-354.	1.3	24
58	Self-organizing virtual macro sensors. ACM Transactions on Autonomous and Adaptive Systems, 2012, 7, 1-28.	0.8	23
59	Engineering Pervasive Service Ecosystems. ACM Transactions on Autonomous and Adaptive Systems, 2015, 10, 1-27.	0.8	23
60	Spatial Computing: An Emerging Paradigm for Autonomic Computing and Communication. Lecture Notes in Computer Science, 2005, , 44-57.	1.3	22
61	ADAPTABLE MULTI-AGENT SYSTEMS: THE CASE OF THE GAIA METHODOLOGY. International Journal of Software Engineering and Knowledge Engineering, 2011, 21, 491-521.	0.8	22
62	Coordination and Access Control in Open Distributed Agent Systems: The TuCSoN Approach. Lecture Notes in Computer Science, 2000, , 99-114.	1.3	22
63	Self-maintained distributed tuples for field-based coordination in dynamic networks. , 2004, , .		21
64	Comparing Deep Learning and Statistical Methods in Forecasting Crowd Distribution from Aggregated Mobile Phone Data. Applied Sciences (Switzerland), 2020, 10, 6580.	2.5	21
65	Agents for information retrieval: Issues of mobility and coordination. Journal of Systems Architecture, 2000, 46, 1419-1433.	4.3	20
66	Role-based software agent interaction models: a survey. Knowledge Engineering Review, 2010, 25, 397-419.	2.6	20
67	A Life Cycle for the Development of Autonomic Systems: The E-mobility Showcase. , 2013, , .		19
68	Collective Awareness for Human-ICT Collaboration in Smart Cities. , 2013, , .		19
69	On the effect of human mobility to the design of metropolitan mobile opportunistic networks of sensors. Pervasive and Mobile Computing, 2017, 38, 215-232.	3.3	19
70	Unsupervised Domain Adaptation in Activity Recognition: A GAN-Based Approach. IEEE Access, 2021, 9, 19421-19438.	4.2	19
71	Supporting location-aware services for mobile users with the whereabouts diary. , 2008, , .		19
72	Autonomic communication services: a new challenge for software agents. Autonomous Agents and Multi-Agent Systems, 2008, 17, 457-475.	2.1	18

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73	LOAD BALANCING STRATEGIES FOR MASSIVELY PARALLEL ARCHITECTURES. Parallel Processing Letters, 1992, 02, 139-148.	0.6	17
74	Making tuple spaces physical with RFID tags. , 2006, , .		17
75	Engineering contextual knowledge for autonomic pervasive services. Information and Software Technology, 2008, 50, 36-50.	4.4	17
76	SimSOTA. , 2013, , .		17
77	Engineering self-organizing urban superorganisms. Engineering Applications of Artificial Intelligence, 2015, 41, 325-332.	8.1	17
78	The CASCADAS Framework for Autonomic Communications. , 2009, , 147-168.		17
79	The Service Ecosystem: Dynamic Self-Aggregation of Pervasive Communication Services. , 2007, , .		16
80	Lifelong Learning in Sensor-Based Human Activity Recognition. IEEE Pervasive Computing, 2019, 18, 49-58.	1.3	16
81	Self-Organizing Spatial Shapes in Mobile Particles: The TOTA Approach. Lecture Notes in Computer Science, 2005, , 138-153.	1.3	14
82	A roadmap towards sustainable self-aware service systems. , 2010, , .		14
83	On Recommending Opportunistic Rides. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3328-3338.	8.0	14
84	Coordinating Distributed Speaking Objects. , 2017, , .		14
85	Role-Based Approaches for Engineering Interactions in Large-Scale Multi-agent Systems. Lecture Notes in Computer Science, 2004, , 243-263.	1.3	14
86	Pervasive Middleware Goes Social: The SAPERE Approach. , 2011, , .		13
87	Bridging vision and commonsense for multimodal situation recognition in pervasive systems. , 2012, , .		13
88	A coordination model of pervasive service ecosystems. Science of Computer Programming, 2015, 110, 3-22.	1.9	13
89	Sensing and Forecasting Crowd Distribution in Smart Cities: Potentials and Approaches. IoT, 2021, 2, 33-49.	3.8	13
90	Mobile Agent Coordination for Distributed Network Management. Journal of Network and Systems Management, 2001, 9, 435-456.	4.9	12

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91	Xml dataspaces for the coordination of internet agents. Applied Artificial Intelligence, 2001, 15, 35-58.	3.2	12
92	Spatial Computing: The TOTA Approach. Lecture Notes in Computer Science, 2005, , 307-324.	1.3	12
93	Extracting High-Level Information from Location Data: The W4 Diary Example. Mobile Networks and Applications, 2009, 14, 107-119.	3.3	12
94	Integrating pervasive middleware with social networks in SAPERE. , 2011, , .		12
95	Towards nature-inspired pervasive service ecosystems: Concepts and simulation experiences. Journal of Network and Computer Applications, 2011, 34, 589-602.	9.1	12
96	The SOTA approach to engineering collective adaptive systems. International Journal on Software Tools for Technology Transfer, 2020, 22, 399-415.	1.9	12
97	Knowledge Networks. Lecture Notes in Computer Science, 2006, , 99-114.	1.3	12
98	A proxy-based framework to support synchronous cooperation on the Web. Software - Practice and Experience, 1999, 29, 1241-1263.	3.6	11
99	Virtual visits to cultural heritage supported by web-agents. Information and Software Technology, 2004, 46, 173-184.	4.4	11
100	Adaptive organizational changes in agent-oriented methodologies. Knowledge Engineering Review, 2011, 26, 175-190.	2.6	11
101	ContrasGAN: Unsupervised domain adaptation in Human Activity Recognition via adversarial and contrastive learning. Pervasive and Mobile Computing, 2021, 78, 101477.	3.3	11
102	Self-Organized Data Ecologies for Pervasive Situation-Aware Services: The Knowledge Networks Approach. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 789-802.	2.9	10
103	Twenty Years of Coordination Technologies: State-of-the-Art and Perspectives. Lecture Notes in Computer Science, 2018, , 51-80.	1.3	10
104	Formalising Adaptation Patterns for Autonomic Ensembles. Lecture Notes in Computer Science, 2014, , 100-118.	1.3	10
105	MAS as Complex Systems: A View on the Role of Declarative Approaches. Lecture Notes in Computer Science, 2004, , 1-16.	1.3	10
106	Architecture and Metaphors for Eternally Adaptive Service Ecosystems. Studies in Computational Intelligence, 2008, , 23-32.	0.9	10
107	Self-expression and Dynamic Attribute-Based Ensembles in SCEL. Lecture Notes in Computer Science, 2014, , 147-163.	1.3	10
108	Dealing with Adaptive Multi-agent Organizations in the Gaia Methodology. Lecture Notes in Computer Science, 2006, , 109-123.	1.3	9

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109	Autonomic communication learns from nature. IEEE Potentials, 2007, 26, 42-46.	0.3	9
110	Self-Organizing Spatial Regions for Sensor Network Infrastructures. , 2007, , .		9
111	Continual Activity Recognition with Generative Adversarial Networks. ACM Transactions on Internet of Things, 2021, 2, 1-25.	4.6	9
112	Performance comparison of load balancing policies based on a diffusion scheme. Lecture Notes in Computer Science, 1997, , 882-886.	1.3	8
113	Exploiting biased load information in direct-neighbour load balancing policies. Parallel Computing, 1999, 25, 745-766.	2.1	8
114	Pervasive Self-Learning with Multi-modal Distributed Sensors. , 2008, , .		8
115	HPC from a self-organisation perspective: The case of crowd steering at the urban scale. , 2014, , .		8
116	Is social capital associated with synchronization in human communication? An analysis of Italian call records and measures of civic engagement. EPJ Data Science, 2018, 7, .	2.8	8
117	Auctio-Based Agent Negotiation via Programmable Tuple Spaces. Lecture Notes in Computer Science, 2000, , 83-94.	1.3	7
118	Coordination infrastructures for mobile agents. Microprocessors and Microsystems, 2001, 25, 85-92.	2.8	7
119	A survey of coordination middleware for XML-centric applications. Knowledge Engineering Review, 2002, 17, 389-405.	2.6	7
120	Handling dynamics in diffusive aggregation schemes: An evaporative approach. Future Generation Computer Systems, 2010, 26, 877-889.	7.5	7
121	The changing role of pervasive middleware: From discovery and orchestration to recommendation and planning. , 2011, , .		7
122	Integrating social sensors and pervasive services: approaches and perspectives. International Journal of Pervasive Computing and Communications, 2013, 9, 294-310.	1.3	7
123	Programming Self-organizing Pervasive Applications with SAPERE. Studies in Computational Intelligence, 2014, , 93-102.	0.9	7
124	Challenges in Composing and Decomposing Assurances for Self-Adaptive Systems. Lecture Notes in Computer Science, 2017, , 64-89.	1.3	7
125	XLearn. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-28.	4.5	7
126	Parallel Objects Migration: A Fine Grained Approach to Load Distribution. Journal of Parallel and Distributed Computing, 2000, 60, 48-71.	4.1	6

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127	Nature-Inspired Spatial Metaphors for Pervasive Service Ecosystems. , 2008, , .		6
128	A Self-organizing Architecture for Pervasive Ecosystems. Lecture Notes in Computer Science, 2010, , 275-300.	1.3	6
129	Is Self-Expression Useful? Evaluation by a Case Study. , 2013, , .		6
130	The superorganism of massive collective wearables. , 2014, , .		6
131	Knowledge networks for pervasive services. , 2009, , .		5
132	A Coordination Approach to Adaptive Pervasive Service Ecosystems. , 2011, , .		5
133	Collective awareness and action in urban superorganisms. , 2013, , .		5
134	Self-managing and self-organising mobile computing applications. , 2014, , .		5
135	Towards a general infrastructure for location-based smart mobility services. , 2014, , .		5
136	A self-aware, reconfigurable architecture for context awareness. , 2014, , .		5
137	Spotting prejudice with nonverbal behaviours. , 2016, , .		5
138	Urban Crowd Steering: An Overview. Lecture Notes in Computer Science, 2015, , 143-154.	1.3	5
139	How to achieve modularity in distributed object allocation. ACM SIGPLAN Notices, 1997, 32, 75-82.	0.2	5
140	Parallel object allocation via user-specified directives: A case study in traffic simulation. Parallel Computing, 2001, 27, 223-241.	2.1	4
141	Deadlock-Free Incremental Replay of Message-Passing Programs. Journal of Parallel and Distributed Computing, 2001, 61, 667-678.	4.1	4
142	Self-maintained distributed tuples for field-based coordination in dynamic networks. Concurrency Computation Practice and Experience, 2006, 18, 427-443.	2.2	4
143	A platform for pervasive combinatorial trading with opportunistic self-aggregation. , 2008, , .		4
144	Profile based comparative analysis for AOSE methodologies evaluation. , 2008, , .		4

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145	Towards a Coordination Approach to Adaptive Pervasive Service Ecosystems. , 2011, , .		4
146	Approaches to fast sequential inventory and path following in RFID-enriched environments. International Journal of Radio Frequency Identification Technology and Applications, 2012, 4, 28.	0.5	4
147	Towards Simulating Architectural Patterns for Self-Aware and Self-Adaptive Systems. , 2012, , .		4
148	Evaluating the Performance of Social Networks of Sensors under Different Mobility Models. , 2013, , .		4
149	Using Patterns of Social Dynamics in the Design of Social Networks of Sensors. , 2013, , .		4
150	CAMeL: A Self-Adaptive Framework for Enriching Context-Aware Middlewares with Machine Learning Capabilities. Mobile Information Systems, 2019, 2019, 1-15.	0.6	4
151	Agent Design from the Autonomy Perspective. Lecture Notes in Computer Science, 2004, , 140-150.	1.3	4
152	Engineering and implementing software architectural patterns based on feedback loops. Scalable Computing, 2015, 15, .	1.0	4
153	Patterns for self-adaptive systems: agent-based simulations. EAI Endorsed Transactions on Self-Adaptive Systems, 2015, 1, e4.	0.5	4
154	High-level management of allocation in a parallel objects environment. Journal of Systems Architecture, 1998, 45, 47-63.	4.3	3
155	THEORY AND PRACTICE OF FIELD-BASED MOTION COORDINATION IN MULTIAGENT SYSTEMS. Applied Artificial Intelligence, 2006, 20, 305-326.	3.2	3
156	Contextual Data Management and Retrieval: A Self-Organized Approach. , 2009, , .		3
157	Self-organized control of knowledge generation in pervasive computing systems. , 2009, , .		3
158	Adaptive pervasive advertisement: scenarios and strategies. International Journal of Pervasive Computing and Communications, 2010, 6, 333-351.	1.3	3
159	All-About Digital Diaries: Opportunities and Challenges. IT Professional, 2011, 13, 37-43.	1.5	3
160	Improving Situation Recognition via Commonsense Sensor Fusion. , 2011, , .		3
161	Improving comparative analysis for the evaluation of AOSE methodologies. International Journal of Agent Oriented Software Engineering, 2011, 4, 331.	0.4	3
162	Experiences on sensor fusion with commonsense reasoning. , 2012, , .		3

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163	Design and implementation of a socially-enhanced pervasive middleware. , 2012, , .		3
164	A Bio-chemical Approach to Awareness in Pervasive Systems. , 2013, , .		3
165	Social Feedback in Display Ecosystems. , 2013, , .		3
166	Engineering emergence in Multi-Agent Systems: Following the problem organisation. , 2014, , .		3
167	Collective adaptation in very large scale ubicomp. , 2015, , .		3
168	Spatial awareness in pervasive ecosystems. Knowledge Engineering Review, 2016, 31, 343-366.	2.6	3
169	Agent abstractions for engineering IoT systems: A case study in smart healthcare. , 2017, , .		3
170	Twenty years of coordination technologies: COORDINATION contribution to the state of art. Journal of Logical and Algebraic Methods in Programming, 2020, 113, 100531.	0.5	3
171	Augmenting the Physical Environment Through Embedded Wireless Technologies. Lecture Notes in Computer Science, 2006, , 187-204.	1.3	3
172	From SOA to Pervasive Service Ecosystems. Advances in Web Technologies and Engineering Book Series, 0, , 207-237.	0.4	3
173	Degrees of Autonomy in Coordinating Collectives of Self-Driving Vehicles. Lecture Notes in Computer Science, 2020, , 189-204.	1.3	3
174	Programming modular robots with the TOTA middleware. , 2006, , .		2
175	Self-organizing knowledge networks for pervasive situation-aware services. , 2007, , .		2
176	Towards Self-organizing Virtual Macro Sensors. , 2007, , .		2
177	Spatial Coordination of Pervasive Systems through Chemical-Inspired Tuple Spaces. , 2010, , .		2
178	Improving Activity Recognition via Satellite Imagery and Commonsense Knowledge. , 2014, , .		2
179	An Integrated Eclipse Plug-In for Engineering and Implementing Self-Adaptive Systems. , 2014, , .		2
180	Crowd Steering in Public Spaces: Approaches and Strategies. , 2015, , .		2

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181	Challenges of decentralized coordination in large-scale ubicomp systems. , 2016, , .		2
182	Risk Prediction as a Service: a DSS Architecture Promoting Interoperability and Collaboration. , 2019, , .		2
183	Following the Problem Organisation: A Design Strategy for Engineering Emergence. Studies in Computational Intelligence, 2015, , 311-317.	0.9	2
184	Towards a Human-Aware Operating System. , 2014, , .		2
185	An Adaptive Approach for the Coordination of Autonomous Vehicles at Intersections. , 2021, , .		2
186	A biochemical metaphor for developing eternally adaptive service ecosystems. , 2009, , .		1
187	Unsupervised learning in body-area networks. , 2010, , .		1
188	Towards an Infrastructure for Urban Superorganisms: Challenges and Architecture. , 2012, , .		1
189	Modeling Self-Expression by holons. , 2014, , .		1
190	Opportunistic Ride Sharing via Whereabouts Analysis. , 2015, , .		1
191	Fluidware: An Approach Towards Adaptive and Scalable Programming of the IoT. Lecture Notes in Computer Science, 2019, , 411-427.	1.3	1
192	Developing an ML pipeline for asthma and COPD: The case of a Dutch primary care service. International Journal of Intelligent Systems, 2021, 36, 6763-6790.	5.7	1
193	Field-Based Coordination for Pervasive Computing Applications. Lecture Notes in Computer Science, 2008, , 376-386.	1.3	1
194	Engineering Pervasive Multiagent Systems in SAPERE. Lecture Notes in Computer Science, 2013, , 196-214.	1.3	1
195	BEST PAPERS FROM EUMAS 2003: THE 1ST EUROPEAN WORKSHOP ON MULTI-AGENT SYSTEMS. Applied Artificial Intelligence, 2004, 18, 775-778.	3.2	0
196	Self-Organizing Services for Browsing the World: Challenges and Directions. Parallel, Distributed and Network-based Processing, Proceedings of the Euromicro Workshop on, 2007, , .	0.0	0
197	An evaporative approach to handle dynamics in diffusive aggregation schemes. , 2009, , .		0
198	Handling dynamics in gossip-based aggregation schemes. , 2009, , .		0

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199	Simulation experiences with an ecological approach for pervasive service systems. , 2010, , .		0
200	Message from the workshops chairs. , 2011, , .		0
201	"All-about" diaries. , 2011, , .		0
202	Introduction to the special section on pervasive adaptation. ACM Transactions on Autonomous and Adaptive Systems, 2012, 7, 1-2.	0.8	0
203	Behavior Predictability Despite Non-Determinism in the SAPERE Ecosystem. , 2012, , .		0
204	Keynote: Mobility in socio-technical urban organisms: From sensing to steering. , 2012, , .		0
205	The socio-technical superorganism vision. , 2014, , .		0
206	Human aware superorganisms. , 2014, , .		0
207	Engineering Environment-Mediated Coordination via Nature-Inspired Laws. Lecture Notes in Computer Science, 2015, , 63-75.	1.3	0
208	Designing a Collaborative Middleware for Semantic and User-Aware Service Composition. , 2016, , .		0
209	Towards Adaptive Flow Programming for the IoT: The Fluidware Approach. , 2019, , .		0
210	Distributed Speaking Objects: A Case for Massive Multiagent Systems. Lecture Notes in Computer Science, 2019, , 3-20.	1.3	0
211	Contextual Data Management and Retrieval: A Self-organized Approach. Studies in Computational Intelligence, 2010, , 145-162.	0.9	0
212	Augmenting Mobile Localization with Activities and Common Sense Knowledge. Lecture Notes in Computer Science, 2011, , 72-81.	1.3	0
213	Middleware Infrastructures for Self-organising Pervasive Computing Systems. Natural Computing Series, 2011, , 313-344.	2.2	0
214	Multiagent Environment Design for Pervasive Human-ICT Systems: The SAPERE Approach. , 2013, , 573-580.		0
215	Social Collective Awareness in Socio-Technical Urban Superorganisms. , 2014, , 227-241.		0
216	Engineering IoT Systems Through Agent Abstractions: Smart Healthcare as a Case Study. Lecture Notes in Computer Science, 2017, , 25-39.	1.3	0

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217	Argumentation-Based Coordination in IoT: A Speaking Objects Proof-of-Concept. Lecture Notes in Computer Science, 2019, , 169-180.	1.3	0
218	Time-Fluid Field-Based Coordination. Lecture Notes in Computer Science, 2020, , 193-210.	1.3	0