Schahram Dustdar

List of Publications by Year
in descending order

708 papers	21,576 citations	26626 56 h-index	19188 118 g-index
750 all docs	750 docs citations	750 times ranked	12038 citing authors

#	Article	IF	Citations
1	A survey on context-aware systems. International Journal of Ad Hoc and Ubiquitous Computing, 2007, 2, 263.	0.5	1,442
2	Service-Oriented Computing: State of the Art and Research Challenges. Computer, 2007, 40, 38-45.	1.1	1,093
3	The Promise of Edge Computing. Computer, 2016, 49, 78-81.	1.1	874
4	A survey on web services composition. International Journal of Web and Grid Services, 2005, 1, 1.	0.5	680
5	Software Engineering for Self-Adaptive Systems: A Research Roadmap. Lecture Notes in Computer Science, 2009, , 1-26.	1.3	624
6	Process Mining Manifesto. Lecture Notes in Business Information Processing, 2012, , 169-194.	1.0	546
7	SERVICE-ORIENTED COMPUTING: A RESEARCH ROADMAP. International Journal of Cooperative Information Systems, 2008, 17, 223-255.	0.8	485
8	Edge Intelligence: The Confluence of Edge Computing and Artificial Intelligence. IEEE Internet of Things Journal, 2020, 7, 7457-7469.	8.7	480
9	Blockchains for Business Process Management - Challenges and Opportunities. ACM Transactions on Management Information Systems, 2018, 9, 1-16.	2.8	404
10	Software Engineering for Self-Adaptive Systems: A Second Research Roadmap. Lecture Notes in Computer Science, 2013, , 1-32.	1.3	317
11	Osmotic Computing: A New Paradigm for Edge/Cloud Integration. IEEE Cloud Computing, 2016, 3, 76-83.	3.9	301
12	Quality Control in Crowdsourcing Systems: Issues and Directions. IEEE Internet Computing, 2013, 17, 76-81.	3.3	298
13	When things matter: A survey on data-centric internet of things. Journal of Network and Computer Applications, 2016, 64, 137-153.	9.1	261
14	Services Mashups: The New Generation of Web Applications. IEEE Internet Computing, 2008, 12, 13-15.	3.3	219
15	Non-intrusive monitoring and service adaptation for WS-BPEL. , 2008, , .		219
16	AI for next generation computing: Emerging trends and future directions. Internet of Things (Netherlands), 2022, 19, 100514.	7.7	202
17	A service computing manifesto. Communications of the ACM, 2017, 60, 64-72.	4.5	180
18	Towards QoS-Aware Fog Service Placement. , 2017, , .		177

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19	Social-Network-Sourced Big Data Analytics. IEEE Internet Computing, 2013, 17, 62-69.	3.3	176
20	A survey on context-aware web service systems. International Journal of Web Information Systems, 2009, 5, 5-31.	2.4	171
21	A Serverless Real-Time Data Analytics Platform for Edge Computing. IEEE Internet Computing, 2017, 21, 64-71.	3.3	164
22	Web AR: A Promising Future for Mobile Augmented Reality—State of the Art, Challenges, and Insights. Proceedings of the IEEE, 2019, 107, 651-666.	21.3	153
23	Low level Metrics to High level SLAs - LoM2HiS framework: Bridging the gap between monitored metrics and SLA parameters in cloud environments. , 2010, , .		151
24	Principles for Engineering IoT Cloud Systems. IEEE Cloud Computing, 2015, 2, 68-76.	3.9	141
25	The view-based approach to dynamic inter-organizational workflow cooperation. Data and Knowledge Engineering, 2006, 56, 139-173.	3.4	137
26	Principles of Elastic Processes. IEEE Internet Computing, 2011, 15, 66-71.	3.3	136
27	CloudArmor: Supporting Reputation-Based Trust Management for Cloud Services. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 367-380.	5.6	128
28	A survey on self-healing systems: approaches and systems. Computing (Vienna/New York), 2011, 91, 43-73.	4.8	125
29	A vector space search engine for Web services. , 2005, , .		117
30	Caramba—A Process-Aware Collaboration System Supporting Ad hoc and Collaborative Processes in Virtual Teams. Distributed and Parallel Databases, 2004, 15, 45-66.	1.6	101
31	Optimized container scheduling for data-intensive serverless edge computing. Future Generation Computer Systems, 2021, 114, 259-271.	7.5	100
32	Monitoring, Prediction and Prevention of SLA Violations in Composite Services. , 2010, , .		98
33	Optimal Application Deployment in Resource Constrained Distributed Edges. IEEE Transactions on Mobile Computing, 2021, 20, 1907-1923.	5.8	98
34	Provisioning Software-Defined IoT Cloud Systems. , 2014, , .		96
35	Web service clustering using multidimensional angles as proximity measures. ACM Transactions on Internet Technology, 2009, 9, 1-26.	4.4	94
36	Serverless Edge Computing: Vision and Challenges. , 2021, , .		92

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37	Unifying Human and Software Services in Web-Scale Collaborations. IEEE Internet Computing, 2008, 12, 62-68.	3.3	91
38	Modeling and mining of dynamic trust in complex service-oriented systems. Information Systems, 2010, 35, 735-757.	3.6	89
39	Comparing and Combining Predictive Business Process Monitoring Techniques. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 276-290.	9.3	89
40	Going Back to the Roots—The Evolution of Edge Computing, An IoT Perspective. IEEE Internet Computing, 2018, 22, 5-15.	3.3	84
41	A context-based mediation approach to compose semantic Web services. ACM Transactions on Internet Technology, 2007, 8, 4.	4.4	82
42	From Big Data to Big Service. Computer, 2015, 48, 80-83.	1.1	82
43	From Monolithic to Microservices: An Experience Report from the Banking Domain. IEEE Software, 2018, 35, 50-55.	1.8	82
44	On the Evaluation of Quality of Context. Lecture Notes in Computer Science, 2008, , 140-153.	1.3	82
45	Process Mining Put into Context. IEEE Internet Computing, 2012, 16, 82-86.	3.3	80
46	From the Service-Oriented Architecture to the Web API Economy. IEEE Internet Computing, 2016, 20, 64-68.	3.3	79
47	Bootstrapping Performance and Dependability Attributes ofWeb Services. , 2006, , .		78
48	Cloud Resource Orchestration Programming: Overview, Issues, and Directions. IEEE Internet Computing, 2015, 19, 46-56.	3.3	78
49	MOVING APPLICATIONS TO THE CLOUD: AN APPROACH BASED ON APPLICATION MODEL ENRICHMENT. International Journal of Cooperative Information Systems, 2011, 20, 307-356.	0.8	77
50	Next generation technologies for smart healthcare: challenges, vision, model, trends and future directions. Internet Technology Letters, 2020, 3, e145.	1.9	77
51	End-to-End Support for QoS-Aware Service Selection, Binding, and Mediation in VRESCo. IEEE Transactions on Services Computing, 2010, 3, 193-205.	4.6	76
52	SYBL: An Extensible Language for Controlling Elasticity in Cloud Applications. , 2013, , .		74
53	Incentives and rewarding in social computing. Communications of the ACM, 2013, 56, 72-82.	4.5	74
54	The Next Grand Challenges: Integrating the Internet of Things and Data Science. IEEE Cloud Computing, 2018, 5, 12-26.	3.9	74

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55	Comprehensive QoS monitoring of Web services and event-based SLA violation detection. , 2009, , .		72
56	Perspectives on grid computing. Future Generation Computer Systems, 2010, 26, 1104-1115.	7.5	71
57	Cost-Based Optimization of Service Compositions. IEEE Transactions on Services Computing, 2013, 6, 239-251.	4.6	71
58	IoTSimâ€Edge: A simulation framework for modeling the behavior of Internet of Things and edge computing environments. Software - Practice and Experience, 2020, 50, 844-867.	3.6	69
59	The Social Compute Unit. IEEE Internet Computing, 2011, 15, 64-69.	3.3	68
60	A Utility-Aware General Framework With Quantifiable Privacy Preservation for Destination Prediction in LBSs. IEEE/ACM Transactions on Networking, 2021, 29, 2228-2241.	3.8	68
61	Pervasive Software Environments for Supporting Disaster Responses. IEEE Internet Computing, 2008, 12, 26-37.	3.3	66
62	Auction-based crowdsourcing supporting skill management. Information Systems, 2013, 38, 547-560.	3.6	64
63	Mining of ad-hoc business processes with TeamLog. Data and Knowledge Engineering, 2005, 55, 129-158.	3.4	63
64	Monitoring and Analyzing Influential Factors of Business Process Performance. , 2009, , .		63
65	Context-driven personalized service discovery in pervasive environments. World Wide Web, 2011, 14, 295-319.	4.0	63
66	Business Rules Integration in BPEL — A Service-Oriented Approach. , 0, , .		62
67	An End-to-End Approach for QoS-Aware Service Composition. , 2009, , .		62
68	On analyzing and specifying concerns for data as a service. , 2009, , .		62
69	Web-Based Management of the Internet of Things. IEEE Internet Computing, 2015, 19, 60-67.	3.3	62
70	Composable cost estimation and monitoring for computational applications in cloud computing environments. Procedia Computer Science, 2010, 1, 2175-2184.	2.0	61
71	Winds of Change: From Vendor Lock-In to the Meta Cloud. IEEE Internet Computing, 2013, 17, 69-73.	3.3	58
72	Quality of Context: models and applications for context-aware systems in pervasive environments. Knowledge Engineering Review, 2014, 29, 154-170.	2.6	58

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73	A New Era for Web AR with Mobile Edge Computing. IEEE Internet Computing, 2018, 22, 46-55.	3.3	58
74	End-to-End Versioning Support for Web Services. , 2008, , .		56
75	Data-driven and automated prediction of service level agreement violations in service compositions. Distributed and Parallel Databases, 2013, 31, 447-470.	1.6	55
76	Deviceless edge computing. , 2017, , .		55
77	Are our homes ready for services? A domotic infrastructure based on the Web service stack. Pervasive and Mobile Computing, 2008, 4, 506-525.	3.3	53
78	Compliant Cloud Computing (C3): Architecture and Language Support for User-Driven Compliance Management in Clouds. , 2010, , .		53
79	EMMA: Distributed QoS-Aware MQTT Middleware for Edge Computing Applications. , 2018, , .		52
80	Distributed Redundant Placement for Microservice-based Applications at the Edge. IEEE Transactions on Services Computing, 2022, 15, 1732-1745.	4.6	50
81	Modeling process-driven and service-oriented architectures using patterns and pattern primitives. ACM Transactions on the Web, 2007, 1, 14.	2.5	49
82	Daios: Efficient Dynamic Web Service Invocation. IEEE Internet Computing, 2009, 13, 72-80.	3.3	49
83	PatRICIA -- A Novel Programming Model for IoT Applications on Cloud Platforms. , 2013, , .		49
84	A Scalable Framework for Provisioning Large-Scale IoT Deployments. ACM Transactions on Internet Technology, 2016, 16, 1-20.	4.4	49
85	WITS: an IoT-endowed computational framework for activity recognition in personalized smart homes. Computing (Vienna/New York), 2018, 100, 369-385.	4.8	49
86	Web services engineering. , 2002, , .		48
87	Identifying influential factors of business process performance using dependency analysis. Enterprise Information Systems, 2011, 5, 79-98.	4.7	48
88	A Service Oriented Architecture Framework for Collaborative Services. , 0, , .		47
89	Towards Automated IoT Application Deployment by a Cloud-Based Approach. , 2013, , .		47
90	Mobile web augmented reality in 5G and beyond: Challenges, opportunities, and future directions. China Communications, 2019, 16, 141-154.	3.2	47

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91	WORKPAD: an Adaptive Peer-to-Peer Software Infrastructure for Supporting Collaborative Work of Human Operators in Emergency/Disaster Scenarios. , 0, , .		46
92	VIDRE--A Distributed Service-Oriented Business Rule Engine based on RuleML. 2006 10th IEEE International Enterprise Distributed Object Computing Conference (EDOC'06), 2006, , .	0.0	46
93	IoT Design Patterns: Computational Constructs to Design, Build and Engineer Edge Applications. , 2016, , .		46
94	Enabling a Smart City Application Ecosystem: Requirements and Architectural Aspects. IEEE Internet Computing, 2016, 20, 58-65.	3.3	46
95	VieSLAF Framework: Enabling Adaptive and Versatile SLA-Management. Lecture Notes in Computer Science, 2009, , 60-73.	1.3	45
96	Osmotic Flow: Osmotic Computing + IoT Workflow. IEEE Cloud Computing, 2017, 4, 68-75.	3.9	45
97	Towards a context-based multi-type policy approach for Web services composition. Data and Knowledge Engineering, 2007, 62, 327-351.	3.4	44
98	Metaheuristic Optimization of Large-Scale QoS-aware Service Compositions. , 2010, , .		44
99	Osmosis: The Osmotic Computing Platform for Microelements in the Cloud, Edge, and Internet of Things. Computer, 2019, 52, 14-26.	1.1	44
100	Runtime Prediction of Service Level Agreement Violations for Composite Services. Lecture Notes in Computer Science, 2010, , 176-186.	1.3	44
101	Task Offloading for Cloud-Assisted Fog Computing With Dynamic Service Caching in Enterprise Management Systems. IEEE Transactions on Industrial Informatics, 2023, 19, 662-672.	11.3	43
102	Multi-level Elasticity Control of Cloud Services. Lecture Notes in Computer Science, 2013, , 429-436.	1.3	42
103	Towards recovering the broken SOA triangle. , 2007, , .		41
104	Business Compliance Governance in Service-Oriented Architectures. , 2009, , .		41
105	Discovering web service workflows using web services interaction mining. International Journal of Business Process Integration and Management, 2006, 1, 256.	0.0	40
106	Esc: Towards an Elastic Stream Computing Platform for the Cloud. , 2011, , .		40
107	DEMODS: A Description Model for Data-as-a-Service. , 2012, , .		40
108	Cost-Efficient and Application SLA-Aware Client Side Request Scheduling in an Infrastructure-as-a-Service Cloud. , 2012, , .		40

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109	Edge-Assisted Distributed DNN Collaborative Computing Approach for Mobile Web Augmented Reality in 5G Networks. IEEE Network, 2020, 34, 254-261.	6.9	40
110	Edge Intelligence: The Convergence of Humans, Things, and AI. , 2019, , .		39
111	Architectural concerns in distributed and mobile collaborative systems. Journal of Systems Architecture, 2003, 49, 457-473.	4.3	38
112	Mobile Edge Computing â€" a Booster for the Practical Provisioning Approach of Web-Based Augmented Reality. , 2018, , .		38
113	Blockchain-Supported Smart City Platform for Social Value Co-Creation and Exchange. IEEE Internet Computing, 2019, 23, 19-28.	3.3	38
114	Service mediation and negotiation bootstrapping as first achievements towards self-adaptable grid and cloud services. , 2009, , .		38
115	LAYSI: A Layered Approach for SLA-Violation Propagation in Self-Manageable Cloud Infrastructures. , 2010, , .		37
116	Quality-aware service-oriented data integration. SIGMOD Record, 2012, 41, 11-19.	1.2	37
117	Compliance in service-oriented architectures: A model-driven and view-based approach. Information and Software Technology, 2012, 54, 531-552.	4.4	37
118	Interaction pattern detection in process oriented information systems. Data and Knowledge Engineering, 2007, 62, 138-155.	3.4	36
119	Analysis of Web-Scale Cloud Services. IEEE Internet Computing, 2014, 18, 55-61.	3.3	36
120	Interaction mining and skill-dependent recommendations for multi-objective team composition. Data and Knowledge Engineering, 2011, 70, 866-891.	3.4	35
121	Cloud computing for small research groups in computational science and engineering: current status and outlook. Computing (Vienna/New York), 2011, 91, 75-91.	4.8	35
122	LEONORE -- Large-Scale Provisioning of Resource-Constrained IoT Deployments. , 2015, , .		35
123	Toward Software-Defined Networking-Based IoT Frameworks: A Systematic Literature Review, Taxonomy, Open Challenges and Prospects. IEEE Access, 2022, 10, 70850-70901.	4.2	35
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125	Performance metrics and ontologies for Grid workflows. Future Generation Computer Systems, 2007, 23, 760-772.	7.5	34
126	MELA: Monitoring and Analyzing Elasticity of Cloud Services. , 2013, , .		34

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129	Application-level performance monitoring of cloud services based on the complex event processing paradigm. , 2012, , .		33
130	Self-Adaptive Resource Allocation for Elastic Process Execution. , 2013, , .		33
131	MARSA. ACM Transactions on Internet Technology, 2016, 16, 1-21.	4.4	33
132	On Distributed Computing Continuum Systems. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4092-4105.	5.7	33
133	Model-driven and pattern-based integration of process-driven SOA models. International Journal of Business Process Integration and Management, 2007, 2, 109.	0.0	32
134	Expert Discovery and Interactions in Mixed Service-Oriented Systems. IEEE Transactions on Services Computing, 2012, 5, 233-245.	4.6	32
135	Domain-specific language for event-based compliance monitoring in process-driven SOAs. Service Oriented Computing and Applications, 2013, 7, 59-73.	1.6	32
136	DIANE - Dynamic IoT Application Deployment. , 2015, , .		32
137	Migrating Smart City Applications to the Cloud. IEEE Cloud Computing, 2016, 3, 72-79.	3.9	32
138	A View Based Analysis on Web Service Registries. Distributed and Parallel Databases, 2005, 18, 147-171.	1.6	31
139	Advanced event processing and notifications in service runtime environments. , 2008, , .		31
140	Start Trusting Strangers? Bootstrapping and Prediction of Trust. Lecture Notes in Computer Science, 2009, , 275-289.	1.3	31
141	Composing Near-Optimal Expert Teams: A Trade-Off between Skills and Connectivity. Lecture Notes in Computer Science, 2010, , 472-489.	1.3	31
142	Dynamic replication and synchronization of web services for high availability in mobile ad-hoc networks. Service Oriented Computing and Applications, 2007, 1, 19-33.	1.6	30
143	Towards Living Inter-organizational Processes. , 2013, , .		30
144	Recommendations on the Internet of Things: Requirements, Challenges, and Directions. IEEE Internet Computing, 2019, 23, 46-54.	3.3	30

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145	Application of provenance in social computing: A case study. Concurrency Computation Practice and Experience, 2019, 31, e4894.	2.2	30
146	Towards Knowledge Management in Self-Adaptable Clouds. , 2010, , .		29
147	QoS-Based Task Scheduling in Crowdsourcing Environments. Lecture Notes in Computer Science, 2011, , 297-311.	1.3	29
148	Domain-Specific Service Selection for Composite Services. IEEE Transactions on Software Engineering, 2012, 38, 828-843.	5.6	29
149	MADCAT: A Methodology for Architecture and Deployment of Cloud Application Topologies. , 2014, , .		29
150	Activating the Internet of Things [Guest editors' introduction]. Computer, 2015, 48, 16-20.	1.1	29
151	Optimization of Complex Elastic Processes. IEEE Transactions on Services Computing, 2016, 9, 700-713.	4.6	29
152	Decentralized Resource Auctioning for Latency-Sensitive Edge Computing. , 2019, , .		29
153	Elastic Smart Contracts in Blockchains. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1901-1912.	13.1	29
154	Roadmap for edge AI. Computer Communication Review, 2022, 52, 28-33.	1.8	29
155	Active Web Service Registries. IEEE Internet Computing, 2007, 11, 66-71.	3.3	28
156	Towards Composition as a Service - A Quality of Service Driven Approach. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	28
157	Efficient and Scalable IoT Service Delivery on Cloud. , 2013, , .		28
158	Monitoring web service event trails for business compliance. , 2009, , .		27
159	Trustworthy interaction balancing in mixed service-oriented systems. , 2010, , .		27
160	Self-adjusting Recommendations for People-Driven Ad-Hoc Processes. Lecture Notes in Computer Science, 2010, , 327-342.	1.3	27
161	Smart cities â€" enabling services and applications. Journal of Internet Services and Applications, 2016, 7, .	2.1	27
162	Network Neutrality and Its Impact on Innovation. IEEE Internet Computing, 2018, 22, 5-7.	3.3	27

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163	Workflow Scheduling and Resource Allocation for Cloud-Based Execution of Elastic Processes. , 2013, , .		26
164	Towards Process Support for Cloud Manufacturing. , 2014, , .		26
165	Cost-Efficient Scheduling of Elastic Processes in Hybrid Clouds. , 2015, , .		26
166	User feedback in the app store. , 2018, , .		26
167	Invited Paper: Edge and Fog Computing: Vision and Research Challenges. , 2019, , .		26
168	A Deviceless Edge Computing Approach for Streaming IoT Applications. IEEE Internet Computing, 2019, 23, 37-45.	3.3	26
169	6G Vision: An AI-Driven Decentralized Network and Service Architecture. IEEE Internet Computing, 2020, 24, 33-40.	3.3	26
170	PupilRec: Leveraging Pupil Morphology for Recommending on Smartphones. IEEE Internet of Things Journal, 2022, 9, 15538-15553.	8.7	26
171	Sharing hierarchical context for mobile web services. Distributed and Parallel Databases, 2006, 21, 85-111.	1.6	25
172	Script-Based Generation of Dynamic Testbeds for SOA. , 2010, , .		25
173	Data Quality Observation in Pervasive Environments. , 2012, , .		25
174	Towards the formalization of properties of cloud-based elastic systems. , 2014, , .		25
175	Elastic Stream Processing for the Internet of Things. , 2016, , .		25
176	A Middleware Infrastructure for Utility-Based Provisioning of IoT Cloud Systems. , 2016, , .		25
177	Towards a distributed service-oriented business rules system. , 2005, , .		24
178	Design and Implementation of a Service-Oriented Business Rules Broker. , 0, , .		24
179	Web services on embedded devices. International Journal of Web Information Systems, 2006, 2, 45-50.	2.4	24
180	Service Provenance in QoS-Aware Web Service Runtimes. , 2009, , .		24

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181	Data contracts for cloud-based data marketplaces. International Journal of Computational Science and Engineering, 2012, 7, 280.	0.5	24
182	The Practice and Future of Release Engineering: A Roundtable with Three Release Engineers. IEEE Software, 2015, 32, 42-49.	1.8	24
183	Software Defined Membrane: Policy-Driven Edge and Internet of Things Security. IEEE Cloud Computing, 2017, 4, 92-99.	3.9	24
184	Running Industrial Workflow Applications in a Software-Defined Multicloud Environment Using Green Energy Aware Scheduling Algorithm. IEEE Transactions on Industrial Informatics, 2021, 17, 5645-5656.	11.3	24
185	Dependent Function Embedding for Distributed Serverless Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2346-2357.	5.6	24
186	Smart Cities. , 2017, , .		23
187	Osmotic Message-Oriented Middleware for the Internet of Things. IEEE Cloud Computing, 2018, 5, 17-25.	3.9	23
188	Elastic systems: Towards cyber-physical ecosystems of people, processes, and things. Computer Standards and Interfaces, 2018, 57, 76-82.	5.4	23
189	From the Cloud to Edge and IoT: a Smart Orchestration Architecture for Enabling Osmotic Computing. , 2018, , .		23
190	A Framework for Monitoring Microservice-Oriented Cloud Applications in Heterogeneous Virtualization Environments. , 2019, , .		23
191	Edge AR X5: An Edge-Assisted Multi-User Collaborative Framework for Mobile Web Augmented Reality in 5G and Beyond. IEEE Transactions on Cloud Computing, 2022, 10, 2521-2537.	4.4	23
192	CloudScale. , 2012, , .		22
193	Application Architecture for the Internet of Cities: Blueprints for Future Smart City Applications. IEEE Internet Computing, 2016, 20, 68-75.	3.3	22
194	Osmotic computing as a distributed multi-agent system: The Body Area Network scenario. Internet of Things (Netherlands), 2019, 5, 130-139.	7.7	22
195	Revisiting the Arguments for Edge Computing Research. IEEE Internet Computing, 2021, 25, 36-42.	3.3	22
196	Stimulating Skill Evolution in Market-Based Crowdsourcing. Lecture Notes in Computer Science, 2011, , 66-82.	1.3	22
197	Towards an access control system for mobile peer-to-peer collaborative environments. , 0, , .		21
198	Advanced QoS methods for Grid workflows based on meta-negotiations and SLA-mappings. , 2008, , .		21

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199	Runtime Behavior Monitoring and Self-Adaptation in Service-Oriented Systems. , 2010, , .		21
200	Deriving a unified fault taxonomy for event-based systems. , 2012, , .		21
201	Testing Elastic Computing Systems. IEEE Internet Computing, 2013, 17, 76-82.	3.3	21
202	Cloud resource provisioning and SLA enforcement via LoM2HiSâ€‰framework. Concurrency Computation Practice and Experience, 2013, 25, 1462-1481.	2.2	21
203	SALSA: A Framework for Dynamic Configuration of Cloud Services. , 2014, , .		21
204	Ahab: A cloudâ€based distributed big data analytics framework for the Internet of Things. Software - Practice and Experience, 2017, 47, 443-454.	3.6	21
205	Microservices: Migration of a Mission Critical System. IEEE Transactions on Services Computing, 2021, 14, 1464-1477.	4.6	21
206	A Lightweight Model-Driven Orchestration Engine for e-Services. Lecture Notes in Computer Science, 2006, , 48-57.	1.3	21
207	Trust and Reputation Mining in Professional Virtual Communities. Lecture Notes in Computer Science, 2009, , 76-90.	1.3	21
208	ESCAPE â€" An Adaptive Framework for Managing and Providing Context Information in Emergency Situations. , 2007, , 207-222.		20
209	GENESIS - A Framework for Automatic Generation and Steering of Testbeds of ComplexWeb Services. , 2008, , .		20
210	Services and Service Composition â€" An Introduction (Services und Service Komposition â€" Eine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	20
211	The Cycle of Trust in Mixed Service-Oriented Systems. , 2009, , .		20
212	Programming Human and Software-Based Web Services. Computer, 2010, 43, 82-85.	1.1	20
213	An integrated approach for identity and access management in a SOA context. , 2011, , .		20
214	COLLECTIVE PROBLEM SOLVING USING SOCIAL COMPUTE UNITS. International Journal of Cooperative Information Systems, 2013, 22, 1341002.	0.8	20
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218	Evaluating Contract Compatibility for Service Composition in the SeCO2 Framework. Lecture Notes in Computer Science, 2009, , 221-236.	1.3	20
219	ADVISE â€" A Framework for Evaluating Cloud Service Elasticity Behavior. Lecture Notes in Computer Science, 2014, , 275-290.	1.3	20
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221	Web service discovery, replication, and synchronization in ad-hoc networks. , 2006, , .		19
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228	Modelling and Analysing Resilient Cyber-Physical Systems. , 2019, , .		19
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