

Aniruddha S Gokhale

List of Publications by Citations

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

204
papers

2,228
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h-index

37
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244
ext. papers

2,727
ext. citations

1.8
avg, IF

5.11
L-index

#	Paper	IF	Citations
204	Efficient Autoscaling in the Cloud Using Predictive Models for Workload Forecasting 2011 ,		276
203	Software-Defined Networking: Challenges and research opportunities for Future Internet. <i>Computer Networks</i> , 2014 , 75, 453-471	5.4	153
202	Publish/subscribe-enabled software defined networking for efficient and scalable IoT communications 2015 , 53, 48-54		98
201	Developing applications using model-driven design environments. <i>Computer</i> , 2006 , 39, 33-40	1.6	89
200	Improving Domain-Specific Language Reuse with Software Product Line Techniques. <i>IEEE Software</i> , 2009 , 26, 47-53	1.5	50
199	Applying model-integrated computing to component middleware and enterprise applications. <i>Communications of the ACM</i> , 2002 , 45, 65-70	2.5	47
198	Measuring and optimizing CORBA latency and scalability over high-speed networks. <i>IEEE Transactions on Computers</i> , 1998 , 47, 391-413	2.5	45
197	DAnCE: A QoS-Enabled Component Deployment and Configuration Engine. <i>Lecture Notes in Computer Science</i> , 2005 , 67-82	0.9	36
196	iOverbook: Intelligent Resource-Overbooking to Support Soft Real-Time Applications in the Cloud 2014 ,		34
195	Total quality of service provisioning in middleware and applications. <i>Microprocessors and Microsystems</i> , 2003 , 27, 45-54	2.4	31
194	Introducing embedded software and systems education and advanced learning technology in an engineering curriculum. <i>Transactions on Embedded Computing Systems</i> , 2005 , 4, 549-568	1.8	30
193	Domain-Specific Modeling. <i>Chapman & Hall/CRC Computer and Information Science Series</i> , 2007 , 7-1-7-20		30
192	An Approach for Supporting Aspect-Oriented Domain Modeling. <i>Lecture Notes in Computer Science</i> , 2003 , 151-168	0.9	29
191	Dynamic Resource Management Across Cloud-Edge Resources for Performance-Sensitive Applications 2017 ,		27
190	A cloud middleware for assuring performance and high availability of soft real-time applications. <i>Journal of Systems Architecture</i> , 2014 , 60, 757-769	5.5	26
189	Model driven middleware: A new paradigm for developing distributed real-time and embedded systems. <i>Science of Computer Programming</i> , 2008 , 73, 39-58	1.1	26
188	Towards Real-Time Fault-Tolerant CORBA Middleware. <i>Cluster Computing</i> , 2004 , 7, 331-346	2.1	25

187	A self-tuning system based on application Profiling and Performance Analysis for optimizing Hadoop MapReduce cluster configuration 2013 ,		24
186	Reliable publish/subscribe middleware for time-sensitive internet-scale applications 2009 ,		23
185	Techniques and processes for improving the quality and performance of open-source software. <i>Software Process Improvement and Practice</i> , 2006 , 11, 163-176		21
184	A simulation as a service cloud middleware. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2016 , 71, 93-108	2	20
183	INDICES: Exploiting Edge Resources for Performance-Aware Cloud-Hosted Services 2017 ,		20
182	Model-Driven Program Transformation of a Large Avionics Framework. <i>Lecture Notes in Computer Science</i> , 2004 , 361-378	0.9	19
181	F6COM: A component model for resource-constrained and dynamic space-based computing environments 2013 ,		18
180	Adaptive Failover for Real-Time Middleware with Passive Replication 2009 ,		18
179	A multi-layered resource management framework for dynamic resource management in enterprise DRE systems. <i>Journal of Systems and Software</i> , 2007 , 80, 984-996	3.3	18
178	Cloud-hosted simulation-as-a-service for high school STEM education. <i>Simulation Modelling Practice and Theory</i> , 2015 , 58, 255-273	3.9	17
177	Emphysematous pyelonephritis: tertiary care center experience in management and review of the literature. <i>Urologia Internationalis</i> , 2010 , 85, 304-8	1.9	17
176	Software Architectures for Reducing Priority Inversion and Non-determinism in Real-time Object Request Brokers. <i>Real-Time Systems</i> , 2001 , 21, 77-125	1.3	17
175	Optimizing a CORBA Internet inter-ORB protocol (IIOP) engine for minimal footprint embedded multimedia systems. <i>IEEE Journal on Selected Areas in Communications</i> , 1999 , 17, 1673-1706	14.2	17
174	Model-Driven Configuration and Deployment of Component Middleware Publish/Subscribe Services. <i>Lecture Notes in Computer Science</i> , 2004 , 337-360	0.9	17
173	BARISTA: Efficient and Scalable Serverless Serving System for Deep Learning Prediction Services 2019 ,		16
172	Distributed Real-Time Managed Systems: A Model-Driven Distributed Secure Information Architecture Platform for Managed Embedded Systems. <i>IEEE Software</i> , 2014 , 31, 62-69	1.5	16
171	Voronoi-based placement of road-side units to improve dynamic resource management in Vehicular Ad Hoc Networks 2013 ,		16
170	Managing Wireless Fog Networks using Software-Defined Networking 2017 ,		15

169	A Capacity Planning Process for Performance Assurance of Component-based Distributed Systems 2011,		15
168	Adapting Distributed Real-Time and Embedded Pub/Sub Middleware for Cloud Computing Environments. <i>Lecture Notes in Computer Science</i> , 2010 , 21-41	0.9	15
167	Simplifying Autonomic Enterprise Java Bean Applications Via Model-Driven Development: A Case Study. <i>Lecture Notes in Computer Science</i> , 2005 , 601-615	0.9	15
166	URMILA: Dynamically trading-off fog and edge resources for performance and mobility-aware IoT services. <i>Journal of Systems Architecture</i> , 2020 , 107, 101710	5.5	14
165	Middleware for Resource-Aware Deployment and Configuration of Fault-Tolerant Real-time Systems 2010,		14
164	Enabling Software-Defined Networking for Wireless Mesh Networks in smart environments 2016,		14
163	Supporting end-to-end quality of service properties in OMG data distribution service publish/subscribe middleware over wide area networks. <i>Journal of Systems and Software</i> , 2013 , 86, 2574-2593	3.3	13
162	Maximizing Vehicular Network Connectivity through an Effective Placement of Road Side Units Using Voronoi Diagrams 2012,		13
161	Tools for Continuously Evaluating Distributed System Qualities. <i>IEEE Software</i> , 2010 , 27, 65-71	1.5	13
160	A randomized control trial evaluating efficacy of nephrostomy tract infiltration with bupivacaine after tubeless percutaneous nephrolithotomy. <i>Journal of Endourology</i> , 2012 , 26, 478-83	2.7	12
159	The design and performance of component middleware for QoS-enabled deployment and configuration of DRE systems. <i>Journal of Systems and Software</i> , 2007 , 80, 668-677	3.3	12
158	A Platform-Independent Component Modeling Language for Distributed Real-time and Embedded Systems. <i>Journal of Computer and System Sciences</i> , 2007 , 73, 171-185	1	12
157	Generators for Synthesis of QoS Adaptation in Distributed Real-Time Embedded Systems. <i>Lecture Notes in Computer Science</i> , 2002 , 236-251	0.9	12
156	A publish/subscribe middleware for dependable and real-time resource monitoring in the cloud 2012,		11
155	Applying model-driven development to distributed real-time and embedded avionics systems. <i>International Journal of Embedded Systems</i> , 2006 , 2, 142	0.5	11
154	Addressing the middleware configuration challenges using model-based techniques 2004,		11
153	Leveraging Application Frameworks. <i>Queue</i> , 2004 , 2, 66-75	0.9	11
152	Efficient and deterministic application deployment in component-based enterprise distributed real-time and embedded systems. <i>Information and Software Technology</i> , 2013 , 55, 475-488	3.4	10

151	CHARIOT: a domain specific language for extensible cyber-physical systems 2015 ,		10
150	Model-Driven Performance Analysis of Reconfigurable Conveyor Systems Used in Material Handling Applications 2011 ,		10
149	An Approach to Middleware Specialization for Cyber Physical Systems 2009 ,		10
148	Performance Interference-Aware Vertical Elasticity for Cloud-Hosted Latency-Sensitive Applications 2018 ,		10
147	(WIP) CloudCAMP: Automating the Deployment and Management of Cloud Services 2018 ,		10
146	Intelligent, Performance Interference-Aware Resource Management for IoT Cloud Backends 2016 ,		9
145	Supporting SIP-based end-to-end Data Distribution Service QoS in WANs. <i>Journal of Systems and Software</i> , 2014 , 95, 100-121	3.3	9
144	A QoS policy configuration modeling language for publish/subscribe middleware platforms 2007 ,		9
143	Reliable Effects Screening: A Distributed Continuous Quality Assurance Process for Monitoring Performance Degradation in Evolving Software Systems. <i>IEEE Transactions on Software Engineering</i> , 2007 , 33, 124-141	3.5	9
142	Middleware R&D challenges for distributed real-time and embedded systems. <i>ACM SIGBED Review</i> , 2004 , 1, 6-12	1.3	9
141	Applying Model Transformations to Optimizing Real-Time QoS Configurations in DRE Systems. <i>Lecture Notes in Computer Science</i> , 2009 , 18-35	0.9	9
140	Teaching Computational Thinking Skills in C3STEM with Traffic Simulation. <i>Lecture Notes in Computer Science</i> , 2013 , 350-357	0.9	9
139	2016 ,		8
138	Timely Autonomic Adaptation of Publish/Subscribe Middleware in Dynamic Environments. <i>International Journal of Adaptive Resilient and Autonomic Systems</i> , 2011 , 2, 1-24		8
137	Infrastructure for component-based DDS application development 2011 ,		8
136	CoSMIC 2004 ,		8
135	iPlace: An Intelligent and Tunable Power- and Performance-Aware Virtual Machine Placement Technique for Cloud-Based Real-Time Applications 2014 ,		7
134	Applying Patterns to Improve the Performance of Fault Tolerant CORBA. <i>Lecture Notes in Computer Science</i> , 2000 , 107-120	0.9	7

133	Measuring the performance of communication middleware on high-speed networks. <i>Computer Communication Review</i> , 1996 , 26, 306-317	1.4	7
132	Towards Middleware for Fault-Tolerance in Distributed Real-Time and Embedded Systems. <i>Lecture Notes in Computer Science</i> , 2008 , 72-85	0.9	7
131	Evaluating Transport Protocols for Real-Time Event Stream Processing Middleware and Applications. <i>Lecture Notes in Computer Science</i> , 2009 , 614-633	0.9	7
130	Composing and Deploying Grid Middleware Web Services Using Model Driven Architecture. <i>Lecture Notes in Computer Science</i> , 2002 , 633-649	0.9	7
129	DREMS ML: A wide spectrum architecture design language for distributed computing platforms. <i>Science of Computer Programming</i> , 2015 , 106, 3-29	1.1	6
128	Reactive stream processing for data-centric publish/subscribe 2015 ,		6
127	Data-centric publish/subscribe routing middleware for realizing proactive overlay software-defined networking 2016 ,		6
126	CHARIOT. <i>ACM Transactions on Cyber-Physical Systems</i> , 2018 , 2, 1-37	2.3	6
125	Linearize, predict and place 2019 ,		6
124	Model-driven performance estimation, deployment, and resource management for cloud-hosted services 2013 ,		6
123	Real-time fault tolerant deployment and configuration framework for cyber physical systems. <i>ACM SIGBED Review</i> , 2013 , 10, 32-32	1.3	6
122	Impediments to Analytical Modeling of Multi-Tiered Web Applications 2010 ,		6
121	Managing the quality of software product line architectures through reusable model transformations 2011 ,		6
120	NetQoPE: A Model-Driven Network QoS Provisioning Engine for Distributed Real-time and Embedded Systems 2008 ,		6
119	. <i>IEEE Software</i> , 2004 , 21, 32-40	1.5	6
118	Model-driven techniques for evaluating the QoS of middleware configurations for DRE systems		6
117	Design of a Scalable Reasoning Engine for Distributed, Real-Time and Embedded Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 221-232	0.9	6
116	PADS: Design and Implementation of a Cloud-Based, Immersive Learning Environment for Distributed Systems Algorithms. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 20-31	4.1	6

115	Middleware Support for Dynamic Component Updating. <i>Lecture Notes in Computer Science</i> , 2005 , 978-9969	6
114	An Integrated Model-Driven Development Environment for Composing and Validating Distributed Real-Time and Embedded Systems 2005 , 329-361	6
113	Cloud Engineering Principles and Technology Enablers for Medical Image Processing-as-a-Service 2017 , 2017, 127-137	5
112	A Cloud-Based Immersive Learning Environment for Distributed Systems Algorithms 2016 ,	5
111	Short Paper: Towards Low-Cost Indoor Localization Using Edge Computing Resources 2017 ,	5
110	Model-Driven Engineering for Development-Time QoS Validation of Component-Based Software Systems 2007 ,	5
109	Evaluating Real-Time Publish/Subscribe Service Integration Approaches in QoS-Enabled Component Middleware 2007 ,	5
108	Context-specific middleware specialization techniques for optimizing software product-line architectures 2006 ,	5
107	Model Driven Middleware 2005 , 163-187	5
106	QoS-Enabled Middleware 2005 , 131-162	5
105	Resiliency-Aware Deployment of SDN in Smart Grid SCADA: A Formal Synthesis Model. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 18, 1430-1444	4.8 5
104	Cyber Foraging and Offloading Framework for Internet of Things 2016 ,	5
103	Transit-hub: a smart public transportation decision support system with multi-timescale analytical services. <i>Cluster Computing</i> , 2019 , 22, 2239-2254	2.1 5
102	2018 ,	5
101	Theoretical and Empirical Comparison of Big Data Image Processing with Apache Hadoop and Sun Grid Engine. <i>Proceedings of SPIE</i> , 2017 , 10138,	1.7 4
100	FECBench: A Holistic Interference-aware Approach for Application Performance Modeling 2019 ,	4
99	Bootstrapping Software Defined Network for flexible and dynamic control plane management 2015 ,	4
98	iTune: Engineering the Performance of Xen Hypervisor via Autonomous and Dynamic Scheduler Reconfiguration. <i>IEEE Transactions on Services Computing</i> , 2018 , 11, 103-116	4.8 4

97	Performance Management of High Performance Computing for Medical Image Processing in Amazon Web Services. <i>Proceedings of SPIE</i> , 2016 , 9789,	1.7	4
96	An Autonomous and Dynamic Coordination and Discovery Service for Wide-Area Peer-to-peer Publish/Subscribe 2017 ,		4
95	Wide Area Network-scale Discovery and Data Dissemination in Data-centric Publish/Subscribe Systems 2015 ,		4
94	Content-based filtering discovery protocol (CFDP) 2014 ,		4
93	Adapting and evaluating distributed real-time and embedded systems in dynamic environments 2010 ,		4
92	Fault-Tolerance for Component-Based Systems - An Automated Middleware Specialization Approach 2009 ,		4
91	Supporting component-based failover units in middleware for distributed real-time and embedded systems. <i>Journal of Systems Architecture</i> , 2011 , 57, 597-613	5.5	4
90	Simplifying autonomic enterprise Java Bean applications via model-driven engineering and simulation. <i>Software and Systems Modeling</i> , 2007 , 7, 3-23	1.9	4
89	Model replication: transformations to address model scalability. <i>Software - Practice and Experience</i> , 2008 , 38, 1475-1497	2.5	4
88	WEAVING DEPLOYMENT ASPECTS INTO DOMAIN-SPECIFIC MODELS. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2006 , 16, 403-424	1	4
87	Fault Tolerant Approaches for Distributed Real-time and Embedded Systems 2007 ,		4
86	A parameterized model transformations approach for automating middleware QoS configurations in distributed real-time and embedded systems 2007 ,		4
85	An Analytical Approach to Performance Analysis of an Asynchronous Web Server. <i>Simulation</i> , 2007 , 83, 571-586	1.2	4
84	Performance Analysis of an Asynchronous Web Server 2006 ,		4
83	Integrating publisher/subscriber services in component middleware for distributed real-time and embedded systems 2004 ,		4
82	CCMPerf: A Benchmarking Tool for CORBA Component Model Implementations. <i>Real-Time Systems</i> , 2005 , 29, 281-308	1.3	4
81	Building a Cloud-Based Mobile Application Testbed. <i>Advances in Computer and Electrical Engineering Book Series</i> , 382-403	0.3	4
80	Model-driven Engineering for Early QoS Validation of Component-based Software Systems. <i>Journal of Software</i> , 2007 , 2,	3	4

79	MDDPro: Model-Driven Dependability Provisioning in Enterprise Distributed Real-Time and Embedded Systems. <i>Lecture Notes in Computer Science</i> , 2007 , 127-144	0.9	4
78	Software-defined wireless mesh networking for reliable and real-time smart city cyber physical applications 2019 ,		4
77	A Model-Driven Approach to Automate the Deployment and Management of Cloud Services 2018 ,		4
76	Work-in-Progress: Towards Real-Time Smart City Communications using Software Defined Wireless Mesh Networking 2018 ,		4
75	A Data Colocation Grid Framework for Big Data Medical Image Processing: Backend Design. <i>Proceedings of SPIE</i> , 2018 , 10597,	1.7	4
74	Replicators: Transformations to Address Model Scalability. <i>Lecture Notes in Computer Science</i> , 2005 , 295-308		4
73	Algorithmic Enhancements to Big Data Computing Frameworks for Medical Image Processing 2017 ,		3
72	Enabling IoT Applications via Dynamic Cloud-Edge Resource Management 2017 ,		3
71	Enabling Strong Isolation for Distributed Real-Time Applications in Edge Computing Scenarios. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2019 , 34, 32-45	2.4	3
70	Model-based automation for hardware provisioning in IT infrastructure 2014 ,		3
69	Understanding Performance Interference Benchmarking and Application Profiling Techniques for Cloud-hosted Latency-Sensitive Applications 2017 ,		3
68	Model-Based IT Change Management for Large System Definitions with State-Related Dependencies 2014 ,		3
67	Establishing Secure Interactions across Distributed Applications in Satellite Clusters 2014 ,		3
66	Towards a resilient deployment and configuration infrastructure for fractionated spacecraft. <i>ACM SIGBED Review</i> , 2013 , 10, 29-32	1.3	3
65	A Generative Middleware Specialization Process for Distributed Real-Time and Embedded Systems 2011 ,		3
64	Automated Middleware QoS Configuration Techniques for Distributed Real-time and Embedded Systems 2008 ,		3
63	QUICKER: A Model-Driven QoS Mapping Tool for QoS-Enabled Component Middleware 2007 ,		3
62	Addressing crosscutting deployment and configuration concerns of distributed real-time and embedded systems via aspect-oriented & model-driven software development 2006 ,		3

61	Middleware specialization using aspect oriented programming 2006,		3
60	Performance Analysis of a Middleware Demultiplexing Pattern 2007,		3
59	POSAML: A Visual Modeling Framework for Middleware Provisioning 2007,		3
58	Model-Driven Automated Error Recovery in Cloud Computing 136-155		3
57	DQML: A Modeling Language for Configuring Distributed Publish/Subscribe Quality of Service Policies. <i>Lecture Notes in Computer Science</i> , 2008 , 515-534	0.9	3
56	A Study of Publish/Subscribe Middleware Under Different IoT Traffic Conditions 2020,		3
55	Rethinking the Design of LR-WPAN IoT Systems with Software-Defined Networking 2016,		3
54	STRATUM: A BigData-as-a-Service for Lifecycle Management of IoT Analytics Applications 2019,		3
53	UPSARA: A Model-Driven Approach for Performance Analysis of Cloud-Hosted Applications 2018,		3
52	FECBench: An Extensible Framework for Pinpointing Sources of Performance Interference in the Cloud-Edge Resource Spectrum 2018,		3
51	The configuration-oriented planning for fully declarative IT system provisioning automation 2016,		2
50	DREMS-OS: An Operating System for Managed Distributed Real-Time Embedded Systems 2017,		2
49	A cloud-enabled coordination service for internet-scale OMG DDS applications 2014,		2
48	Analysis, verification, and management tool suite for cyber-physical applications on time-varying networks 2014,		2
47	Evaluating Timeliness and Accuracy Trade-offs of Supervised Machine Learning for Adapting Enterprise DRE Systems in Dynamic Environments. <i>International Journal of Computational Intelligence Systems</i> , 2011 , 4, 806-816	3.4	2
46	CQML: Aspect-Oriented Modeling for Modularizing and Weaving QoS Concerns in Component-Based Systems 2009,		2
45	Evaluating the Correctness and Effectiveness of a Middleware QoS Configuration Process in Distributed Real-Time and Embedded Systems 2008,		2
44	Automated Context-Sensitive Dialog Synthesis for Enterprise Workflows Using Templated Model Transformations 2008,		2

43	CaDAnCE: A Criticality-Aware Deployment and Configuration Engine 2008 ,		2
42	Model-driven specification of component-based distributed real-time and embedded systems for verification of systemic QoS properties. <i>Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on</i> , 2008 ,		2
41	Automated Middleware QoS Configuration Techniques using Model Transformations 2007 ,		2
40	POSAML: A visual modeling language for middleware provisioning. <i>Journal of Visual Languages and Computing</i> , 2007 , 18, 359-377		2
39	Applying aspect oriented programming to distributed storage metadata management 2007 ,		2
38	High confidence software for cyber-physical systems 2007 ,		2
37	Concern-Based Composition and Reuse of Distributed Systems. <i>Lecture Notes in Computer Science</i> , 2004 , 167-184	0.9	2
36	Evaluating adaptive resource management for distributed real-time embedded systems 2005 ,		2
35	Predictable deployment in component-based enterprise distributed real-time and embedded systems 2011 ,		2
34	Towards Improving End-to-End Performance of Distributed Real-Time and Embedded Systems Using Baseline Profiles. <i>Studies in Computational Intelligence</i> , 2008 , 43-57	0.8	2
33	A Model-Driven Performance Analysis Framework for Distributed, Performance-Sensitive Software Systems		2
32	Timely Autonomic Adaptation of Publish/Subscribe Middleware in Dynamic Environments		172-195
31	Building a Cloud-Based Mobile Application Testbed 2013 , 879-899		2
30	FORMS: Feature-Oriented Reverse Engineering-based Middleware Specialization for Product-Lines. <i>Journal of Software</i> , 2011 , 6,	3	2
29	Designing a Resilient Deployment and Reconfiguration Infrastructure for Remotely Managed Cyber-Physical Systems. <i>Lecture Notes in Computer Science</i> , 2016 , 88-104	0.9	2
28	QoS-Enabled Distributed Mutual Exclusion in Public Clouds. <i>Lecture Notes in Computer Science</i> , 2011 , 542-559	0.9	2
27	LEESA: Embedding Strategic and XPath-Like Object Structure Traversals in C++. <i>Lecture Notes in Computer Science</i> , 2009 , 100-124	0.9	2
26	A Component Assignment Framework for Improved Capacity and Assured Performance in Web Portals. <i>Lecture Notes in Computer Science</i> , 2009 , 671-689	0.9	2

25	TRANSIT HUB 2016 , 597-612		2
24	Reasoning for CPS Education Using Surrogate Simulation Models 2016 ,		2
23	Poster Abstract: A Distributed and Resilient Platform for City-Scale Smart Systems 2016 ,		2
22	Resolving priority inversions in composable conveyor systems. <i>Journal of Systems Architecture</i> , 2014 , 60, 509-518	5.5	1
21	Improving the Reliability and Availability of Vehicular Communications Using Voronoi Diagram-Based Placement of Road Side Units 2012 ,		1
20	MoPED: A Model-Based Provisioning Engine for Dependability in Component-Based Distributed Real-Time Embedded Systems 2011 ,		1
19	Automating testing of service-oriented mobile applications with distributed knowledge and reasoning 2011 ,		1
18	Towards highly optimized real-time middleware for software product-line architectures. <i>ACM SIGBED Review</i> , 2006 , 3, 13-16	1.3	1
17	Model-Driven Performance Analysis Methodology for Distributed Software Systems 2007 ,		1
16	A Monocular Vision-based Obstacle Avoidance Android/Linux Middleware for the Visually Impaired 2019 ,		1
15	Overcoming Stealthy Adversarial Attacks on Power Grid Load Predictions Through Dynamic Data Repair. <i>Lecture Notes in Computer Science</i> , 2020 , 102-109	0.9	1
14	Design and Transformation of a Domain-Specific Language for Reconfigurable Conveyor Systems 553-571		1
13	Concern Separation for Adaptive QoS Modeling in Distributed Real-Time Embedded Systems 2010 , 85-113		1
12	Simulation-Based Optimization as a Service for Dynamic Data-Driven Applications Systems 2018 , 589-614		1
11	Optimizing Integrated Application Performance with Cache-Aware Metascheduling. <i>Lecture Notes in Computer Science</i> , 2011 , 432-450	0.9	1
10	Simultaneous Holmium Laser Enucleation of Prostate with Removal of the Permanent Prostatic Urethral Stent Using the High-Power Holmium Laser: Technique in Two Cases and Review of the Literature. <i>Journal of Endourology Case Reports</i> , 2020 , 6, 438-441	0.3	1
9	A Model-driven Middleware Integration Approach for Performance-Sensitive Distributed Simulations 2020 ,		1
8	EXPPO: EXecution Performance Profiling and Optimization for CPS Co-simulation-as-a-Service. <i>Journal of Systems Architecture</i> , 2021 , 118, 102189	5.5	0

- 7 DRE system performance optimization with the SMACK cache efficiency metric. *Journal of Systems and Software*, **2014**, 98, 25-43 3.3
- 6 Infrastructure for component-based DDS application development. *ACM SIGPLAN Notices*, **2012**, 47, 53-62.2
- 5 Productivity Analysis of the Distributed QoS Modeling Language 156-176
- 4 Quantitative Productivity Analysis of a Domain-Specific Modeling Language. *Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series*, **2015**, 313-344 0.4
- 3 A SIP-Based Network QoS Provisioning Framework for Cloud-Hosted DDS Applications. *Lecture Notes in Computer Science*, **2011**, 507-524 0.9
- 2 Design and Transformation of a Domain-Specific Language for Reconfigurable Conveyor Systems **2014**, 551-569
- 1 Simulation-Based Optimization as a Service for Dynamic Data-Driven Applications Systems **2022**, 603-627