Aniruddha S Gokhale

List of Publications by Year in Descending Order

204 papers	2,228 citations	20 h-index	37 g-index
244 ext. papers	2,727 ext. citations	1.8 avg, IF	5.11 L-index

#	Paper	IF	Citations
204	Simulation-Based Optimization as a Service for Dynamic Data-Driven Applications Systems **2022**, 603-627		
203	Resiliency-Aware Deployment of SDN in Smart Grid SCADA: A Formal Synthesis Model. *IEEE Transactions on Network and Service Management*, **2021**, 18, 1430-1444	4.8	5
202	EXPPO: EXecution Performance Profiling and Optimization for CPS Co-simulation-as-a-Service. *Journal of Systems Architecture*, **2021**, 118, 102189	5.5	0
201	URMILA: Dynamically trading-off fog and edge resources for performance and mobility-aware IoT services. *Journal of Systems Architecture*, **2020**, 107, 101710	5.5	14
200	Overcoming Stealthy Adversarial Attacks on Power Grid Load Predictions Through Dynamic Data Repair. *Lecture Notes in Computer Science*, **2020**, 102-109	0.9	1
199	A Study of Publish/Subscribe Middleware Under Different IoT Traffic Conditions **2020**,		3
198	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. *Journal of Endourology Case Reports*, **2020**, 6, 438-441	0.3	1
197	A Model-driven Middleware Integration Approach for Performance-Sensitive Distributed Simulations **2020**,		1
196	FECBench: A Holistic Interference-aware Approach for Application Performance Modeling **2019**,		4
195	BARISTA: Efficient and Scalable Serverless Serving System for Deep Learning Prediction Services **2019**,		16
194	Enabling Strong Isolation for Distributed Real-Time Applications in Edge Computing Scenarios. *IEEE Aerospace and Electronic Systems Magazine*, **2019**, 34, 32-45	2.4	3
193	Linearize, predict and place **2019**,		6
192	A Monocular Vision-based Obstacle Avoidance Android/Linux Middleware for the Visually Impaired **2019**,		1
191	STRATUM: A BigData-as-a-Service for Lifecycle Management of IoT Analytics Applications **2019**,		3
190	Software-defined wireless mesh networking for reliable and real-time smart city cyber physical applications **2019**,		4
189	Transit-hub: a smart public transportation decision support system with multi-timescale analytical services. *Cluster Computing*, **2019**, 22, 2239-2254	2.1	5
188	iTune: Engineering the Performance of Xen Hypervisor via Autonomous and Dynamic Scheduler Reconfiguration. *IEEE Transactions on Services Computing*, **2018**, 11, 103-116	4.8	4

187	CHARIOT. *ACM Transactions on Cyber-Physical Systems*, **2018**, 2, 1-37	2.3	6
186	Simulation-Based Optimization as a Service for Dynamic Data-Driven Applications Systems **2018**, 589-614		1
185	PADS: Design and Implementation of a Cloud-Based, Immersive Learning Environment for Distributed Systems Algorithms. *IEEE Transactions on Emerging Topics in Computing*, **2018**, 6, 20-31	4.1	6
184	Performance Interference-Aware Vertical Elasticity for Cloud-Hosted Latency-Sensitive Applications **2018**,		10
183	A Model-Driven Approach to Automate the Deployment and Management of Cloud Services **2018**,		4
182	Work-in-Progress: Towards Real-Time Smart City Communications using Software Defined Wireless Mesh Networking **2018**,		4
181	UPSARA: A Model-Driven Approach for Performance Analysis of Cloud-Hosted Applications **2018**,		3
180	**2018**,		5
179	FECBench: An Extensible Framework for Pinpointing Sources of Performance Interference in the Cloud-Edge Resource Spectrum **2018**,		3
178	A Data Colocation Grid Framework for Big Data Medical Image Processing: Backend Design. *Proceedings of SPIE*, **2018**, 10597,	1.7	4
177	(WIP) CloudCAMP: Automating the Deployment and Management of Cloud Services **2018**,		10
176	Cloud Engineering Principles and Technology Enablers for Medical Image Processing-as-a-Service **2017**, 2017, 127-137		5
175	Algorithmic Enhancements to Big Data Computing Frameworks for Medical Image Processing **2017**,		3
174	Enabling IoT Applications via Dynamic Cloud-Edge Resource Management **2017**,		3
173	Theoretical and Empirical Comparison of Big Data Image Processing with Apache Hadoop and Sun Grid Engine. *Proceedings of SPIE*, **2017**, 10138,	1.7	4
172	An Autonomous and Dynamic Coordination and Discovery Service for Wide-Area Peer-to-peer Publish/Subscribe **2017**,		4
171	INDICES: Exploiting Edge Resources for Performance-Aware Cloud-Hosted Services **2017**,		20
170	Dynamic Resource Management Across Cloud-Edge Resources for Performance-Sensitive Applications **2017**,		27

169	Short Paper: Towards Low-Cost Indoor Localization Using Edge Computing Resources **2017**,		5
168	DREMS-OS: An Operating System for Managed Distributed Real-Time Embedded Systems **2017**,		2
167	Understanding Performance Interference Benchmarking and Application Profiling Techniques for Cloud-hosted Latency-Sensitive Applications **2017**,		3
166	Managing Wireless Fog Networks using Software-Defined Networking **2017**,		15
165	The configuration-oriented planning for fully declarative IT system provisioning automation **2016**,		2
164	Data-centric publish/subscribe routing middleware for realizing proactive overlay software-defined networking **2016**,		6
163	Performance Management of High Performance Computing for Medical Image Processing in Amazon Web Services. *Proceedings of SPIE*, **2016**, 9789,	1.7	4
162	**2016**,		8
161	A Cloud-Based Immersive Learning Environment for Distributed Systems Algorithms **2016**,		5
160	Intelligent, Performance Interference-Aware Resource Management for IoT Cloud Backends **2016**,		9
159	A simulation as a service cloud middleware. *Annales Des Telecommunications/Annals of Telecommunications*, **2016**, 71, 93-108	2	20
158	Designing a Resilient Deployment and Reconfiguration Infrastructure for Remotely Managed Cyber-Physical Systems. *Lecture Notes in Computer Science*, **2016**, 88-104	0.9	2
157	Enabling Software-Defined Networking for Wireless Mesh Networks in smart environments **2016**,		14
156	TRANSIT HUB **2016**, 597-612		2
155	Reasoning for CPS Education Using Surrogate Simulation Models **2016**,		2
154	Poster Abstract: A Distributed and Resilient Platform for City-Scale Smart Systems **2016**,		2
153	Cyber Foraging and Offloading Framework for Internet of Things **2016**,		5
152	Rethinking the Design of LR-WPAN IoT Systems with Software-Defined Networking **2016**,		3

151	DREMS ML: A wide spectrum architecture design language for distributed computing platforms. *Science of Computer Programming*, **2015**, 106, 3-29	1.1	6
150	Cloud-hosted simulation-as-a-service for high school STEM education. *Simulation Modelling Practice and Theory*, **2015**, 58, 255-273	3.9	17
149	Bootstrapping Software Defined Network for flexible and dynamic control plane management **2015**,		4
148	Reactive stream processing for data-centric publish/subscribe **2015**,		6
147	Publish/subscribe-enabled software defined networking for efficient and scalable IoT communications **2015**, 53, 48-54		98
146	CHARIOT: a domain specific language for extensible cyber-physical systems **2015**,		10
145	Wide Area Network-scale Discovery and Data Dissemination in Data-centric Publish/Subscribe Systems **2015**,		4
144	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	
143	A cloud middleware for assuring performance and high availability of soft real-time applications. *Journal of Systems Architecture*, **2014**, 60, 757-769	5.5	26
142	iPlace: An Intelligent and Tunable Power- and Performance-Aware Virtual Machine Placement Technique for Cloud-Based Real-Time Applications **2014**,		7
141	Software-Defined Networking: Challenges and research opportunities for Future Internet. *Computer Networks*, **2014**, 75, 453-471	5.4	153
140	DRE system performance optimization with the SMACK cache efficiency metric. *Journal of Systems and Software*, **2014**, 98, 25-43	3.3	
139	Distributed Real-Time Managed Systems: A Model-Driven Distributed Secure Information Architecture Platform for Managed Embedded Systems. *IEEE Software*, **2014**, 31, 62-69	1.5	16
138	Model-based automation for hardware provisioning in IT infrastructure **2014**,		3
137	Supporting SIP-based end-to-end Data Distribution Service QoS in WANs. *Journal of Systems and Software*, **2014**, 95, 100-121	3.3	9
136	iOverbook: Intelligent Resource-Overbooking to Support Soft Real-Time Applications in the Cloud **2014**,		34
135	Model-Based IT Change Management for Large System Definitions with State-Related Dependencies **2014**,		3
134	Establishing Secure Interactions across Distributed Applications in Satellite Clusters **2014**,		3

133	A cloud-enabled coordination service for internet-scale OMG DDS applications **2014**,		2
132	Analysis, verification, and management toolsuite for cyber-physical applications on time-varying networks **2014**,		2
131	Content-based filtering discovery protocol (CFDP) **2014**,		4
130	Resolving priority inversions in composable conveyor systems. *Journal of Systems Architecture*, **2014**, 60, 509-518	5.5	1
129	Design and Transformation of a Domain-Specific Language for Reconfigurable Conveyor Systems **2014**, 551-569		
128	Supporting end-to-end quality of service properties in OMG data distribution service publish/subscribe middleware over wide area networks. *Journal of Systems and Software*, **2013**, 86, 2574-2593	3.3	13
127	Voronoi-based placement of road-side units to improve dynamic resource management in Vehicular Ad Hoc Networks **2013**,		16
126	A self-tuning system based on application Profiling and Performance Analysis for optimizing Hadoop MapReduce cluster configuration **2013**,		24
125	Efficient and deterministic application deployment in component-based enterprise distributed real-time and embedded systems. *Information and Software Technology*, **2013**, 55, 475-488	3.4	10
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. *ACM SIGBED Review*, **2013**, 10, 32-32	1.3	6
122	Towards a resilient deployment and configuration infrastructure for fractionated spacecraft. *ACM SIGBED Review*, **2013**, 10, 29-32	1.3	3
121	F6COM: A component model for resource-constrained and dynamic space-based computing environments **2013**,		18
120	Building a Cloud-Based Mobile Application Testbed **2013**, 879-899		2
119	Teaching Computational Thinking Skills in C3STEM with Traffic Simulation. *Lecture Notes in Computer Science*, **2013**, 350-357	0.9	9
118	Maximizing Vehicular Network Connectivity through an Effective Placement of Road Side Units Using Voronoi Diagrams **2012**,		13
117	Improving the Reliability and Availability of Vehicular Communications Using Voronoi Diagram-Based Placement of Road Side Units **2012**,		1
116	A randomized control trial evaluating efficacy of nephrostomy tract infiltration with bupivacaine after tubeless percutaneous nephrolithotomy. *Journal of Endourology*, **2012**, 26, 478-83	2.7	12

115	A publish/subscribe middleware for dependable and real-time resource monitoring in the cloud **2012**,		11
114	Infrastructure for component-based DDS application development. *ACM SIGPLAN Notices*, **2012**, 47, 53-62	2.2	
113	Efficient Autoscaling in the Cloud Using Predictive Models for Workload Forecasting **2011**,		276
112	Timely Autonomic Adaptation of Publish/Subscribe Middleware in Dynamic Environments. *International Journal of Adaptive Resilient and Autonomic Systems*, **2011**, 2, 1-24		8
111	A Generative Middleware Specialization Process for Distributed Real-Time and Embedded Systems **2011**,		3
110	A Capacity Planning Process for Performance Assurance of Component-based Distributed Systems **2011**,		15
109	Supporting component-based failover units in middleware for distributed real-time and embedded systems. *Journal of Systems Architecture*, **2011**, 57, 597-613	5.5	4
108	Managing the quality of software product line architectures through reusable model transformations **2011**,		6
107	Infrastructure for component-based DDS application development **2011**,		8
106	Model-Driven Performance Analysis of Reconfigurable Conveyor Systems Used in Material Handling Applications **2011**,		10
105	Evaluating Timeliness and Accuracy Trade-offs of Supervised Machine Learning for Adapting Enterprise DRE Systems in Dynamic Environments. *International Journal of Computational Intelligence Systems*, **2011**, 4, 806-816	3.4	2
104	MoPED: A Model-Based Provisioning Engine for Dependability in Component-Based Distributed Real-Time Embedded Systems **2011**,		1
103	Automating testing of service-oriented mobile applications with distributed knowledge and reasoning **2011**,		1
102	Predictable deployment in component-based enterprise distributed real-time and embedded systems **2011**,		2
101	FORMS: Feature-Oriented Reverse Engineering-based Middleware Specialization for Product-Lines. *Journal of Software*, **2011**, 6,	3	2
100	Optimizing Integrated Application Performance with Cache-Aware Metascheduling. *Lecture Notes in Computer Science*, **2011**, 432-450	0.9	1
99	QoS-Enabled Distributed Mutual Exclusion in Public Clouds. *Lecture Notes in Computer Science*, **2011**, 542-559	0.9	2
98	Design of a Scalable Reasoning Engine for Distributed, Real-Time and Embedded Systems. *Lecture Notes in Computer Science*, **2011**, 221-232	0.9	6

97	A SIP-Based Network QoS Provisioning Framework for Cloud-Hosted DDS Applications. *Lecture Notes in Computer Science*, **2011**, 507-524	0.9	
96	Emphysematous pyelonephritis: tertiary care center experience in management and review of the literature. *Urologia Internationalis*, **2010**, 85, 304-8	1.9	17
95	Impediments to Analytical Modeling of Multi-Tiered Web Applications **2010**,		6
94	Adapting and evaluating distributed real-time and embedded systems in dynamic environments **2010**,		4
93	Tools for Continuously Evaluating Distributed System Qualities. *IEEE Software*, **2010**, 27, 65-71	1.5	13
92	Middleware for Resource-Aware Deployment and Configuration of Fault-Tolerant Real-time Systems **2010**,		14
91	Concern Separation for Adaptive QoS Modeling in Distrbuted Real-Time Embedded Systems **2010**, 85-113		1
90	Adapting Distributed Real-Time and Embedded Pub/Sub Middleware for Cloud Computing Environments. *Lecture Notes in Computer Science*, **2010**, 21-41	0.9	15
89	Reliable publish/subscribe middleware for time-sensitive internet-scale applications **2009**,		23
88	Fault-Tolerance for Component-Based Systems - An Automated Middleware Specialization Approach **2009**,		4
87	Improving Domain-Specific Language Reuse with Software Product Line Techniques. *IEEE Software*, **2009**, 26, 47-53	1.5	50
86	CQML: Aspect-Oriented Modeling for Modularizing and Weaving QoS Concerns in Component-Based Systems **2009**,		2
85	An Approach to Middleware Specialization for Cyber Physical Systems **2009**,		10
84	Adaptive Failover for Real-Time Middleware with Passive Replication **2009**,		18
83	Applying Model Transformations to Optimizing Real-Time QoS Configurations in DRE Systems. *Lecture Notes in Computer Science*, **2009**, 18-35	0.9	9
82	Evaluating Transport Protocols for Real-Time Event Stream Processing Middleware and Applications. *Lecture Notes in Computer Science*, **2009**, 614-633	0.9	7
81	LEESA: Embedding Strategic and XPath-Like Object Structure Traversals in C++. *Lecture Notes in Computer Science*, **2009**, 100-124	0.9	2
80	A Component Assignment Framework for Improved Capacity and Assured Performance in Web Portals. *Lecture Notes in Computer Science*, **2009**, 671-689	0.9	2

79	Automated Middleware QoS Configuration Techniques for Distributed Real-time and Embedded Systems **2008**,		3
78	Evaluating the Correctness and Effectiveness of a Middleware QoS Configuration Process in Distributed Real-Time and Embedded Systems **2008**,		2
77	Automated Context-Sensitive Dialog Synthesis for Enterprise Workflows Using Templatized Model Transformations **2008**,		2
76	CaDAnCE: A Criticality-Aware Deployment and Configuration Engine **2008**,		2
75	Model-driven specification of component-based distributed real-time and embedded systems for verification of systemic QoS properties. *Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on*, **2008**,		2
74	NetQoPE: A Model-Driven Network QoS Provisioning Engine for Distributed Real-time and Embedded Systems **2008**,		6
73	Model driven middleware: A new paradigm for developing distributed real-time and embedded systems. *Science of Computer Programming*, **2008**, 73, 39-58	1.1	26
72	Model replication: transformations to address model scalability. *Software - Practice and Experience*, **2008**, 38, 1475-1497	2.5	4
71	Towards Improving End-to-End Performance of Distributed Real-Time and Embedded Systems Using Baseline Profiles. *Studies in Computational Intelligence*, **2008**, 43-57	0.8	2
70	DQML: A Modeling Language for Configuring Distributed Publish/Subscribe Quality of Service Policies. *Lecture Notes in Computer Science*, **2008**, 515-534	0.9	3
69	Towards Middleware for Fault-Tolerance in Distributed Real-Time and Embedded Systems. *Lecture Notes in Computer Science*, **2008**, 72-85	0.9	7
68	QUICKER: A Model-Driven QoS Mapping Tool for QoS-Enabled Component Middleware **2007**,		3
67	Model-Driven Engineering for Development-Time QoS Validation of Component-Based Software Systems **2007**,		5
66	Evaluating Real-Time Publish/Subscribe Service Integration Approaches in QoS-Enabled Component Middleware **2007**,		5
65	Automated Middleware QoS Configuration Techniques using Model Transformations **2007**,		2
64	The design and performance of component middleware for QoS-enabled deployment and configuration of DRE systems. *Journal of Systems and Software*, **2007**, 80, 668-677	3.3	12
63	A Platform-Independent Component Modeling Language for Distributed Real-time and Embedded Systems. *Journal of Computer and System Sciences*, **2007**, 73, 171-185	1	12
62	POSAML: A visual modeling language for middleware provisioning. *Journal of Visual Languages and Computing*, **2007**, 18, 359-377		2

61	Simplifying autonomic enterprise Java Bean applications via model-driven engineering and simulation. *Software and Systems Modeling*, **2007**, 7, 3-23	1.9	4
60	A multi-layered resource management framework for dynamic resource management in enterprise DRE systems. *Journal of Systems and Software*, **2007**, 80, 984-996	3.3	18
59	Fault Tolerant Approaches for Distributed Real-time and Embedded Systems **2007**,		4
58	Performance Analysis of a Middleware Demultiplexing Pattern **2007**,		3
57	Applying aspect oriented programming to distributed storage metadata management **2007**,		2
56	A QoS policy configuration modeling language for publish/subscribe middleware platforms **2007**,		9
55	A parameterized model transformations approach for automating middleware QoS configurations in distributed real-time and embedded systems **2007**,		4
54	Model-Driven Performance Analysis Methodology for Distributed Software Systems **2007**,		1
53	POSAML: A Visual Modeling Framework for Middleware Provisioning **2007**,		3
52	High confidence software for cyber-physical systems **2007**,		2
51	An Analytical Approach to Performance Analysis of an Asynchronous Web Server. *Simulation*, **2007**, 83, 571-586	1.2	4
50	Reliable Effects Screening: A Distributed Continuous Quality Assurance Process for Monitoring Performance Degradation in Evolving Software Systems. *IEEE Transactions on Software Engineering*, **2007**, 33, 124-141	3.5	9
49	Domain-Specific Modeling. *Chapman & Hall/CRC Computer and Information Science Series*, **2007**, 7-1-7-20		30
48	Model-driven Engineering for Early QoS Validation of Component-based Software Systems. *Journal of Software*, **2007**, 2,	3	4
47	MDDPro: Model-Driven Dependability Provisioning in Enterprise Distributed Real-Time and Embedded Systems. *Lecture Notes in Computer Science*, **2007**, 127-144	0.9	4
46	Developing applications using model-driven design environments. *Computer*, **2006**, 39, 33-40	1.6	89
45	Addressing crosscutting deployment and configuration concerns of distributed real-time and embedded systems via aspect-oriented & model-driven software development **2006**,		3
44	Context-specific middleware specialization techniques for optimizing software product-line architectures **2006**,		5

No.	Title	Impact	Cites
43	Middleware specialization using aspect oriented programming **2006**,		3
42	Towards highly optimized real-time middleware for software product-line architectures. *ACM SIGBED Review*, **2006**, 3, 13-16	1.3	1
41	WEAVING DEPLOYMENT ASPECTS INTO DOMAIN-SPECIFIC MODELS. *International Journal of Software Engineering and Knowledge Engineering*, **2006**, 16, 403-424	1	4
40	Performance Analysis of an Asynchronous Web Server **2006**,		4
39	Applying model-driven development to distributed real-time and embedded avionics systems. *International Journal of Embedded Systems*, **2006**, 2, 142	0.5	11
38	Techniques and processes for improving the quality and performance of open-source software. *Software Process Improvement and Practice*, **2006**, 11, 163-176		21
37	Introducing embedded software and systems education and advanced learning technology in an engineering curriculum. *Transactions on Embedded Computing Systems*, **2005**, 4, 549-568	1.8	30
36	CCMPerf: A Benchmarking Tool for CORBA Component Model Implementations. *Real-Time Systems*, **2005**, 29, 281-308	1.3	4
35	Model Driven Middleware **2005**, 163-187		5
34	QoS-Enabled Middleware **2005**, 131-162		5
33	Evaluating adaptive resource management for distributed real-time embedded systems **2005**,		2
32	Replicators: Transformations to Address Model Scalability. *Lecture Notes in Computer Science*, **2005**, 295-308	0.9	4
31	Simplifying Autonomic Enterprise Java Bean Applications Via Model-Driven Development: A Case Study. *Lecture Notes in Computer Science*, **2005**, 601-615	0.9	15
30	Middleware Support for Dynamic Component Updating. *Lecture Notes in Computer Science*, **2005**, 978-996	0.9	6
29	DAnCE: A QoS-Enabled Component Deployment and Configuration Engine. *Lecture Notes in Computer Science*, **2005**, 67-82	0.9	36
28	An Integrated Model-Driven Development Environment for Composing and Validating Distributed Real-Time and Embedded Systems **2005**, 329-361		6
27	Concern-Based Composition and Reuse of Distributed Systems. *Lecture Notes in Computer Science*, **2004**, 167-184	0.9	2
26	Addressing the middleware configuration challenges using model-based techniques **2004**,		11

25	Integrating publisher/subscriber services in component middleware for distributed real-time and embedded systems **2004**,		4
24	CoSMIC **2004**,		8
23	Middleware R&D challenges for distributed real-time and embedded systems. *ACM SIGBED Review*, **2004**, 1, 6-12	1.3	9
22	Leveraging Application Frameworks. *Queue*, **2004**, 2, 66-75	0.9	11
21	Towards Real-Time Fault-Tolerant CORBA Middleware. *Cluster Computing*, **2004**, 7, 331-346	2.1	25
20	. *IEEE Software*, **2004**, 21, 32-40	1.5	6
19	Model-Driven Configuration and Deployment of Component Middleware Publish/Subscribe Services. *Lecture Notes in Computer Science*, **2004**, 337-360	0.9	17
18	Model-Driven Program Transformation of a Large Avionics Framework. *Lecture Notes in Computer Science*, **2004**, 361-378	0.9	19
17	Total quality of service provisioning in middleware and applications. *Microprocessors and Microsystems*, **2003**, 27, 45-54	2.4	31
16	An Approach for Supporting Aspect-Oriented Domain Modeling. *Lecture Notes in Computer Science*, **2003**, 151-168	0.9	29
15	Applying model-integrated computing to component middleware and enterprise applications. *Communications of the ACM*, **2002**, 45, 65-70	2.5	47
14	Composing and Deploying Grid Middleware Web Services Using Model Driven Architecture. *Lecture Notes in Computer Science*, **2002**, 633-649	0.9	7
13	Generators for Synthesis of QoS Adaptation in Distributed Real-Time Embedded Systems. *Lecture Notes in Computer Science*, **2002**, 236-251	0.9	12
12	Software Architectures for Reducing Priority Inversion and Non-determinism in Real-time Object Request Brokers. *Real-Time Systems*, **2001**, 21, 77-125	1.3	17
11	Applying Patterns to Improve the Performance of Fault Tolerant CORBA. *Lecture Notes in Computer Science*, **2000**, 107-120	0.9	7
10	Optimizing a CORBA Internet inter-ORB protocol (IIOP) engine for minimal footprint embedded multimedia systems. *IEEE Journal on Selected Areas in Communications*, **1999**, 17, 1673-1706	14.2	17
9	Measuring and optimizing CORBA latency and scalability over high-speed networks. *IEEE Transactions on Computers*, **1998**, 47, 391-413	2.5	45
8	Measuring the performance of communication middleware on high-speed networks. *Computer Communication Review*, **1996**, 26, 306-317	1.4	7

LIST OF PUBLICATIONS

7   Model-driven techniques for evaluating the QoS of middleware configurations for DRE systems   6

6   Building a Cloud-Based Mobile Application Testbed. *Advances in Computer and Electrical Engineering Book Series*,382-403   0.3   4

5   Model-Driven Automated Error Recovery in Cloud Computing136-155   3

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3   A Model-Driven Performance Analysis Framework for Distributed, Performance-Sensitive Software Systems   2

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