Sven van der Meer

List of Publications by Year
in descending order

52 papers	492 citations	1937685 4 h-index	1720034 7 g-index
52 all docs	52 docs citations	52 times ranked	286 citing authors

#	Article	IF	Citations
1	5G networks must be autonomic!. , 2018, , .		6
2	Demo: Adaptive policy execution (APEX). , 2018, , .		0
3	A testbed for policy driven closed loop network management. , 2018, , .		1
4	Taming policy complexity: Model to execution. , 2018, , .		2
5	Mobility management in RINA networks: Experimental validation of architectural properties. , 2018, , .		5
6	Using the COMPA autonomous architecture for mobile network security. , 2017, , .		7
7	Magnet: Real-Time Trace Stream Analytics Framework for 5G Operations Support Systems. IEEE Network, 2017, 31, 6-13.	6.9	0
8	Open multi-access edge computing and distributed mobility management with RINA. , 2017, , .		5
9	Distributed Management Information Models. , 2017, , .		4
10	Apex: An engine for dynamic adaptive policy execution. , 2016, , .		9
11	Qualitative comparison of open-source SDN controllers. , 2016, , .		12
12	i-MagNet: A real-time intelligent framework for finding specific needles from needle stacks. , 2015, , .		2
13	Dynamically adaptive policies for dynamically adaptive telecommunications networks. , 2015, , .		6
14	E-stream: Towards pattern centric network incident discovery and corrective action recommendation in telecommunication networks. , 2015, , .		3
15	Context-aware heterogeneous network performance analysis: Test-bed development. , 2014, , .		1
16	Towards real-time management of virtualized telecommunication networks. , 2014, , .		14
17	A heuristic correlation algorithm for data reduction through noise detection in stream-based communication management systems. , 2014, , .		10
18	An Extensible Architecture for Mobile Network Management Event Distribution and Rule Processing - A Performance Evaluation. , 2013, , .		0

#	Article	IF	Citations
19	A semantic monitoring and management framework for end-to-end services. , 2011, , .		7
20	Federating Autonomic Network Management Systems for Flexible Control of End-to-End Communications Services. , 2011, , 101-118.		4
21	Autonomic policy-based HAN traffic classification using augmented meta model for policy translation. , 2011, , .		6
22	Multidomain IT architectures for next-generation communications service providers [Next-Generation Telco IT Architectures. , 2010, 48, 110-117.		8
23	Ontological generation of filter rules for context exchange in autonomic multimedia networks. , 2010, , .		6
24	A Case Study for Defining Interoperable Network Components Using MDD. , 2010, , .		0
25	An architecture for using metadata to manage ubiquitous communications and services: A position paper. , 2010, , .		0
26	Managing ubiquitous networks — how do they do it?. , 2010, , .		0
27	An Introduction to Network Stack Design Using Software Design Patterns. Lecture Notes in Computer Science, 2010, , 87-99.	1.3	0
28	The Design of a New Policy Model to Support Ontology-Driven Reasoning for Autonomic Networking. Journal of Network and Systems Management, 2009, 17, 5-32.	4.9	39
29	The Use of Context-Aware Policies and Ontologies to Facilitate Business-Aware Network Management. Journal of Network and Systems Management, 2009, 17, 255-284.	4.9	16
30	A Snapshot of Ontological Approaches for Network and Service Management. Journal of Network and Systems Management, 2009, 17, 231-233.	4.9	0
31	Challenges for federated, autonomic network management in the Future Internet. , 2009, , .		20
32	Autonomic Orchestration of Future Networks to Realize Prosumer Services. , 2009, , .		2
33	An autonomic architecture to manage Ubiquitous Computing networks and applications. , 2009, , .		7
34	The design of an Autonomic Element for managing emerging networks and services. , 2009, , .		10
35	The Design of a Novel Autonomic Management Methodology and Architecture for Next Generation and Future Internet Systems. , 2009, , .		4
36	Architectural Artefacts for Autonomic Distributed Systems- Contract Language. , 2009, , .		4

#	Article	IF	Citations
37	Trust and Reputation Policy-Based Mechanisms for Self-protection in Autonomic Communications. Lecture Notes in Computer Science, 2009, , 249-267.	1.3	4
38	The Applicability of Self-Awareness for Network Management Operations. Lecture Notes in Computer Science, 2009, , 15-28.	1.3	2
39	The Design of a New Context-Aware Policy Model for Autonomic Networking. , 2008, , .		19
40	From Autonomic Computing to Autonomic Networking: An Architectural Perspective. , 2008, , .		19
41	Dynamic group management as an enhancement to emergency healthcare using policies. , 2008, , .		0
42	Modelling Context for Autonomic Networking. , 2008, , .		10
43	Semantic Integration of User Data - Models and Processes Enabling Seamless Mobility. , 2008, , .		0
44	MDDAS 2008 Workshop Organization. , 2008, , .		0
45	Message from the MDDS 2008 Workshop Organizers. , 2008, , .		0
46	Towards an Information Model That Supports Service-Aware, Self-managing Virtual Resources. Lecture Notes in Computer Science, 2008, , 102-107.	1.3	8
47	Technology Neutral Principles and Concepts for Autonomic Networking. , 2007, , 1-25.		6
48	Towards autonomic management of communications networks. , 2007, 45, 112-121.		166
49	Policy Interactions and Management of Traffic Engineering Services Based on Ontologies. , 2007, , .		9
50	A Model Based Approach for Policy Tool Generation and Policy Analysis. , 2007, , .		22
51	Policy and Profile: Enabling Self-knowledge for Autonomic Systems. Lecture Notes in Computer Science, 2006, , 239-245.	1.3	2
52	A Platform for Environment-Aware Applications. Lecture Notes in Computer Science, 1999, , 368-370.	1.3	5