Kurt Geihs

List of Publications by Year
in descending order

21	495	759233 12	752698 20
papers	citations	h-index	g-index

23	23	23	400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A resource oriented integration architecture for the Internet of Things: A business process perspective. Pervasive and Mobile Computing, 2015, 20, 145-159.	3.3	85
2	A development framework and methodology for self-adapting applications in ubiquitous computing environments. Journal of Systems and Software, 2012, 85, 2840-2859.	4.5	82
3	A comprehensive solution for applicationâ€level adaptation. Software - Practice and Experience, 2009, 39, 385-422.	3.6	51
4	Playing MUSIC â€" building contextâ€aware and selfâ€adaptive mobile applications. Software - Practice and Experience, 2013, 43, 359-388.	3.6	45
5	A Generic Model for Fault Isolation in Integrated Management Systems. Journal of Network and Systems Management, 1997, 5, 109-130.	4.9	40
6	The user in the loop: Enabling user participation for self-adaptive applications. Future Generation Computer Systems, 2014, 34, 110-123.	7.5	37
7	A modelling language for cooperative plans in highly dynamic domains. Mechatronics, 2011, 21, 423-433.	3.3	29
8	Model metamorphosis. IEEE Software, 2003, 20, 46-51.	1.8	26
9	Architectural Constraints in the Model-Driven Development of Self-Adaptive Applications. IEEE Distributed Systems Online, 2008, 9, 1-1.	0.5	19
10	Retrospective on DACNOS. Communications of the ACM, 1990, 33, 439-448.	4.5	15
11	Optimization of non-functional properties in Internet of Things applications. Journal of Network and Computer Applications, 2017, 89, 120-129.	9.1	12
12	Engineering Challenges Ahead for Robot Teamwork in Dynamic Environments. Applied Sciences (Switzerland), 2020, 10, 1368.	2.5	12
13	Optimizing Applications for Mobile Cloud Computing Through MOCCAA. Journal of Grid Computing, 2019, 17, 651-676.	3.9	6
14	A multi-tenant hierarchical modeling for cloud computing workload. Intelligent Automation and Soft Computing, 2016, 22, 579-586.	2.1	4
15	MiniWorld: Resource-aware distributed network emulation via full virtualization. , 2017, , .		4
16	ODP viewpoints of IBCN service management. Computer Communications, 1993, 16, 695-705.	5.1	3
17	When Does Communication Learning Need Hierarchical Multi-Agent Deep Reinforcement Learning. Cybernetics and Systems, 2019, 50, 672-692.	2.5	3
18	Protected object references in heterogeneous distributed systems. IEEE Transactions on Computers, 1993, 42, 809-816.	3.4	2

#	Article	IF	Citations
19	Report about 1st ICSE workshop on software engineering for sensor network applications (SESENA) Tj ETQq1 1 0.784314 rgBT /Over Software Engineering / ACM, 2010, 35, 34-37.	0.7	2
20	Using incomplete satisfiability modulo theories to determine robotic tasks. , 2013, , .		2
21	Decentralized decision making in adaptive multi-robot teams. IT - Information Technology, 2018, 60, 239-248.	0.9	1