

Grace Lewis

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

582
citations

1162889

8
h-index

1199470

12
g-index

31
all docs

31
docs citations

31
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Cloudlets in Hostile Environments. IEEE Pervasive Computing, 2013, 12, 40-49.	1.1	169
2	Tactical Cloudlets: Moving Cloud Computing to the Edge. , 2014, , .		101
3	Improving structured data entry on mobile devices. , 2013, , .		48
4	The Impact of Mobile Multimedia Applications on Data Center Consolidation. , 2013, , .		32
5	Architectural tactics for cyber-foraging: Results of a systematic literature review. Journal of Systems and Software, 2015, 107, 158-186.	3.3	32
6	Service Orientation and Systems of Systems. IEEE Software, 2011, 28, 58-63.	2.1	29
7	Collaboration challenges in building ML-enabled systems. , 2022, , .		27
8	A Reference Architecture for Mobile Code Offload in Hostile Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 274-293.	0.2	21
9	Engineering Systems of Systems. , 2008, , .		20
10	Trends and Challenges for Software Engineering in the Mobile Domain. IEEE Software, 2021, 38, 88-96.	2.1	14
11	Mining guidelines for architecting robotics software. Journal of Systems and Software, 2021, 178, 110969.	3.3	14
12	SMART: Analyzing the Reuse Potential of Legacy Components in a Service-Oriented Architecture Environment. , 2007, , .		13
13	Long-term Life Cycle Impact of Agile Methodologies. Conference on Software Maintenance, Proceedings of the, 2006, , .	0.0	9
14	Effects of service-oriented architecture on software development lifecycle activities. Software Process Improvement and Practice, 2008, 13, 135-144.	1.1	8
15	A plug-in architecture for connecting to new data sources on mobile devices. , 2013, , .		8
16	Systems of Systems: New challenges for maintenance and evolution. , 2008, , .		7
17	A Reference Architecture for Group-Context-Aware Mobile Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 44-63.	0.2	7
18	Empirical validation of cyber-foraging architectural tactics for surrogate provisioning. Journal of Systems and Software, 2018, 138, 37-51.	3.3	5

#	ARTICLE	IF	CITATIONS
19	First international workshop on service-oriented architecture testing (SOAT 2009). , 2009, , .		4
20	Architectural Tactics for Energy-Aware Robotics Software: A Preliminary Study. Lecture Notes in Computer Science, 2021, , 164-171.	1.0	4
21	A tale of three systems: Case studies on the application of architectural tactics for cyber-foraging. Future Generation Computer Systems, 2019, 96, 119-147.	4.9	3
22	Kalki: A Software-Defined IoT Security Platform. , 2020, , .		3
23	A Research Agenda for Maintenance & Evolution of SOA-Based Systems. , 2007, , .		1
24	SEEUP 2009: Workshop on software engineering foundations for end-user programming. , 2009, , .		1
25	SOAME 2010: International Workshop on SOA Migration and Evolution. , 2010, , .		1
26	Kalki++: A Scalable and Extensible IoT Security Platform. , 2021, , .		1
27	Systems interoperability, integration, and composition. Software Process Improvement and Practice, 2008, 13, 111-112.	1.1	0
28	SOAM 2008: 2nd Workshop on SOA-Based Systems Maintenance and Evolution. Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on, 2008, , .	0.0	0
29	MESOA 2008: 2 nd international workshop on a research agenda for maintenance and evolution of service-oriented systems. , 2008, , .		0
30	Tutorial 3: Engineering Systems of Systems. , 2008, , .		0
31	Impact of multi-organizational SOA implementation on the software life cycle. , 2009, , .		0