Daniela Micucci

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7784581/publications.pdf

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63	978	1039406	500791
papers	citations	9 h-index	28 g-index

65	65	65	827
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	UniMiB SHAR: A Dataset for Human Activity Recognition Using Acceleration Data from Smartphones. Applied Sciences (Switzerland), 2017, 7, 1101.	1.3	309
2	Automatic Software Repair: A Survey. IEEE Transactions on Software Engineering, 2019, 45, 34-67.	4.3	199
3	On the Personalization of Classification Models for Human Activity Recognition. IEEE Access, 2020, 8, 32066-32079.	2.6	86
4	Trends in human activity recognition using smartphones. Journal of Reliable Intelligent Environments, 2021, 7, 189-213.	3.8	46
5	Falls as anomalies? An experimental evaluation using smartphone accelerometer data. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 87-99.	3.3	32
6	Automatic software repair. , 2018, , .		31
7	Deep learning and model personalization in sensor-based human activity recognition. Journal of Reliable Intelligent Environments, 2023, 9, 27-39.	3.8	22
8	Hand-crafted Features vs Residual Networks for Human Activities Recognition using Accelerometer. , 2019, , .		21
9	Timed k-Tail: Automatic Inference of Timed Automata. , 2017, , .		20
10	Policy Enforcement with Proactive Libraries. , 2017, , .		18
11	Data loss detector: automatically revealing data loss bugs in Android apps. , 2020, , .		13
12	Healing Data Loss Problems in Android Apps. , 2016, , .		12
13	Verifying Policy Enforcers. Lecture Notes in Computer Science, 2017, , 241-258.	1.0	12
14	Human Activities Recognition Using Accelerometer and Gyroscope. Lecture Notes in Computer Science, 2019, , 357-362.	1.0	11
15	Controlling Interactions with Libraries in Android Apps Through Runtime Enforcement. ACM Transactions on Autonomous and Adaptive Systems, 2019, 14, 1-29.	0.4	11
16	Grounding ecologies on multiple spaces. Pervasive and Mobile Computing, 2012, 8, 575-596.	2.1	9
17	Personalized Models in Human Activity Recognition using Deep Learning. , 2021, , .		9
18	AuDeNTES. ACM Transactions on Computing Education, 2012, 12, 1-26.	2.9	8

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19	A platform for P2P agentâ€based collaborative applications. Software - Practice and Experience, 2019, 49, 549-558.	2.5	8
20	Engineering spatial concepts. Knowledge Engineering Review, 2009, 24, 77-93.	2.1	7
21	On the Homogenization of Heterogeneous Inertial-Based Databases for Human Activity Recognition. , 2019, , .		7
22	From source code to test cases: A comprehensive benchmark for resource leak detection in Android apps. Software - Practice and Experience, 2019, 49, 540-548.	2.5	7
23	A platform for interoperability via multiple spatial views in open smart spaces. , 2010, , .		6
24	In the Field Monitoring of Interactive Application. , 2017, , .		6
25	Space integration services. , 2010, , .		5
26	Increasing the Reusability of Enforcers with Lifecycle Events. Lecture Notes in Computer Science, 2018, , 51-57.	1.0	5
27	Time sensitive architectures: a reflective approach. , 2004, , .		4
28	Architectural abstractions for spaces-based communication in Smart Environments. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 253-277.	0.8	4
29	TkT: Automatic Inference of Timed and Extended Pushdown Automata. IEEE Transactions on Software Engineering, 2022, 48, 617-636.	4.3	4
30	Exploiting the kaleidoscope architecture in an industrial environmental monitoring system with heterogeneous devices and a knowledge-based supervisor. , 2002, , .		3
31	BDCI: behavioral driven conflict identification. , 2017, , .		3
32	UniMiB AAL: An Android Sensor Data Acquisition and Labeling Suite. Applied Sciences (Switzerland), 2018, 8, 1265.	1.3	3
33	Field Monitoring With Delayed Saving. IEEE Access, 2019, 7, 85913-85924.	2.6	3
34	In-the-field monitoring of functional calls: Is it feasible?. Journal of Systems and Software, 2020, 163, 110523.	3.3	3
35	FILO. , 2020, , .		3
36	An Internet-Based Multi-Approach Intervention Targeting University Students Suffering from Psychological Problems: Design, Implementation, and Evaluation. International Journal of Environmental Research and Public Health, 2022, 19, 2711.	1.2	3

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37	Exception-Driven Fault Localization for Automated Program Repair. , 2021, , .		3
38	A connector-based approach for controlled data distribution in RTP architecture. , 0, , .		2
39	Guest editorial preface: Software and system engineering: an ontological perspective. Knowledge Engineering Review, 2009, 24, 1-3.	2.1	2
40	An integrated communication-computing solution in emergency management. , 2010, , .		2
41	An architecture for time-aware systems. , 2011, , .		2
42	Fragmented Monitoring. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 254, 57-68.	0.8	2
43	Test4Enforcers: Test Case Generation for Software Enforcers. Lecture Notes in Computer Science, 2020, , 279-297.	1.0	2
44	Localisation and World Modelling: An Architectural Perspective. International Journal of Advanced Robotic Systems, 2006, 3, 14.	1.3	1
45	How to localize domain entities. , 2009, , .		1
46	Early Conflict Detection with Mined Models. , 2014, , .		1
47	Reliability on pervasive well-being: will it soon become a reality?. Journal of Reliable Intelligent Environments, 2019, 5, 129-130.	3.8	1
48	FILO: FIx-LOcus Recommendation for Problems Caused by Android Framework Upgrade. , 2019, , .		1
49	CBR: Controlled Burst Recording. , 2020, , .		1
50	A Model for Time-Awareness. Lecture Notes in Business Information Processing, 2012, , 70-84.	0.8	1
51	A Space-Based Interoperability Model. Lecture Notes in Business Information Processing, 2010, , 75-89.	0.8	1
52	An Object-Oriented Application Framework for the Development of Real-Time Systems. Lecture Notes in Computer Science, 2012, , 75-90.	1.0	1
53	An Architecture for the Design of Platforms Supporting Responsive Environments. , 2014, , .		1
54	<title>An object-oriented software approach for a distributed human tracking motion system</title>. , 2003, , .		0

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55	Plan validation via petri nets in the real-time performers Java framework. , 2005, , .		0
56	Dynamic Adaptive Navigation via MAIS Reflective Framework. , 0, , .		0
57	Guest editorial preface: Software and system engineering: an ontological perspective. Knowledge Engineering Review, 2009, 24, 201-203.	2.1	0
58	SPACES: Subjective sPaces Architecture for Contextualizing hEterogeneous Sources. Communications in Computer and Information Science, 2016, , 415-429.	0.4	0
59	RGAM: An Architecture-Based Approach to Self-management. Advances in Intelligent Systems and Computing, 2019, , 325-334.	0.5	0
60	Online Social Space Identification. A Computational Tool for Optimizing Social Recommendations. Applied Sciences (Switzerland), 2020, 10, 3024.	1.3	0
61	Spatio-Temporal Normalization of Data from Heterogeneous Sensors. , 2015, , .		0
62	The House of Carbs: Personalized Carbohydrate Dispenser for People with Diabetes. Studies in Health Technology and Informatics, 2020, 270, 693-697.	0.2	0
63	Proactive Libraries: Enforcing Correct Behaviors in Android Apps. , 2022, , .		0