

Aleksandar Ignjatovic

List of Publications by Year in descending order

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56
papers

1,149
citations

687363

13
h-index

477307

29
g-index

57
all docs

57
docs citations

57
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality Control in Crowdsourcing Systems: Issues and Directions. IEEE Internet Computing, 2013, 17, 76-81.	3.3	298
2	Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 98-110.	5.4	143
3	CSI-MIMO: Indoor Wi-Fi fingerprinting system. , 2014, , .		78
4	CSI-MIMO: An efficient Wi-Fi fingerprinting using Channel State Information with MIMO. Pervasive and Mobile Computing, 2015, 23, 89-103.	3.3	55
5	Trust-Based Blockchain Authorization for IoT. IEEE Transactions on Network and Service Management, 2021, 18, 1646-1658.	4.9	54
6	Reputation Management in Crowdsourcing Systems. , 2012, , .		45
7	An Iterative Method for Calculating Robust Rating Scores. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 340-350.	5.6	40
8	Fair Scheduling for Data Collection in Mobile Sensor Networks with Energy Harvesting. IEEE Transactions on Mobile Computing, 2019, 18, 1274-1287.	5.8	30
9	MUTE-AES: A multiprocessor architecture to prevent power analysis based side channel attack of the AES algorithm. , 2008, , .		28
10	Efficient Computation of Robust Average of Compressive Sensing Data in Wireless Sensor Networks in the Presence of Sensor Faults. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1525-1534.	5.6	26
11	Robust evaluation of products and reviewers in social rating systems. World Wide Web, 2015, 18, 73-109.	4.0	26
12	Local Approximations Based on Orthogonal Differential Operators. Journal of Fourier Analysis and Applications, 2007, 13, 309-330.	1.0	23
13	Advanced modes in AES: Are they safe from power analysis based side channel attacks?. , 2014, , .		21
14	Interdependent Security Risk Analysis of Hosts and Flows. IEEE Transactions on Information Forensics and Security, 2015, 10, 2325-2339.	6.9	20
15	On mathematical instrumentalism. Journal of Symbolic Logic, 2005, 70, 778-794.	0.5	16
16	An Analytic Approach to Reputation Ranking of Participants in Online Transactions. , 2008, , .		16
17	Model for Voter Scoring and Best Answer Selection in Community Q&A Services. , 2009, , .		16
18	Analyzing XACML policies using answer set programming. International Journal of Information Security, 2019, 18, 465-479.	3.4	15

#	ARTICLE	IF	CITATIONS
19	Representation and querying of unfair evaluations in social rating systems. Computers and Security, 2014, 41, 68-88.	6.0	14
20	Dueling CLOCK: Adaptive cache replacement policy based on the CLOCK algorithm. , 2010, , .		13
21	RFTC. , 2019, , .		13
22	Machine learning for accelerating <scp>2D</scp> flood models: Potential and challenges. Hydrological Processes, 2021, 35, e14064.	2.6	12
23	Improved VCF normalization for accurate VCF comparison. Bioinformatics, 2017, 33, 964-970.	4.1	11
24	TrojanGuard. , 2017, , .		10
25	Asymptotic behaviour of some families of orthonormal polynomials and an associated Hilbert space. Journal of Approximation Theory, 2016, 210, 41-79.	0.8	9
26	Provenance-aware security risk analysis for hosts and network flows. , 2014, , .		8
27	A Collaborative Reputation System Based on Credibility Propagation in WSNs. , 2015, , .		8
28	Anomaly-free policy composition in software-defined networks. , 2016, , .		8
29	Chromatic Derivatives and Approximations in Practiceâ€”Part II: Nonuniform Sampling, Zero-Crossings Reconstruction, and Denoising. IEEE Transactions on Signal Processing, 2018, 66, 1513-1525.	5.3	7
30	HitME: Low power Hit MEemory buffer for embedded systems. , 2009, , .		6
31	NORA: Algorithmic Balancing without Pre-charge to Thwart Power Analysis Attacks. , 2017, , .		6
32	DoSGuard: Protecting pipelined MPSoCs against hardware Trojan based DoS attacks. , 2017, , .		6
33	An Adaptive Denoising Algorithm for Improving Frequency Estimation and Tracking. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 172-176.	3.0	6
34	Multidimensional chromatic derivatives and series expansions. Proceedings of the American Mathematical Society, 2011, 139, 3513-3513.	0.8	5
35	QuadSeal: Quadruple algorithmic symmetrizing countermeasure against power based side-channel attacks. , 2015, , .		5
36	A Provenance-Aware Multi-dimensional Reputation System for Online Rating Systems. ACM Transactions on Internet Technology, 2018, 18, 1-20.	4.4	5

#	ARTICLE	IF	CITATIONS
37	UCloD: Small Clock Delays to Mitigate Remote Power Analysis Attacks. IEEE Access, 2021, 9, 108411-108425.	4.2	5
38	FSOM: Fair Link Scheduling Optimization for Energy-Aware Data Collection in Mobile Sensor Networks. Lecture Notes in Computer Science, 2014, , 17-33.	1.3	5
39	A trust assessment framework for streaming data in WSNs using iterative filtering. , 2015, , .		4
40	Chromatic Derivatives and Approximations in Practiceâ€”Part I: A General Framework. IEEE Transactions on Signal Processing, 2018, 66, 1498-1512.	5.3	4
41	Pairwise alignment of nucleotide sequences using maximal exact matches. BMC Bioinformatics, 2019, 20, 261.	2.6	4
42	Anatomy of Differential Power Analysis for AES. , 2008, , .		3
43	An Iterative Algorithm for Reputation Aggregation in Multi-dimensional and Multinomial Rating Systems. IFIP Advances in Information and Communication Technology, 2015, , 189-203.	0.7	3
44	Signal recovery algorithm for 2-level amplitude sampling using chromatic signal approximations. Signal Processing, 2018, 153, 143-152.	3.7	3
45	Mobility based Net Ordering for Simultaneous Escape Routing. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.7	3
46	Iterative Filtering Algorithms for Computing Consensus Analyst Estimates. , 2022, , .		3
47	Frequency estimation using time domain methods based on robust differential operators. , 2010, , .		2
48	Iterative Security Risk Analysis for Network Flows Based on Provenance and Interdependency. , 2013, , .		2
49	Simultaneous Escape Routing using Network Flow Optimization. Malaysian Journal of Computer Science, 2016, 29, 86-105.	0.8	2
50	CoRaS: A multiprocessor key corruption and random round swapping for power analysis side channel attacks: A DES case study. , 2012, , .		1
51	Trajectory Approximation for Resource Constrained Mobile Sensor Networks. , 2014, , .		1
52	On reconstruction of bandlimited signals from purely timing information. Signal Processing, 2019, 159, 89-92.	3.7	1
53	Acquisition of High Bandwidth Signals by Sampling an Analog Chromatic Derivatives Filterbank. , 2021, , .		1
54	A case study on exploration of last-level cache for energy reduction in DDR3 DRAM. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	ARCHER: Communication-based predictive architecture selection for application specific multiprocessor Systems-on-Chip. , 2015, , .		0
56	Hardware Trojan Detection and Recovery in MPSoCs via On-line Application Specific Testing. , 2019, , .		0