

Farinaz Koushanfar

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

9,545
citations

279798

23
h-index

133252

59
g-index

209
all docs

209
docs citations

209
times ranked

4326
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Survey of Hardware Trojan Taxonomy and Detection. IEEE Design and Test of Computers, 2010, 27, 10-25. | 1.0 | 1,034 |
| 2 | Physical Unclonable Functions and Applications: A Tutorial. Proceedings of the IEEE, 2014, 102, 1126-1141. | 21.3 | 873 |
| 3 | Exposure in wireless Ad-Hoc sensor networks. , 2001, , . | | 554 |
| 4 | A Primer on Hardware Security: Models, Methods, and Metrics. Proceedings of the IEEE, 2014, 102, 1283-1295. | 21.3 | 471 |
| 5 | EPIC. , 2008, , . | | 417 |
| 6 | Ending Piracy of Integrated Circuits. Computer, 2010, 43, 30-38. | 1.1 | 277 |
| 7 | Lightweight secure PUFs. , 2008, , . | | 225 |
| 8 | Chameleon. , 2018, , . | | 225 |
| 9 | Techniques for Design and Implementation of Secure Reconfigurable PUFs. ACM Transactions on Reconfigurable Technology and Systems, 2009, 2, 1-33. | 2.5 | 159 |
| 10 | Robust and Reverse-Engineering Resilient PUF Authentication and Key-Exchange by Substring Matching. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 37-49. | 4.6 | 158 |
| 11 | Exposure in Wireless Sensor Networks: Theory and Practical Solutions. Wireless Networks, 2002, 8, 443-454. | 3.0 | 156 |
| 12 | Slender PUF Protocol: A Lightweight, Robust, and Secure Authentication by Substring Matching. , 2012, , . | | 153 |
| 13 | Deepsecure. , 2018, , . | | 137 |
| 14 | DeepInspect: A Black-box Trojan Detection and Mitigation Framework for Deep Neural Networks. , 2019, , . | | 136 |
| 15 | Provably Secure Active IC Metering Techniques for Piracy Avoidance and Digital Rights Management. IEEE Transactions on Information Forensics and Security, 2012, 7, 51-63. | 6.9 | 132 |
| 16 | Heart-to-heart (H2H). , 2013, , . | | 132 |
| 17 | Testing Techniques for Hardware Security. , 2008, , . | | 131 |
| 18 | FPGA PUF using programmable delay lines. , 2010, , . | | 118 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | TinyGarble: Highly Compressed and Scalable Sequential Garbled Circuits. , 2015, , . | | 117 |
| 20 | Behavioral synthesis techniques for intellectual property protection. ACM Transactions on Design Automation of Electronic Systems, 2005, 10, 523-545. | 2.6 | 115 |
| 21 | EPIC: Ending Piracy of Integrated Circuits. , 2008, , . | | 107 |
| 22 | Remote activation of ICs for piracy prevention and digital right management. IEEE/ACM International Conference on Computer-Aided Design, Digest of Technical Papers, 2007, , . | 0.0 | 102 |
| 23 | A Unified Framework for Multimodal Submodular Integrated Circuits Trojan Detection. IEEE Transactions on Information Forensics and Security, 2011, 6, 162-174. | 6.9 | 101 |
| 24 | Novel Techniques for High-Sensitivity Hardware Trojan Detection Using Thermal and Power Maps. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2014, 33, 1792-1805. | 2.7 | 97 |
| 25 | Security Based on Physical Unclonability and Disorder. , 2012, , 65-102. | | 90 |
| 26 | Efficient Power and Timing Side Channels for Physical Unclonable Functions. Lecture Notes in Computer Science, 2014, , 476-492. | 1.3 | 89 |
| 27 | Hardware metering. , 2001, , . | | 87 |
| 28 | DeepSigns. , 2019, , . | | 86 |
| 29 | A Taxonomy of Attacks on Federated Learning. IEEE Security and Privacy, 2021, 19, 20-28. | 1.2 | 80 |
| 30 | Invited - Things, trouble, trust. , 2016, , . | | 77 |
| 31 | DeepMarks. , 2019, , . | | 77 |
| 32 | FPGA-Based True Random Number Generation Using Circuit Metastability with Adaptive Feedback Control. Lecture Notes in Computer Science, 2011, , 17-32. | 1.3 | 75 |
| 33 | Consistency-based characterization for IC Trojan detection. , 2009, , . | | 72 |
| 34 | ReBNet: Residual Binarized Neural Network. , 2018, , . | | 71 |
| 35 | DeepSecure: Scalable Provably-Secure Deep Learning. , 2018, , . | | 66 |
| 36 | PUFatt. , 2014, , . | | 64 |

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|----|---|-----|-----------|
| 37 | Trusted Integrated Circuits: A Nondestructive Hidden Characteristics Extraction Approach. Lecture Notes in Computer Science, 2008, , 102-117. | 1.3 | 60 |
| 38 | Time-Bounded Authentication of FPGAs. IEEE Transactions on Information Forensics and Security, 2011, 6, 1123-1135. | 6.9 | 57 |
| 39 | Automated Synthesis of Optimized Circuits for Secure Computation. , 2015, , . | | 56 |
| 40 | A Framework for Collaborative Learning in Secure High-Dimensional Space. , 2019, , . | | 56 |
| 41 | Adversarial Deepfakes: Evaluating Vulnerability of Deepfake Detectors to Adversarial Examples. , 2021, , . | | 55 |
| 42 | Idetic: A high-level synthesis approach for enabling long computations on transiently-powered ASICs. , 2013, , . | | 51 |
| 43 | Intellectual Property Metering. Lecture Notes in Computer Science, 2001, , 81-95. | 1.3 | 51 |
| 44 | Can EDA combat the rise of electronic counterfeiting?. , 2012, , . | | 50 |
| 45 | Robust stable radiometric fingerprinting for wireless devices. , 2009, , . | | 49 |
| 46 | LookNN: Neural network with no multiplication. , 2017, , . | | 48 |
| 47 | Universal Adversarial Perturbations for Speech Recognition Systems. , 0, , . | | 46 |
| 48 | Balancing security and utility in medical devices?. , 2013, , . | | 45 |
| 49 | Fault Tolerance in Wireless Sensor Networks. , 2004, , . | | 45 |
| 50 | Hardware Trojan horse benchmark via optimal creation and placement of malicious circuitry. , 2012, , . | | 42 |
| 51 | High-Sensitivity Hardware Trojan Detection Using Multimodal Characterization. , 2013, , . | | 41 |
| 52 | Hardware Metering: A Survey. , 2012, , 103-122. | | 40 |
| 53 | CAD-based security, cryptography, and digital rights management. Proceedings - Design Automation Conference, 2007, , . | 0.0 | 39 |
| 54 | EDA for secure and dependable cybercars. , 2012, , . | | 36 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | GTX. , 2000, , . | | 35 |
| 56 | SparseHD: Algorithm-Hardware Co-optimization for Efficient High-Dimensional Computing. , 2019, , . | | 34 |
| 57 | Safe Machine Learning and Defeating Adversarial Attacks. IEEE Security and Privacy, 2019, 17, 31-38. | 1.2 | 34 |
| 58 | Protecting bus-based hardware IP by secret sharing. , 2008, , . | | 33 |
| 59 | Customizing Neural Networks for Efficient FPGA Implementation. , 2017, , . | | 33 |
| 60 | Input vector control for post-silicon leakage current minimization in the presence of manufacturing variability. , 2008, , . | | 32 |
| 61 | DeLight. , 2016, , . | | 32 |
| 62 | Integrated circuits metering for piracy protection and digital rights management. , 2011, , . | | 31 |
| 63 | Active control and digital rights management of integrated circuit IP cores. , 2008, , . | | 30 |
| 64 | Hierarchical hybrid power supply networks. , 2010, , . | | 30 |
| 65 | HypoEnergy. Hybrid supercapacitor-battery power-supply optimization for Energy efficiency. , 2011, , . | | 30 |
| 66 | Shielding and securing integrated circuits with sensors. , 2014, , . | | 30 |
| 67 | Extended abstract: Designer's hardware Trojan horse. , 2008, , . | | 29 |
| 68 | Extended abstract: Circuit CAD tools as a security threat. , 2008, , . | | 29 |
| 69 | DeepFense. , 2018, , . | | 29 |
| 70 | Ultra-low power current-based PUF. , 2011, , . | | 28 |
| 71 | A Timing Channel Spyware for the CSMA/CA Protocol. IEEE Transactions on Information Forensics and Security, 2013, 8, 477-487. | 6.9 | 28 |
| 72 | BioChipWork: Reverse Engineering of Microfluidic Biochips. , 2017, , . | | 28 |

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| 73 | DeepAttest. , 2019, , . | | 26 |
| 74 | Coding-based energy minimization for phase change memory. , 2012, , . | | 25 |
| 75 | Processor-Based Strong Physical Unclonable Functions With Aging-Based Response Tuning. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 16-29. | 4.6 | 25 |
| 76 | Provably complete hardware trojan detection using test point insertion. , 2012, , . | | 23 |
| 77 | Compacting privacy-preserving k-nearest neighbor search using logic synthesis. , 2015, , . | | 23 |
| 78 | A Built-in-Self-Test Scheme for Online Evaluation of Physical Unclonable Functions and True Random Number Generators. IEEE Transactions on Multi-Scale Computing Systems, 2016, 2, 2-16. | 2.4 | 23 |
| 79 | ClockPUF: Physical Unclonable Functions Based on Clock Networks. , 2013, , . | | 22 |
| 80 | Provably secure obfuscation of diverse watermarks for sequential circuits. , 2010, , . | | 21 |
| 81 | SSketch: An Automated Framework for Streaming Sketch-Based Analysis of Big Data on FPGA. , 2015, , . | | 21 |
| 82 | Design and Analysis of Secure and Dependable Automotive CPS: A Steer-by-Wire Case Study. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 813-827. | 5.4 | 21 |
| 83 | Post-silicon timing characterization by compressed sensing. , 2008, , . | | 19 |
| 84 | A Survey of Hardware Trojan Taxonomy and Detection. IEEE Design and Test, 2013, , 1-1. | 1.2 | 19 |
| 85 | Techniques for Foundry Identification. , 2014, , . | | 19 |
| 86 | GarbledCPU. , 2016, , . | | 19 |
| 87 | SVD-Based Ghost Circuitry Detection. Lecture Notes in Computer Science, 2009, , 221-234. | 1.3 | 19 |
| 88 | Deep Learning on Private Data. IEEE Security and Privacy, 2019, 17, 54-63. | 1.2 | 18 |
| 89 | ProFlip: Targeted Trojan Attack with Progressive Bit Flips. , 2021, , . | | 18 |
| 90 | BIST-PUF: Online, hardware-based evaluation of physically unclonable circuit identifiers. , 2014, , . | | 17 |

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| 91 | LaserSPECKs: , 2007, , . | | 16 |
| 92 | Rapid FPGA delay characterization using clock synthesis and sparse sampling. , 2010, , . | | 16 |
| 93 | CAMsure. Transactions on Embedded Computing Systems, 2017, 16, 1-20. | 2.9 | 16 |
| 94 | GenUnlock: An Automated Genetic Algorithm Framework for Unlocking Logic Encryption. , 2019, , . | | 16 |
| 95 | Gate Characterization Using Singular Value Decomposition: Foundations and Applications. IEEE Transactions on Information Forensics and Security, 2012, 7, 765-773. | 6.9 | 15 |
| 96 | Chime: Checkpointing Long Computations on Intermittently Energized IoT Devices. IEEE Transactions on Multi-Scale Computing Systems, 2016, 2, 277-290. | 2.4 | 15 |
| 97 | SemiHD: Semi-Supervised Learning Using Hyperdimensional Computing. , 2019, , . | | 15 |
| 98 | Noninvasive leakage power tomography of integrated circuits by compressive sensing. , 2008, , . | | 14 |
| 99 | Perform-ML. , 2016, , . | | 14 |
| 100 | MPCircuits: Optimized Circuit Generation for Secure Multi-Party Computation. , 2019, , . | | 14 |
| 101 | Deep Learning Acceleration with Neuron-to-Memory Transformation. , 2020, , . | | 14 |
| 102 | Adversarial Reprogramming of Text Classification Neural Networks. , 2019, , . | | 14 |
| 103 | Editorial Low-Power, Intelligent, and Secure Solutions for Realization of Internet of Things. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 1-4. | 3.6 | 13 |
| 104 | FastWave: Accelerating Autoregressive Convolutional Neural Networks on FPGA. , 2019, , . | | 13 |
| 105 | CleaNN. , 2020, , . | | 13 |
| 106 | FASE: FPGA Acceleration of Secure Function Evaluation. , 2019, , . | | 12 |
| 107 | A Unified Submodular Framework for Multimodal IC Trojan Detection. Lecture Notes in Computer Science, 2010, , 17-32. | 1.3 | 12 |
| 108 | N-variant IC design. , 2008, , . | | 11 |

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| 109 | Automated checkpointing for enabling intensive applications on energy harvesting devices. , 2013, , . | | 11 |
| 110 | Automated Real-Time Analysis of Streaming Big and Dense Data on Reconfigurable Platforms. ACM Transactions on Reconfigurable Technology and Systems, 2016, 10, 1-22. | 2.5 | 11 |
| 111 | MAXelerator. , 2018, , . | | 11 |
| 112 | Peeking Into the Black Box: A Tutorial on Automated Design Optimization and Parameter Search. IEEE Solid-State Circuits Magazine, 2019, 11, 23-28. | 0.4 | 11 |
| 113 | Learning to manage combined energy supply systems. , 2011, , . | | 10 |
| 114 | I Know Where You are. , 2015, , . | | 10 |
| 115 | Privacy preserving localization for smart automotive systems. , 2016, , . | | 10 |
| 116 | Active Hardware Metering by Finite State Machine Obfuscation. , 2017, , 161-187. | | 10 |
| 117 | Deep3. , 2017, , . | | 10 |
| 118 | ARM2GC. , 2019, , . | | 10 |
| 119 | Can the SHIELD protect our integrated circuits?. , 2014, , . | | 9 |
| 120 | 20 Years of research on intellectual property protection. , 2017, , . | | 9 |
| 121 | ReDCrypt. ACM Transactions on Reconfigurable Technology and Systems, 2018, 11, 1-21. | 2.5 | 9 |
| 122 | TinyGarble2. , 2020, , . | | 9 |
| 123 | Toward Practical Secure Stable Matching. Proceedings on Privacy Enhancing Technologies, 2017, 2017, 62-78. | 2.8 | 9 |
| 124 | COINN: Crypto/ML Codesign for Oblivious Inference via Neural Networks. , 2021, , . | | 9 |
| 125 | Quo vadis, PUF?: Trends and challenges of emerging physical-disorder based security. , 2014, , . | | 8 |
| 126 | An Energy-Efficient Last-Level Cache Architecture for Process Variation-Tolerant 3D Microprocessors. IEEE Transactions on Computers, 2015, 64, 2460-2475. | 3.4 | 8 |

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| 127 | CryptoML: Secure outsourcing of big data machine learning applications. , 2016, , . | | 8 |
| 128 | GeneCAL. , 2020, , . | | 8 |
| 129 | Anti-Collusion Position Estimation in Wireless Sensor Networks. , 2007, , . | | 7 |
| 130 | Integrated circuit digital rights management techniques using physical level characterization. , 2011, , . | | 7 |
| 131 | High-performance optimizations on tiled many-core embedded systems: a matrix multiplication case study. Journal of Supercomputing, 2013, 66, 431-487. | 3.6 | 7 |
| 132 | Design and performance analysis of secure and dependable cybercars: A steer-by-wire case study. , 2016, , . | | 7 |
| 133 | Privacy-preserving deep learning and inference. , 2018, , . | | 7 |
| 134 | On the Application of Binary Neural Networks in Oblivious Inference. , 2021, , . | | 7 |
| 135 | Trojan Signatures in DNN Weights. , 2021, , . | | 7 |
| 136 | Cross-modal Adversarial Reprogramming. , 2022, , . | | 7 |
| 137 | Hybrid heterogeneous energy supply networks. , 2011, , . | | 6 |
| 138 | GenMatch: Secure DNA compatibility testing. , 2016, , . | | 6 |
| 139 | RISE. Transactions on Embedded Computing Systems, 2017, 16, 1-18. | 2.9 | 6 |
| 140 | MAXelerator: FPGA Accelerator for Privacy Preserving Multiply-Accumulate (MAC) on Cloud Servers. , 2018, , . | | 6 |
| 141 | EncoDeep. Transactions on Embedded Computing Systems, 2020, 19, 1-29. | 2.9 | 6 |
| 142 | Multisketches. , 2019, , . | | 6 |
| 143 | HASHTAG: Hash Signatures for Online Detection of Fault-Injection Attacks on Deep Neural Networks. , 2021, , . | | 6 |
| 144 | Guest Editors' Introduction: Confronting the Hardware Trustworthiness Problem. IEEE Design and Test of Computers, 2010, 27, 8-9. | 1.0 | 5 |

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| 145 | PriSearch. , 2017, , . | | 5 |
| 146 | TinyDL: Just-in-time deep learning solution for constrained embedded systems. , 2017, , . | | 5 |
| 147 | CausaLearn. , 2018, , . | | 5 |
| 148 | CuRTAIL: ChaRacterizing and Thwarting Adversarial Deep Learning. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 736-752. | 5.4 | 5 |
| 149 | Security of Microfluidic Biochip. ACM Transactions on Design Automation of Electronic Systems, 2020, 25, 1-29. | 2.6 | 5 |
| 150 | AdaTest: Reinforcement Learning and Adaptive Sampling for On-chip Hardware Trojan Detection. Transactions on Embedded Computing Systems, 2023, 22, 1-23. | 2.9 | 5 |
| 151 | Techniques for maintaining connectivity in wireless ad-hoc networks under energy constraints. Transactions on Embedded Computing Systems, 2007, 6, 16. | 2.9 | 4 |
| 152 | LaserSPECKs: Laser SPECTroscopic Trace-Gas Sensor Networks - Sensor Integration and Applications. , 2007, , . | | 4 |
| 153 | Quo vadis, PUF?: Trends and challenges of emerging physical-disorder based security. , 2014, , . | | 4 |
| 154 | Trustworthy Hardware [Scanning the Issue]. Proceedings of the IEEE, 2014, 102, 1123-1125. | 21.8 | 4 |
| 155 | Evolving EDA beyond its E-roots: An overview. , 2015, , . | | 4 |
| 156 | Phase Change Memory Write Cost Minimization by Data Encoding. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2015, 5, 51-63. | 3.6 | 4 |
| 157 | SHAIP. ACM Transactions on Design Automation of Electronic Systems, 2018, 23, 1-20. | 2.6 | 4 |
| 158 | <i>AdaNS</i>: Adaptive Non-Uniform Sampling for Automated Design of Compact DNNs. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 750-764. | 10.8 | 4 |
| 159 | Peer-to-Peer Variational Federated Learning Over Arbitrary Graphs. IEEE Journal on Selected Areas in Information Theory, 2022, 3, 172-182. | 2.5 | 4 |
| 160 | MetaCores. , 2001, , . | | 3 |
| 161 | Hardware Security: Preparing Students for the Next Design Frontier. , 2007, , . | | 3 |
| 162 | N-version temperature-aware scheduling and binding. , 2009, , . | | 3 |

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| 163 | A queueing theoretic approach for performance evaluation of low-power multi-core embedded systems. Journal of Parallel and Distributed Computing, 2014, 74, 1872-1890. | 4.1 | 3 |
| 164 | Guest Editorial Special Section on Hardware Security and Trust. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2015, 34, 873-874. | 2.7 | 3 |
| 165 | Enhancing Model Parallelism in Neural Architecture Search for Multidevice System. IEEE Micro, 2020, 40, 46-55. | 1.8 | 3 |
| 166 | FlowTrojan: Insertion and Detection of Hardware Trojans on Flow-Based Microfluidic Biochips. , 2020, , . | | 3 |
| 167 | Developing Privacy-preserving AI Systems: The Lessons learned. , 2020, , . | | 3 |
| 168 | SpecMark: A Spectral Watermarking Framework for IP Protection of Speech Recognition Systems. , 0, , . | | 3 |
| 169 | Nonparametric Combinatorial Regression for Shape Constrained Modeling. IEEE Transactions on Signal Processing, 2010, 58, 626-637. | 5.3 | 2 |
| 170 | Hybrid modeling of non-stationary process variations. , 2011, , . | | 2 |
| 171 | Trusted Design in FPGAs. , 2012, , 195-229. | | 2 |
| 172 | Fine-Grained Voltage Boosting for Improving Yield in Near-Threshold Many-Core Processors. , 2015, , . | | 2 |
| 173 | Flexible Transformations For Learning Big Data. , 2015, , . | | 2 |
| 174 | Robust privacy-preserving fingerprint authentication. , 2016, , . | | 2 |
| 175 | Going deeper than deep learning for massive data analytics under physical constraints. , 2016, , . | | 2 |
| 176 | P3. ACM Transactions on Design Automation of Electronic Systems, 2018, 23, 1-19. | 2.6 | 2 |
| 177 | SimBNN: A Similarity-Aware Binarized Neural Network Acceleration Framework. , 2019, , . | | 2 |
| 178 | AHEC: End-to-end Compiler Framework for Privacy-preserving Machine Learning Acceleration. , 2020, , . | | 2 |
| 179 | ILP-based engineering change. Proceedings - Design Automation Conference, 2002, , . | 0.0 | 1 |
| 180 | Integration of Statistical Techniques in the Design Curriculum. , 2007, , . | | 1 |

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| 181 | (Bio)-behavioral CAD. , 2008, , . | | 1 |
| 182 | Challenging benchmark for location discovery in ad hoc networks. , 2008, , . | | 1 |
| 183 | Multiple statistical validations for sensor networks optimization. , 2008, , . | | 1 |
| 184 | Trusting the open latent IC backdoors. , 2011, , . | | 1 |
| 185 | DA systemization of knowledge: A catalog of prior forward-looking initiatives. , 2015, , . | | 1 |
| 186 | RankMap: A Framework for Distributed Learning From Dense Data Sets. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2717-2730. | 11.3 | 1 |
| 187 | Provably Secure Sequential Obfuscation for IC Metering and Piracy Avoidance. IEEE Design and Test, 2021, 38, 51-57. | 1.2 | 1 |
| 188 | Sensor Network Architecture. , 2004, , . | | 1 |
| 189 | D2Cyber: A design automation tool for dependable cybercars. , 2014, , . | | 1 |
| 190 | Principal Component Properties of Adversarial Samples. Communications in Computer and Information Science, 2020, , 58-66. | 0.5 | 1 |
| 191 | Intellectual Property (IP) Protection for Deep Learning and Federated Learning Models. , 2022, , . | | 1 |
| 192 | Global error-tolerant algorithms for location discovery in ad-hoc wireless Networks. , 2002, , . | | 0 |
| 193 | Hop-by-hop or longer hops: The energy perspective. , 2008, , . | | 0 |
| 194 | What is hardware security?. ACM SIGDA Newsletter, 2010, 40, 1-1. | 0.0 | 0 |
| 195 | Real time emulations. , 2010, , . | | 0 |
| 196 | CyCAR'2013. , 2013, , . | | 0 |
| 197 | Low-power resource binding by postsilicon customization. ACM Transactions on Design Automation of Electronic Systems, 2013, 18, 1-22. | 2.6 | 0 |
| 198 | D2Cyber: A design automation tool for dependable cybercars. , 2014, , . | | 0 |

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| 199 | D2CyberSoft: A design automation tool for soft error analysis of Dependable Cybercars. , 2016, , . | | 0 |
| 200 | ExtDict: Extensible Dictionaries for Data- and Platform-Aware Large-Scale Learning. , 2017, , . | | 0 |
| 201 | ASHES 2017. , 2017, , . | | 0 |
| 202 | Assured deep learning. , 2018, , . | | 0 |
| 203 | The Fusion of Secure Function Evaluation and Logic Synthesis. IEEE Security and Privacy, 2021, 19, 48-55. | 1.2 | 0 |
| 204 | Hardware/Algorithm Codesign for Adversarially Robust Deep Learning. IEEE Design and Test, 2021, 38, 31-38. | 1.2 | 0 |
| 205 | Localized Algorithms for Sensor Networks. , 2004, , . | | 0 |
| 206 | SWANN: Small-World Architecture for Fast Convergence of Neural Networks. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 575-585. | 3.6 | 0 |
| 207 | Unified Architectural Support for Secure and Robust Deep Learning. , 2020, , . | | 0 |
| 208 | AutoRank: Automated Rank Selection for Effective Neural Network Customization. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 611-619. | 3.6 | 0 |