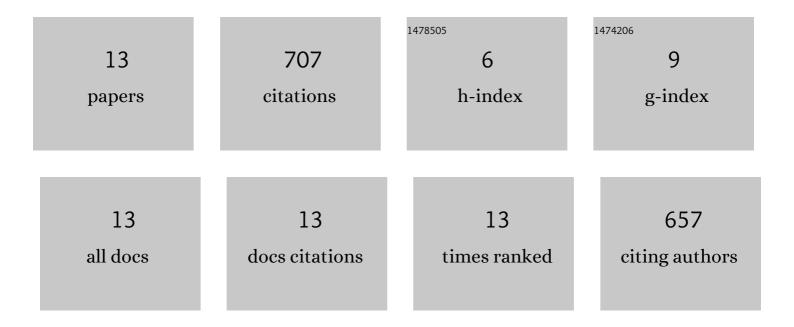
## List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | INCAME: Interruptible CNN Accelerator for Multirobot Exploration. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 964-978.  | 2.7 | 2         |
| 2  | A Unified FPGA Virtualization Framework for General-Purpose Deep Neural Networks in the Cloud.<br>ACM Transactions on Reconfigurable Technology and Systems, 2022, 15, 1-31.   | 2.5 | 2         |
| 3  | Reliability evaluation of FPGA based pruned neural networks. Microelectronics Reliability, 2022, 130, 114498.  | 1.7 | 4         |
| 4  | A Survey of FPGA-Based Robotic Computing. IEEE Circuits and Systems Magazine, 2021, 21, 48-74.   | 2.3 | 38        |
| 5  | Robotic Computing on FPGAs. Synthesis Lectures on Computer Architecture, 2021, 16, 1-218.  | 1.3 | 7         |
| 6  | Ensemble of Pruned Networks for Reliable Classifiers. , 2021, , .  |     | 2         |
| 7  | [DL] A Survey of FPGA-based Neural Network Inference Accelerators. ACM Transactions on Reconfigurable Technology and Systems, 2019, 12, 1-26.  | 2.5 | 150       |
| 8  | Angel-Eye: A Complete Design Flow for Mapping CNN Onto Embedded FPGA. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 35-47.  | 2.7 | 382       |
| 9  | Hardware Trojan Detection in Third-Party Digital Intellectual Property Cores by Multilevel Feature<br>Analysis. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37,<br>1370-1383. | 2.7 | 42        |
| 10 | Real-Time Object Detection and Semantic Segmentation Hardware System with Deep Learning Networks. , 2018, , .  |     | 13        |
| 11 | Design of fault-tolerant neuromorphic computing systems. , 2018, , .   |     | 14        |
| 12 | A General Framework for Hardware Trojan Detection in Digital Circuits by Statistical Learning<br>Algorithms. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2017, 36,<br>1633-1646.    | 2.7 | 23        |
| 13 | FASTrust: Feature analysis for third-party IP trust verification. , 2015, , .  |     | 28        |