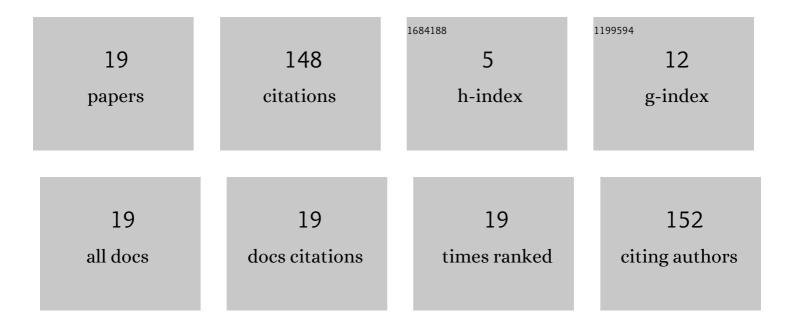
Marco Matta

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------------------|---------------------------|
| 1 | An Efficient Hardware Implementation of Reinforcement Learning: The Q-Learning Algorithm. IEEE Access, 2019, 7, 186340-186351. | 4.2 | 59 |
| 2 | Qâ€RTS: a realâ€ŧime swarm intelligence based on multiâ€agent Qâ€ŀearning. Electronics Letters, 2019, 55, 589-591. | 1.0 | 23 |
| 3 | A Reinforcement Learning-Based QAM/PSK Symbol Synchronizer. IEEE Access, 2019, 7, 124147-124157. | 4.2 | 20 |
| 4 | FPGA Implementation of Hand-written Number Recognition Based on CNN. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 167-171. | 0.4 | 14 |
| 5 | An Action-Selection Policy Generator for Reinforcement Learning Hardware Accelerators. Lecture Notes in Electrical Engineering, 2021, , 267-272. | 0.4 | 5 |
| 6 | Efficient Ensemble Machine Learning Implementation on FPGA Using Partial Reconfiguration. Lecture Notes in Electrical Engineering, 2019, , 253-259. | 0.4 | 4 |
| 7 | Approximated computing for low power neural networks. Telkomnika (Telecommunication Computing) Tj ETQq1 | 1 0.78431 0.8 | 14 ₄ rgBT /Ove |
| 8 | FPGA Implementation of Q-RTS for Real-Time Swarm Intelligence Systems. , 2020, , . | | 4 |
| 9 | A Q-Learning based PSK Symbol Synchronizer. , 2019, , . | | 3 |
| 10 | Hardware Prototyping and Validation of a W-ΔDOR Digital Signal Processor. Applied Sciences (Switzerland), 2019, 9, 2909. | 2.5 | 3 |
| 11 | IP Generator Tool for Efficient Hardware Acceleration of Self-organizing Maps. Lecture Notes in Electrical Engineering, 2019, , 493-499. | 0.4 | 2 |
| 12 | A Feature Extractor IC for Acoustic Emission Non-destructive Testing. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 538-543. | 0.4 | 2 |
| 13 | Merged Carrier and Timing Recovery Loops QPSK Demodulator based on Iterative Learning Control. , 2019, , . | | 1 |
| 14 | Comparison and Implementation of Variable Fractional Delay Filters for Wideband Digital Beamforming. Lecture Notes in Electrical Engineering, 2019, , 445-451. | 0.4 | 1 |
| 15 | Digital Architecture of Next Generation Spacecraft Tracker Based on Wideband â^†DOR. Lecture Notes in Electrical Engineering, 2019, , 17-24. | 0.4 | 1 |
| 16 | Comparison between Trigonometric, and traditional DDS, in 90 nm technology. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2245. | 0.8 | 1 |
| 17 | Efï¬cient FPGA implementation of high speed digital delay for wideband beamforming using parallel architectures. Bulletin of Electrical Engineering and Informatics, 2019, 8, 422-427. | 0.8 | 1 |
| 18 | Digital Architecture and ASIC Implementation of Wideband Delta DOR Spacecraft Onboard Tracker. , 2018, , . | | 0 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Acoustic Emissions Detection and Ranging of Cracks in Metal Tanks Using Deep Learning. Lecture Notes in Electrical Engineering, 2020, , 325-331. | 0.4 | Ο |