

AlaaDdin Al-Shidaifat

List of Publications by Year in descending order

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6
papers

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2258059

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| # | ARTICLE | IF | CITATIONS |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Gd-Doped HfO ₂ Memristor Device, Evaluation Robustness by Image Noise Cancellation and Edge Detection Filter for Neuromorphic Computing. IEEE Access, 2019, 7, 157922-157932. | 4.2 | 9 |
| 2 | A Novel Characterization and Performance Measurement of Memristor Devices for Synaptic Emulators in Advanced Neuro-Computing. Micromachines, 2020, 11, 89. | 2.9 | 9 |
| 3 | Breaking the Limits in Ternary Logic: An Ultra-Efficient Auto-Backup/Restore Nonvolatile Ternary Flip-Flop Using Negative Capacitance CNTFET Technology. IEEE Access, 2021, 9, 132641-132651. | 4.2 | 7 |
| 4 | Ultra-Efficient and Robust Auto-Nonvolatile Schmitt Trigger-Based Latch Design Using Ferroelectric CNTFET Technology. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1829-1840. | 3.0 | 3 |
| 5 | A Conceptual Investigation at the Interface between Wireless Power Devices and CMOS Neuron IC for Retinal Image Acquisition. Applied Sciences (Switzerland), 2020, 10, 6154. | 2.5 | 2 |
| 6 | Cell Segmentation in Phase Contrast Microscopy by Constrained Optimization. International Journal of E-Health and Medical Communications, 2015, 6, 36-47. | 1.6 | 0 |