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Journal Information

Journal Title	INTEGRATION-THE VLSI JOURNAL
Publisher	ELSEVIER
ISSN	0167-9260
E-ISSN	1872-7522
Database	Clarivate
Domain	Life Sciences, Physical Sciences, Social Sciences

Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

MTSLBC: A low-energy lightweight block cipher with dynamic key schedule for IoMT sensors
2027-1 Vol. 112 Pages 102870
Authors: Jiachen Cui, Lang Li, Liuyan Yan
DOI: 10.1016/j.vlsi.2026.102870

A side-channel attack on reinforcement learning models
2027-1 Vol. 112 Pages 102869
Authors: Hanxun Zhou, Zhichuan Wang, Deming Yin et al.
DOI: 10.1016/j.vlsi.2026.102869

Reconfigurable convolution kernels using temporal folding and spatial logic for DNN-based image classifiers
2027-1 Vol. 112 Pages 102898
Authors: Sri Hari A.S., Arunachalam V.
DOI: 10.1016/j.vlsi.2026.102898

RL-guided simulation beam search for pre-assigned RDL routing in FO-WLP
2027-1 Vol. 112 Pages 102895
Authors: Xinguo Deng, Guorui Miao, Jiarui Chen
DOI: 10.1016/j.vlsi.2026.102895

A high-precision reconfigurable hardware implementation of the GELU activation function based on CORDIC
2027-1 Vol. 112 Pages 102923
Authors: Xiaoyu Zhang
DOI: 10.1016/j.vlsi.2026.102923

A single-output multi-value voltage reference based on hybrid ZTC concept in 16 nm FinFET

2027-1 Vol. 112 Pages 102909
Authors: Miguel Coelho, Pedro Toledo, Alexandra Matos et al.
DOI: 10.1016/j.vlsi.2026.102909

Design and optimization of capsule network mapping strategy on reconfigurable AI accelerator

2027-1 Vol. 112 Pages 102893
Authors: Junyong Deng, Jian Sun, Kun Yang et al.
DOI: 10.1016/j.vlsi.2026.102893

A high-speed two-step Flash/single-slope ADC with dual-capacitor bottom-plate boosting for column-parallel CMOS image sensors

2027-1 Vol. 112 Pages 102868
Authors: Qiang Zhao, Jingwei Liu, Bin Qiang et al.
DOI: 10.1016/j.vlsi.2026.102868

A high-SNM SRAM cell with circuit-layout co-hardening for MNU self-recovery

2027-1 Vol. 112 Pages 102866
Authors: Hongchen Li, Xiaofeng Zhao, Jie Li et al.
DOI: 10.1016/j.vlsi.2026.102866

A quantitative delay-aware model for automatic pruning

2027-1 Vol. 112 Pages 102894
Authors: Lulin Cai, Yajuan He
DOI: 10.1016/j.vlsi.2026.102894