

Saad Bin Nasir

List of Publications by Year in descending order

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papers

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citations

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253
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#	ARTICLE	IF	CITATIONS
1	A 55-nm, 1.0â€“0.4V, 1.25-pJ/MAC Time-Domain Mixed-Signal Neuromorphic Accelerator With Stochastic Synapses for Reinforcement Learning in Autonomous Mobile Robots. IEEE Journal of Solid-State Circuits, 2019, 54, 75-87.	5.4	31
2	ASNI: Attenuated Signature Noise Injection for Low-Overhead Power Side-Channel Attack Immunity. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3300-3311.	5.4	56
3	A Reconfigurable Hybrid Low Dropout Voltage Regulator for Wide-Range Power Supply Noise Rejection and Energy-Efficiency Trade-Off. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1864-1868.	3.0	8
4	Switched-Mode-Control Based Hybrid LDO for Fine-Grain Power Management of Digital Load Circuits. IEEE Journal of Solid-State Circuits, 2018, 53, 569-581.	5.4	42
5	A 65nm, 1.15â€“0.15V, 99.99% Current-efficient Digital Low Dropout Regulator with Asynchronous Non-linear Control for Droop Mitigation. , 2018, , .		0
6	High efficiency power side-channel attack immunity using noise injection in attenuated signature domain. , 2017, , .		46
7	All-digital linear regulators with proactive and reactive gain-boosting for supply droop mitigation in digital load circuits. , 2016, , .		1
8	Embedded hybrid LDO topologies for digital load circuits. , 2016, , .		5
9	A 130nm hybrid low dropout regulator based on switched mode control for digital load circuits. , 2016, , .		19
10	On limit cycle oscillations in discrete-time digital linear regulators. , 2015, , .		31
11	Modeling and analysis of digital linear dropout regulators with adaptive control for high efficiency under wide dynamic range digital loads. , 2014, , .		8
12	Modeling and analysis of system stability in a distributed power delivery network with embedded digital linear regulators. , 2014, , .		13
13	Modeling and analysis of digital linear dropout regulators with adaptive control for high efficiency under wide dynamic range digital loads. , 2014, , .		1