Saad Bin Nasir

List of Publications by Year
in descending order

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13 papers	261 citations	1937685 4 h-index	2272923 4 g-index
13 all docs	13 docs citations	13 times ranked	253 citing authors

#	Article	IF	Citations
1	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
2	High efficiency power side-channel attack immunity using noise injection in attenuated signature domain. , 2017, , .		46
3	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
4	On limit cycle oscillations in discrete-time digital linear regulators. , 2015, , .		31
5	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
6	A 130nm hybrid low dropout regulator based on switched mode control for digital load circuits. , 2016, , .		19
7	Modeling and analysis of system stability in a distributed power delivery network with embedded digital linear regulators. , 2014, , .		13
8	Modeling and analysis of digital linear dropout regulators with adaptive control for high efficiency under wide dynamic range digital loads. , 2014, , .		8
9	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
10	Embedded hybrid LDO topologies for digital load circuits. , 2016, , .		5
11	All-digital linear regulators with proactive and reactive gain-boosting for supply droop mitigation in digital load circuits. , 2016, , .		1
12	Modeling and analysis of digital linear dropout regulators with adaptive control for high efficiency under wide dynamic range digital loads. , 2014, , .		1
13	A 65nm, 1.15â€“0.15V, 99.99% Current-efficient Digital Low Dropout Regulator with Asynchronous Non-linear Control for Droop Mitigation. , 2018, , .		0