

Menglian Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Ultra-Low Quiescent Current Tri-Mode DC-DC Buck Converter With 92.1% Peak Efficiency for IoT Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 428-439.	5.4	20
2	A 4-1/4W Bandwidth/Power Scalable Delta-Sigma Modulator Based on Swing-Enhanced Floating Inverter Amplifiers. IEEE Journal of Solid-State Circuits, 2022, 57, 709-718.	5.4	9
3	A large-current, highly integrated switched-capacitor divider with a dual-branch interleaved topology and light load efficiency improvement. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 317-327.	2.6	0
4	A fully integrated 5pF output capacitor, MOS-only reference, 55-nm LDO with optimized area and power for SoC applications. IEICE Electronics Express, 2022, 19, 20220051-20220051.	0.8	5
5	A 108 dB DR \hat{r}^{\sim} \hat{a}^{\sim} \hat{M} Front-End With 720 mV _{pp} Input Range and $\hat{g}t; \hat{A} \pm 300$ mV Offset Removal for Multi-Parameter Biopotential Recording. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 199-209.	4.0	18
6	A 25MHz Dual-Phase Buck Converter Using Full-Differential High-Gain Current Balance Method with Chopper and Notch Filter. , 2021, , .		0
7	Miller Plateau Corrected with Displacement Currents and Its Use in Analyzing the Switching Process and Switching Loss. Electronics (Switzerland), 2021, 10, 2013.	3.1	1
8	A Fully Differential PPG Readout Amplifier with a Reconfigurable Bandwidth for Power Minimization. , 2021, , .		3
9	Seizure Prediction Using Multi-View Features and Improved Convolutional Gated Recurrent Network. IEEE Access, 2020, 8, 172352-172361.	4.2	11
10	Design of a Low Temperature Drift UVLO Circuit with Base Current Compensation. , 2019, , .		2
11	Dual-Phase DC-DC buck converter with light-load performance enhancement for portable applications. IET Power Electronics, 2018, 11, 719-726.	2.1	12
12	Fully integrated high-efficiency high step-down ratio DC-DC buck converter with predictive over-current protection scheme. IET Power Electronics, 2017, 10, 1959-1965.	2.1	2
13	Zero-current switching method for dc-dc buck converter in portable application. Electronics Letters, 2015, 51, 1913-1914.	1.0	5