

Yu-Pin Hsu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	A $\hat{\sim}$ 68 dB THD, 0.6 mm ² Active Area Biosignal Acquisition System With a 40 $\hat{\sim}$ 320 Hz Duty-Cycle Controlled Filter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 48-59.	5.4	30
2	A 12.3- $\hat{\sim}$ 4W 0.72-mm ² Fully Integrated Front-End IC for Arterial Pulse Waveform and ExG Recording. IEEE Journal of Solid-State Circuits, 2020, 55, 2756-2770.	5.4	16
3	Common-mode interference and power conversion efficiency of differential rectifiers in RF energy harvesters. Analog Integrated Circuits and Signal Processing, 2020, 103, 103-116.	1.4	0
4	A Thermal/RF Hybrid Energy Harvesting System With Rectifying-Combination and Improved Fractional-OCV MPPT Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3352-3363.	5.4	25
5	An Improved OCV-Based MPPT Method Targeting Higher Average Efficiency in Thermal/Solar Energy Harvesters. , 2019, , .		4
6	A 10 μ W-74.6dB THD Arterial Pulse Waveform Sensing System with Automatic Bridge-Offset Calibration and Super Class-AB Output Stage. , 2019, , .		1
7	An RF-DC Converter IC With On-Chip Adaptive Impedance Matching and 307- $\hat{\sim}$ W Peak Output Power for Health Monitoring Applications. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1565-1574.	3.1	26
8	A 1.8 $\hat{\sim}$ W $\hat{\sim}$ 65 dB THD ECG Acquisition Front-End IC Using a Bandpass Instrumentation Amplifier With Class-AB Output Configuration. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1859-1863.	3.0	17
9	A low-power adjustable bandwidth biomedical signals acquisition SoC for continuous health monitoring system. , 2016, , .		1
10	An RF powering system with adaptive impedance matching for individual health monitoring applications. , 2016, 2016, 4983-4986.		6
11	Skin-Coupled Personal Wearable Ambulatory Pulse Wave Velocity Monitoring System Using Microelectromechanical Sensors. IEEE Sensors Journal, 2014, 14, 3490-3497.	4.7	52
12	Skin-surface-coupled personal health monitoring system. , 2013, , .		9
13	Electrical characterization of 26 $\hat{\sim}$ 26 ground reaction sensor array interfaced with two parallel electronic detection channels. , 2013, , .		2