

Payam Heydari

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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840776

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23
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389
citing authors

#	ARTICLE	IF	CITATIONS
1	A CMOS Dual-Mode Brain-Computer Interface Chipset With 2-mV Precision Time-Based Charge Balancing and Stimulation-Side Artifact Suppression. IEEE Journal of Solid-State Circuits, 2022, 57, 1824-1840.	5.4	24
2	Weighing and prioritization of individual factors affecting the performance of industries firefighters. Fire Safety Journal, 2022, 127, 103512.	3.1	4
3	A Study of BER and EVM Degradation in Digital Modulation Schemes Due to PLL Jitter and Communication-Link Noise. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3402-3415.	5.4	10
4	An Analysis of CMRR Degradation in Multi-Channel Biosignal Recording Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 151-155.	3.0	4
5	An mm-Wave Scalable PLL-Coupled Array for Phased-Array Applications in 65-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1439-1452.	4.6	19
6	An LO Leakage Suppression Technique for Blocker-Tolerant Wideband Receivers With High-Q Selectivity at RF Input. IEEE Journal of Solid-State Circuits, 2021, 56, 1682-1696.	5.4	9
7	Terahertz Integrated Circuits and Systems for High-Speed Wireless Communications: Challenges and Design Perspectives. IEEE Open Journal of the Solid-State Circuits Society, 2021, 1, 18-36.	2.7	20
8	A CMOS Two-Element 170-GHz Fundamental-Frequency Transmitter With Direct RF-8PSK Modulation. IEEE Journal of Solid-State Circuits, 2020, 55, 282-297.	5.4	36
9	Power harvesting from physiological serum in microfluidic enzymatic biofuel cell. Microelectronic Engineering, 2020, 219, 111159.	2.4	12
10	An Energy-Efficient CMOS Dual-Mode Array Architecture for High-Density ECoG-Based Brain-Machine Interfaces. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 332-342.	4.0	16
11	A Study of Multi-Phase Injection on Accelerating Crystal Oscillator Start-Up. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2868-2872.	3.0	5
12	On Analog QAM Demodulation for Millimeter-Wave Communications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 402-406.	3.0	5
13	A 115-135-GHz 8PSK Receiver Using Multi-Phase RF-Correlation-Based Direct-Demodulation Method. IEEE Journal of Solid-State Circuits, 2019, 54, 2435-2448.	5.4	32
14	Analysis and Design of High-Order QAM Direct-Modulation Transmitter for High-Speed Point-to-Point mm-Wave Wireless Links. IEEE Journal of Solid-State Circuits, 2019, 54, 3161-3179.	5.4	39
15	Study and Design of a Fast Start-Up Crystal Oscillator Using Precise Dithered Injection and Active Inductance. IEEE Journal of Solid-State Circuits, 2019, 54, 2543-2554.	5.4	11
16	A CMOS MedRadio Transceiver With Supply-Modulated Power Saving Technique for an Implantable Brain-Machine Interface System. IEEE Journal of Solid-State Circuits, 2019, 54, 1541-1552.	5.4	23
17	A Millimeter-Wave Partially Overlapped Beamforming-MIMO Receiver: Theory, Design, and Implementation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1924-1936.	4.6	9
18	Introduction to the Special Issue on the 2019 IEEE International Solid-State Circuits Conference (ISSCC). IEEE Journal of Solid-State Circuits, 2019, 54, 3243-3246.	5.4	0

#	ARTICLE	IF	CITATIONS
19	A CMOS V-Band PLL With a Harmonic Positive Feedback VCO Leveraging Operation in Triode Region for Phase-Noise Improvement. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 1818-1830.	5.4	11
20	Analysis and Design of a Wideband, Balun-Based, Differential Power Splitter at mm-Wave. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1629-1633.	3.0	9
21	Development of Novel Glucose oxidase Immobilization on Graphene/Gold nanoparticles/Poly Neutral red modified electrode. Process Biochemistry, 2017, 56, 71-80.	3.7	25
22	Low cost method for hot embossing of microstructures on PMMA by SU-8 masters. Microsystem Technologies, 2014, 20, 1925-1931.	2.0	19
23	Electrostatic Excitation for the Force Amplification of Microcantilever Sensors. Sensors, 2011, 11, 10129-10142.	3.8	8