

# Aydin Ilker Karsilayan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1770420/publications.pdf>

Version: 2024-02-01

18  
papers

99  
citations

1684188

5  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

113  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | An Interference-Tolerant Synchronization Scheme for Wireless Communication Systems Based on Direct Sequence Spread Spectrum. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 415-427.  | 5.4 | 2         |
| 2  | Automatic tuning scheme for second order bandstop filters based on phase comparison. Analog Integrated Circuits and Signal Processing, 2020, 102, 331-340.  | 1.4 | 0         |
| 3  | A 12-Bit 125-MS/s 2.5-Bit/Cycle SAR-Based Pipeline ADC Employing a Self-Biased Gain Boosting Amplifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3618-3629.   | 5.4 | 5         |
| 4  | Blocker-Tolerant Wideband Continuous-Time $\hat{\sigma}^2$ ADC Using Embedded Minimally-Invasive Filtering. , 2020, , .   |     | 0         |
| 5  | An Efficient Sinusoid-Like Pseudo Random Sequence Modulator/Demodulator System With Reduced Adjacent Channel Leakage and High Rejection to Random and Systematic Interference. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3790-3803.              | 5.4 | 1         |
| 6  | A 3 $\hat{a}$ €“6-GHz Highly Linear I-Channel Receiver With Over +3.0-dBm In-Band P<sub>1dB</sub> and 200-MHz Baseband Bandwidth Suitable for 5G Wireless and Cognitive Radio Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3134-3147. | 5.4 | 16        |
| 7  | Blocker-Tolerant and High-Sensitivity $\Delta$ Sigma $\Delta$ Correlation Digitizer for Radar and Coherent Receiver Applications. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3453-3463.  | 4.6 | 2         |
| 8  | A 200MSPS time-interleaved 12-bit ADC system with digital calibration. , 2017, , .  |     | 1         |
| 9  | Blocker tolerant wideband continuous time sigma-delta modulator for wireless applications. , 2014, , .  |     | 0         |
| 10 | A current-mode flash ADC for low-power continuous-time sigma delta modulators. , 2013, , .  |     | 4         |
| 11 | An LC Quadrature VCO Using Capacitive Source Degeneration Coupling to Eliminate Bi-Modal Oscillation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 1871-1879.   | 5.4 | 22        |
| 12 | Blocker and jitter tolerant wideband &#x03A3;&#x0394; modulators. , 2012, , .   |     | 0         |
| 13 | Self-Powered Rectifier for Energy Harvesting Applications. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 308-320.  | 3.6 | 22        |
| 14 | A large-signal blocker robust transimpedance amplifier for coexisting radio receivers in 45nm CMOS. , 2011, , .   |     | 5         |
| 15 | Adaptive Narrowband Interference Suppression in $\hat{A}$ Multiband OFDM Receivers. Circuits, Systems, and Signal Processing, 2008, 27, 475-489.  | 2.0 | 2         |
| 16 | THD+Noise Estimation in Class-D Amplifiers. , 2007, , .   |     | 6         |
| 17 | Sensitivity of Multiband ZP-OFDM Ultra-Wide-Band and Receivers to Synchronization Errors. IEEE Transactions on Signal Processing, 2007, 55, 729-734.  | 5.3 | 11        |
| 18 | Impact of Narrowband Interference on Multi-Band OFDM Ultra Wideband Communication Systems. , 2006, , .  |     | 0         |