

# Francisco Aznar

## List of Publications by Year in descending order

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16  
papers

138  
citations

1307594

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h-index

1474206

9  
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17  
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docs citations

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times ranked

101  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Low-Voltage Linearly Tunable CMOS Transconductor With Common-Mode Feedforward. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 715-721. | 5.4 | 36        |
| 2  | A 0.18 $\mu$ m CMOS transimpedance amplifier with 26 dB dynamic range at 2.5 Gb/s. Microelectronics Journal, 2011, 42, 1136-1142.                              | 2.0 | 18        |
| 3  | Cost-Effective 1.25-Gb/s CMOS Receiver for 50-m Large-Core SI-POF Links. IEEE Photonics Technology Letters, 2012, 24, 485-487.                                 | 2.5 | 15        |
| 4  | Gigabit Receiver Over 1 mm SI-POF For Home Area Networks. Journal of Lightwave Technology, 2012, 30, 2668-2674.  | 4.6 | 14        |
| 5  | Radio over Fiber: An Alternative Broadband Network Technology for IoT. Electronics (Switzerland), 2020, 9, 1785.   | 3.1 | 13        |
| 6  | CMOS Receiver Front-ends for Gigabit Short-Range Optical Communications. , 2013, , .   |     | 11        |
| 7  | 8 Gbits/s inductorless transimpedance amplifier in 90 nm CMOS technology. Analog Integrated Circuits and Signal Processing, 2014, 79, 27-36.                   | 1.4 | 10        |
| 8  | A 0.18 $\mu$ m CMOS linear-in-dB AGC post-amplifier for optical communications. Microelectronics Reliability, 2011, 51, 959-964.                               | 1.7 | 8         |
| 9  | Methodology for Performance Optimization in Noise- and Distortion-Canceling LNA. , 2019, , .   |     | 4         |
| 10 | A New Approach to the Design of CMOS Inductorless Common-gate Low-noise Amplifiers. , 2020, , .  |     | 4         |
| 11 | Design-Window Methodology for Inductorless Noise-Cancelling CMOS LNAs. IEEE Access, 2022, 10, 29482-29492.   | 4.2 | 3         |
| 12 | Multi-gigabit analog equalizers for plastic optical fibers. Microelectronics Journal, 2013, 44, 870-879.   | 2.0 | 2         |
| 13 | A Strategy to Achieve Competitive Performance in Basic RF LNAs. , 2021, , .  |     | 0         |
| 14 | Analysis of Non-Idealities on CMOS Passive Mixers. Electronics (Switzerland), 2021, 10, 1105.  | 3.1 | 0         |
| 15 | POF Receiver. , 2013, , 147-172.   |     | 0         |
| 16 | Transimpedance Amplifier. , 2013, , 61-98.   |     | 0         |