Carlos Augusto de Moraes Cruz

List of Publications by Year
in descending order

		2258059	1872680
19 papers	43 citations	3 h-index	6 g-index
19 all docs	19 docs citations	19 times ranked	28 citing authors

#	Article	IF	Citations
1	FPN Attenuation by Reset-Drain Actuation in the Linear-Logarithmic Active Pixel Sensor. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 2825-2833.	5.4	12
2	Voltage Mode FPN Calibration in the Logarithmic CMOS Imager. IEEE Transactions on Electron Devices, 2015, 62, 2528-2534.	3.0	11
3	A Compact Current Conveyor CMOS Potentiostat Circuit for Electrochemical Sensors. , 2019, , .		3
4	Angular Light, Polarization and Stokes Parameters Information in a Hybrid Image Sensor with Division of Focal Plane. Sensors, 2020, 20, 3391.	3.8	3
5	Impact of CMOS Pixel and Electronic Circuitry in the Performance of a Hartmann-Shack Wavefront Sensor. Sensors, 2018, 18, 3282.	3.8	2
6	Fractal and Polar Microstrip Antennas and Arrays for Wireless Communications. , 2020, , .		2
7	Compact Bioinspired Antenna for WLAN 5ÂGHz Application. Wireless Personal Communications, 2021, 119, 329-341.	2.7	2
8	Diagnostic Classification of Cases of Canine Leishmaniasis Using Machine Learning. Sensors, 2022, 22, 3128.	3.8	2
9	Extended use of pseudo-flash reset technique for an active pixel with logarithmic compressed response. , 2012, , .		1
10	A novel electrical circuit model for ion-sensitive field-effect transistor. , 2017, , .		1
11	Spectral Noise Analysis of a CMOS Imager at Low Temperature for Logarithmic Mode. IEEE Transactions on Electron Devices, 2019, 66, 2662-2668.	3.0	1
12	Autofocus Entropy Repositioning Method Bioinspired in the Magnetic Field Memory of the Bees Applied to Pollination. Sensors, 2021, 21, 6198.	3.8	1
13	A Novel Hybrid CMOS Pixel-Cluster for Local Light Angle, Polarization and Intensity Detection with Determination of Stokes Parameters. Journal of Integrated Circuits and Systems, 2018, 13, 1-10.	0.4	1
14	Gate-Oxide Voltage Overstress Treatment in Charge Pump Circuits for Standard CMOS Technologies. Journal of Integrated Circuits and Systems, 2015, 10, 65-73.	0.4	1
15	Effective Cross Comparison of Mismatch Effects on Different Logarithmic Pixel Sensor Topologies. , 2015, , .		0
16	Power consumption contrasting model for different logarithmic active pixel sensor topologies. , 2017, , .		0
17	A low-power FPN attenuation method in the double-log PMOS APS. , 2017, , .		0
18	A novel hybrid polarization-quadrature pixel cluster for local light angle and intensity detection. , 2017, , .		0

#	Article	IF	Citations
19	Improved ISFET Readout Circuit: Characterization and Comparison. , 2019, , .		0