

Carlos Augusto de Moraes Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

43
citations

2258059

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h-index

1872680

6
g-index

19
all docs

19
docs citations

19
times ranked

28
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Extended use of pseudo-flash reset technique for an active pixel with logarithmic compressed response. , 2012, , .		1