

# Pedro Rafael Fernandez Barbosa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2263042/publications.pdf>

Version: 2024-02-01

15  
papers

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citations

1684188

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h-index

1588992

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g-index

15  
all docs

15  
docs citations

15  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware Architectures for Real-Time Medical Imaging. Electronics (Switzerland), 2021, 10, 3118.	3.1	10
2	A Low-Cost Visible Light Positioning System for Indoor Positioning. Sensors, 2020, 20, 5145.	3.8	18
3	Decoupling Intensity Radiated by the Emitter in Distance Estimation from Camera to IR Emitter. Sensors, 2013, 13, 7184-7211.	3.8	0
4	Differential Binary Encoding Method for Calibrating Image Sensors Based on IOFBs. Sensors, 2012, 12, 4133-4155.	3.8	4
5	Using the Standard Deviation of a Region of Interest in an Image to Estimate Camera to Emitter Distance. Sensors, 2012, 12, 5687-5704.	3.8	2
6	Improving the Calibration of Image Sensors Based on IOFBs, Using Differential Gray-Code Space Encoding. Sensors, 2012, 12, 9006-9023.	3.8	3
7	A Focusing Method in the Calibration Process of Image Sensors Based on IOFBs. Sensors, 2010, 10, 47-60.	3.8	3
8	Image stabilization, determining the structure of the camera movement by means of an additional line-scan. , 2009, , .		0
9	Sensor for Distance Measurement Using Pixel Grey-Level Information. Sensors, 2009, 9, 8896-8906.	3.8	4
10	Sensor for Distance Estimation Using FFT of Images. Sensors, 2009, 9, 10434-10446.	3.8	7
11	Sensor Calibration Based on Incoherent Optical Fiber Bundles (IOFB) Used For Remote Image Transmission. Sensors, 2009, 9, 8215-8229.	3.8	6
12	Location of Optical Fibers for the Calibration of Incoherent Optical Fiber Bundles for Image Transmission. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2996-3003.	4.7	8
13	A Preliminary Model for a Distance Sensor, Using a Radiometric Point of View. Sensor Letters, 2009, 7, 17-23.	0.4	3
14	Selecting an Optimal Exposure Time for Estimating the Distance Between a Camera and an Infrared Emitter Diode Using Pixel Grey-Level Intensities. Sensor Letters, 2009, 7, 1086-1092.	0.4	2
15	Simplified Method for Radiometric Calibration of an Array Camera. , 2007, , .		6