Carlos Luna Vázquez

List of Publications by Year
in descending order

		1307594	1058476
23 papers	**210** citations	**7** h-index	**14** g-index
23 all docs	**23** docs citations	**23** times ranked	**184** citing authors

#	Article	IF	Citations
1	Calibration of Line-Scan Cameras. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2185-2190.	4.7	48
2	Robust people detection using depth information from an overhead Time-of-Flight camera. Expert Systems With Applications, 2017, 71, 240-256.	7.6	38
3	Calibration of a High-Accuracy 3-D Coordinate Measurement Sensor Based on Laser Beam and CMOS Camera. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3341-3346.	4.7	23
4	DPDnet: A robust people detector using deep learning with an overhead depth camera. Expert Systems With Applications, 2020, 146, 113168.	7.6	16
5	Method to Measure the Rotation Angles in Vibrating Systems. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 232-239.	4.7	12
6	Fast heuristic method to detect people in frontal depth images. Expert Systems With Applications, 2021, 168, 114483.	7.6	8
7	Effect of Carbamazepine, Ibuprofen, Triclosan and Sulfamethoxazole on Anaerobic Bioreactor Performance: Combining Cell Damage, Ecotoxicity and Chemical Information. Toxics, 2022, 10, 42.	3.7	8
8	Sensor for Distance Estimation Using FFT of Images. Sensors, 2009, 9, 10434-10446.	3.8	7
9	Sensor Calibration Based on Incoherent Optical Fiber Bundles (IOFB) Used For Remote Image Transmission. Sensors, 2009, 9, 8215-8229.	3.8	6
10	Sensor for Simultaneous High Accurate Measurements of Three-Dimensional Points. Sensor Letters, 2006, 4, 426-432.	0.4	6
11	Sensor for High Speed, High Precision Measurement of 2-D Positions. Sensors, 2009, 9, 8810-8823.	3.8	5
12	People re-identification using depth and intensity information from an overhead camera. Expert Systems With Applications, 2021, 182, 115287.	7.6	5
13	Sensor for Object Detection in Railway Environment. Sensor Letters, 2008, 6, 690-698.	0.4	5
14	Robust People Detection and Tracking from an Overhead Time-of-Flight Camera. , 2017, , .		5
15	Towards dense people detection with deep learning and depth images. Engineering Applications of Artificial Intelligence, 2021, 106, 104484.	8.1	4
16	GPCA vs. PCA in Recognition and 3-D Localization of Ultrasound Reflectors. Sensors, 2010, 10, 4825-4837.	3.8	3
17	Improving the Calibration of Image Sensors Based on IOFBs, Using Differential Gray-Code Space Encoding. Sensors, 2012, 12, 9006-9023.	3.8	3
18	A Preliminary Model for a Distance Sensor, Using a Radiometric Point of View. Sensor Letters, 2009, 7, 17-23.	0.4	3

#	Article	IF	Citations
19	Adaptive threshold for motion detection in outdoor environment using computer vision. , 2005, , .		2
20	Reduction of vibration-induced errors in 3D measurement systems with vision and structured light. , 2005, , .		2
21	Headgear Accessories Classification Using an Overhead Depth Sensor. Sensors, 2017, 17, 1845.	3.8	1
22	Image stabilization, determining the structure of the camera movement by means of an additional line-scan. , 2009, , .		0
23	Decoupling Intensity Radiated by the Emitter in Distance Estimation from Camera to IR Emitter. Sensors, 2013, 13, 7184-7211.	3.8	0