

# Carlos Luna Vázquez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7493494/publications.pdf>

Version: 2024-02-01

23  
papers

210  
citations

1307594

7  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Carbamazepine, Ibuprofen, Triclosan and Sulfamethoxazole on Anaerobic Bioreactor Performance: Combining Cell Damage, Ecotoxicity and Chemical Information. <i>Toxics</i> , 2022, 10, 42.	3.7	8
2	Fast heuristic method to detect people in frontal depth images. <i>Expert Systems With Applications</i> , 2021, 168, 114483.	7.6	8
3	People re-identification using depth and intensity information from an overhead camera. <i>Expert Systems With Applications</i> , 2021, 182, 115287.	7.6	5
4	Towards dense people detection with deep learning and depth images. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 106, 104484.	8.1	4
5	DPDnet: A robust people detector using deep learning with an overhead depth camera. <i>Expert Systems With Applications</i> , 2020, 146, 113168.	7.6	16
6	Robust people detection using depth information from an overhead Time-of-Flight camera. <i>Expert Systems With Applications</i> , 2017, 71, 240-256.	7.6	38
7	Headgear Accessories Classification Using an Overhead Depth Sensor. <i>Sensors</i> , 2017, 17, 1845.	3.8	1
8	Robust People Detection and Tracking from an Overhead Time-of-Flight Camera. , 2017, , .		5
9	Decoupling Intensity Radiated by the Emitter in Distance Estimation from Camera to IR Emitter. <i>Sensors</i> , 2013, 13, 7184-7211.	3.8	0
10	Improving the Calibration of Image Sensors Based on IOFBs, Using Differential Gray-Code Space Encoding. <i>Sensors</i> , 2012, 12, 9006-9023.	3.8	3
11	Calibration of Line-Scan Cameras. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 2185-2190.	4.7	48
12	GPCA vs. PCA in Recognition and 3-D Localization of Ultrasound Reflectors. <i>Sensors</i> , 2010, 10, 4825-4837.	3.8	3
13	Image stabilization, determining the structure of the camera movement by means of an additional line-scan. , 2009, , .		0
14	Sensor for High Speed, High Precision Measurement of 2-D Positions. <i>Sensors</i> , 2009, 9, 8810-8823.	3.8	5
15	Sensor for Distance Estimation Using FFT of Images. <i>Sensors</i> , 2009, 9, 10434-10446.	3.8	7
16	Sensor Calibration Based on Incoherent Optical Fiber Bundles (IOFB) Used For Remote Image Transmission. <i>Sensors</i> , 2009, 9, 8215-8229.	3.8	6
17	Calibration of a High-Accuracy 3-D Coordinate Measurement Sensor Based on Laser Beam and CMOS Camera. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2009, 58, 3341-3346.	4.7	23
18	A Preliminary Model for a Distance Sensor, Using a Radiometric Point of View. <i>Sensor Letters</i> , 2009, 7, 17-23.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Sensor for Object Detection in Railway Environment. Sensor Letters, 2008, 6, 690-698.	0.4	5
20	Method to Measure the Rotation Angles in Vibrating Systems. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 232-239.	4.7	12
21	Sensor for Simultaneous High Accurate Measurements of Three-Dimensional Points. Sensor Letters, 2006, 4, 426-432.	0.4	6
22	Adaptive threshold for motion detection in outdoor environment using computer vision. , 2005, , .		2
23	Reduction of vibration-induced errors in 3D measurement systems with vision and structured light. , 2005, , .		2