David Salido-Monzú

List of Publications by Year
in descending order

22 papers	287 citations	1162367 8 h-index	1125271 13 g-index
23 all docs	23 docs citations	23 times ranked	296 citing authors

#	Article	IF	Citations
1	Infrared Sensor System for Mobile-Robot Positioning in Intelligent Spaces. Sensors, 2011, 11, 5416-5438.	2.1	86
2	Sensor placement determination for range-difference positioning using evolutionary multi-objective optimization. Expert Systems With Applications, 2016, 47, 95-105.	4.4	50
3	Accuracy Assessment and Learned Error Mitigation of UWB ToF Ranging. , 2019, , .		24
4	An Indoor Positioning Approach Based on Fusion of Cameras and Infrared Sensors. Sensors, 2019, 19, 2519.	2.1	13
5	MIMO-SAR Interferometric Measurements for Structural Monitoring: Accuracy and Limitations. Remote Sensing, 2021, 13, 4290.	1.8	13
6	Delay Tracking of Spread-Spectrum Signals for Indoor Optical Ranging. Sensors, 2014, 14, 23176-23204.	2.1	11
7	Weak Calibration of a Visible Light Positioning System Based on a Position-Sensitive Detector: Positioning Error Assessment. Sensors, 2021, 21, 3924.	2.1	11
8	A Modeling Approach for Predicting the Resolution Capability in Terrestrial Laser Scanning. Remote Sensing, 2021, 13, 615.	1.8	10
9	Infrared local positioning system using phase differences. , 2014, , .		9
10	SNR Degradation in Undersampled Phase Measurement Systems. Sensors, 2016, 16, 1772.	2.1	9
11	Assessment and Improvement of Distance Measurement Accuracy for Time-of-Flight Cameras. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	9
12	Accuracy and Precision Assessment of AoA-Based Indoor Positioning Systems Using Infrastructure Lighting and a Position-Sensitive Detector. Sensors, 2020, 20, 5359.	2.1	8
13	Evolutionary optimization of sensor deployment for an indoor positioning system with unknown number of anchors. , 2014, , .		7
14	Infrared and Camera Fusion Sensor for Indoor Positioning. , 2019, , .		7
15	Surface finish classification using depth camera data. Automation in Construction, 2021, 129, 103799.	4.8	7
16	Simultaneous distance measurement at multiple wavelengths using the intermode beats from a femtosecond laser coherent supercontinuum. Optical Engineering, 2018, 57, 1.	0.5	6
17	Sensor deployment for motion trajectory tracking with a genetic algorithm. , 2015, , .		2
18	Specular multipath model for an optimal anchor placement evolutionary algorithm. , 2016, , .		2

#	Article	IF	Citations
19	Simultaneous distance measurement at multiple wavelengths using the intermode beats from a coherent supercontinuum. Journal of Physics: Conference Series, 2018, 1065, 142020.	0.3	1
20	Simulation of 3D laser scanning with phase-based EDM for the prediction of systematic deviations. , 2019, , .		1
21	Phase Stability under Thermal Drifts in Photodiode-Conditioning Transimpedance Amplifiers for Distance Metrology. Sensors, 2021, 21, 3455.	2.1	0
22	An approach to combined multispectral reflectorless distance measurement and material probing. , 2019, , .		0