Luca Di Cecilia

List of Publications by Year
in descending order

18	122	1307594 7	1372567 10
papers	citations	h-index	g-index

18	18	18	103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A simple method for the preliminary analysis and benchmarking of automotive LiDARs in fog. , 2022, , .		2
2	Comparison of VLP-16 and MRS-1000 LiDAR systems with absolute interferometer. , 2021, , .		3
3	A Procedure for the Characterization and Comparison of 3-D LiDAR Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	15
4	Analysis, Quantification, and Discussion of the Approximations Introduced by Pulsed 3-D LiDARs. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	8
5	On the Feasibility of Absolute Distance Measurement by Using Optical Feedback Into a Superluminescent Diode Cavity. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2495-2506.	4.7	12
6	Optical Characterization of the Beams Generated by 3-D LiDARs: Proposed Procedure and Preliminary Results on MRS1000. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7796-7804.	4.7	10
7	Comparison of the VLP-16 LiDAR system with an absolute interferometer. , 2020, , .		4
8	Design and performance of a hyperspectral imaging system: Preliminary in vivo spectral reflectance measurements of the human iris. Review of Scientific Instruments, 2020, 91, 014104.	1.3	5
9	Optical Feedback into a Superluminescent Diode Cavity for Absolute Distance Measurements. , 2019, , .		2
10	Performance analysis of a hyperspectral system for human iris imaging. , 2019, , .		2
11	Improving the practicality and safety of artificial corneas: Pre-assembly and gamma-rays sterilization of the Boston Keratoprosthesis. Ocular Surface, 2018, 16, 322-330.	4.4	24
12	Spectral Repeatability of a Hyperspectral System for Human Iris Imaging. , 2018, , .		0
13	IOT-Based Measurement System for Wine Industry. , 2018, , .		7
14	Single-Arm Self-Mixing Superluminescent Diode Interferometer for Flow Measurements. Journal of Lightwave Technology, 2017, 35, 3577-3583.	4.6	13
15	A hyperspectral imaging system for the evaluation of the human iris spectral reflectance. Proceedings of SPIE, 2017, , .	0.8	7
16	An improved optical scheme for self-mixing low-coherence flowmeters. Proceedings of SPIE, 2017, , .	0.8	1
17	An improved imaging system for hyperspectral analysis of the human iris. , 2017, , .		2
18	Hyperspectral imaging of the human iris. Proceedings of SPIE, 2017, , .	0.8	5