

Luca Di Cecilia

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

122
citations

1307594

7
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

103
citing authors

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