

Xiangchuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

159
citations

1163117

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g-index

20
all docs

20
docs citations

20
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave Photonic Imaging Radar With a Sub-Centimeter-Level Resolution. Journal of Lightwave Technology, 2020, 38, 4948-4954.	4.6	36
2	Title is missing!. Chinese Optics Letters, 2019, 17, 060601.	2.9	21
3	Photonics-Based Instantaneous Multi-Parameter Measurement of a Linear Frequency Modulation Microwave Signal. Journal of Lightwave Technology, 2018, 36, 2589-2596.	4.6	20
4	Optical Fiber Transfer Delay Measurement Based on Phase-Derived Ranging. IEEE Photonics Technology Letters, 2019, 31, 1351-1354.	2.5	16
5	Photonics-Based Simultaneous Angle of Arrival and Frequency Measurement System With Multiple-Target Detection Capability. Journal of Lightwave Technology, 2021, 39, 7656-7663.	4.6	10
6	High-Accuracy and Fast Measurement of Optical Transfer Delay. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-4.	4.7	9
7	A Multi-Antenna GNSS-Over-Fiber System for High Accuracy Three-Dimensional Baseline Measurement. Journal of Lightwave Technology, 2019, 37, 4201-4209.	4.6	8
8	Microwave Photonic Bistatic Radar for Real-Time and High-Resolution Imaging. IEEE Photonics Technology Letters, 2020, 32, 1397-1400.	2.5	8
9	High-Accuracy Optical Fiber Transfer Delay Measurement Using Fiber-Optic Microwave Interferometry. Journal of Lightwave Technology, 2021, 39, 627-632.	4.6	8
10	Photonicallly Generated Frequency Hopped Linear Frequency Modulated Signal Using a DFB Laser. Journal of Lightwave Technology, 2022, 40, 6729-6736.	4.6	6
11	Accuracy enhanced distance measurement system using double-sideband modulated frequency scanning interferometry. Optical Engineering, 2017, 56, 036114.	1.0	5
12	A Multi-antenna GNSS-over-fiber System with High Vertical Precision. , 2018, , .		3
13	Multiantenna GPS-Over-Fiber System for Attitude Determination Using Phase-Derived Range Measurement. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	3
14	Optical Transfer Delay Measurement Based on Multi-frequency Phase-Derived Ranging. , 2021, , .		2
15	Photonics-based Simultaneous Angle of Arrival and Frequency Measurement for Multiple Targets Detection. , 2020, , .		2
16	Feedback method and structure to improve the stability of the OFC-generated system based on electro-optic modulation. Optical Engineering, 2019, 58, 1.	1.0	1
17	FBG Demodulation With Enhanced Performance Based on Optical Fiber Relative Delay Measurement. IEEE Photonics Technology Letters, 2020, 32, 775-778.	2.5	1
18	Large-Scale 3D Baseline Measurement Based on Phase-Stabilized GNSS-Over-Fiber System. Journal of Lightwave Technology, 2021, 39, 6796-6804.	4.6	0

#	ARTICLE	IF	CITATIONS
19	Time Delay Measurement of Optical Fiber Link with Spatial Resolution. , 2021, , .		0
20	Speed-enhanced optical fiber transfer delay measurement based on digital phase detecting. , 2021, , .		0