

Pengbai Xu

List of Publications by Year in descending order

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papers

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1478505

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13
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Fiber Thermal Anemometer With Light Source-Heated Fabry-Pérot Interferometer. Journal of Lightwave Technology, 2022, 40, 3010-3015.	4.6	13
2	High Accuracy Distributed Polarization Extinction Ratio Measurement For a Polarization-Maintaining Device With Strong Polarization Crosstalk. Journal of Lightwave Technology, 2021, 39, 2177-2186.	4.6	6
3	Fast Acquirable Brillouin Optical Time-Domain Reflectometry Based on Bipolar-Chirped Pulse Pair. Journal of Lightwave Technology, 2021, 39, 3941-3949.	4.6	10
4	Multi-wavelength thulium-doped fiber laser by using Sagnac loop mirror. , 2021, , .		0
5	Light Source Heated Optical Fiber Thermal Anemometer. , 2021, , .		0
6	Fiber optic interferometric humidity sensor by using gelatin. , 2021, , .		2
7	Distributed polarization crosstalk measurement based on optical frequency domain polarimetry. , 2021, , .		1
8	Effect of gold coating on distributed strain measurement at high temperature up to 700°C by DPP-BOTDA. , 2019, , .		0
9	Investigation of the effect of gold coating of gold-coated fiber on distributed strain measurement by differential pulse pair Brillouin optical-time analysis. Applied Optics, 2019, 58, 8376.	1.8	4
10	Distributed Brillouin optical fiber temperature and strain sensing at a high temperature up to 1000 °C by using an annealed gold-coated fiber. Optics Express, 2018, 26, 29724.	3.4	33
11	1200°C high-temperature distributed optical fiber sensing using Brillouin optical time domain analysis. Applied Optics, 2016, 55, 5471.	2.1	32
12	Bend-insensitive distributed sensing in singlemode-multimode-singlemode optical fiber structure by using Brillouin optical time-domain analysis. Optics Express, 2015, 23, 22714.	3.4	31
13	Characterization of evolution of mode coupling in a graded-index polymer optical fiber by using Brillouin optical time-domain analysis. Optics Express, 2014, 22, 26510.	3.4	50