

Pengbai Xu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

182
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Distributed Brillouin optical fiber temperature and strain sensing at a high temperature up to 1000 Â°C by using an annealed gold-coated fiber. Optics Express, 2018, 26, 29724.	3.4	33
3	1200Â°C high-temperature distributed optical fiber sensing using Brillouin optical time domain analysis. Applied Optics, 2016, 55, 5471.	2.1	32
4	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
5	Optical Fiber Thermal Anemometer With Light Source-Heated Fabryâ€“Perot Interferometer. Journal of Lightwave Technology, 2022, 40, 3010-3015.	4.6	13
6	Fast Acquirable Brillouin Optical Time-Domain Reflectometry Based on Bipolar-Chirped Pulse Pair. Journal of Lightwave Technology, 2021, 39, 3941-3949.	4.6	10
7	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
8	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
9	Fiber optic interferometric humidity sensor by using gelatin. , 2021, , .		2
10	Distributed polarization crosstalk measurement based on optical frequency domain polarimetry. , 2021, , .		1
11	Effect of gold coating on distributed strain measurement at high temperature up to 700Â°C by DPP-BOTDA. , 2019, , .		0
12	Multi-wavelength thulium-doped fiber laser by using Sagnac loop mirror. , 2021, , .		0
13	Light Source Heated Optical Fiber Thermal Anemometer. , 2021, , .		0