

SUMIT DASS

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6519591/publications.pdf>

Version: 2024-02-01

14
papers

251
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-displacement sensor based on photonic crystal fiber modal interferometer. Optics Letters, 2015, 40, 467.	3.3	71
2	Micrometer Wire Assisted Inline Mach-Zehnder Interferometric Curvature Sensor. IEEE Photonics Technology Letters, 2016, 28, 31-34.	2.5	44
3	Hearing the Sounds of Aquatic Life Using Optical Fiber Microtip-Based Hydrophone. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4015-4020.	4.7	18
4	Micro-tip Cantilever as Low Frequency Microphone. Scientific Reports, 2018, 8, 12701.	3.3	16
5	Microfiber-Wrapped Bi-Conical-Tapered SMF for Curvature Sensing. IEEE Sensors Journal, 2016, 16, 3649-3652.	4.7	15
6	Intensity modulated SMF cascaded tapers with a hollow core PCF based microcavity for curvature sensing. Journal of Optics (United Kingdom), 2016, 18, 035006.	2.2	15
7	Photonic crystal fiber microcavity based bend and temperature sensor using micro fiber. Sensors and Actuators A: Physical, 2016, 244, 24-29.	4.1	14
8	Square Knot Resonator-Based Compact Bending Sensor. IEEE Photonics Technology Letters, 2018, 30, 1649-1652.	2.5	14
9	In Reflection Metal-Coated Diaphragm Microphone Using PCF Modal Interferometer. Journal of Lightwave Technology, 2021, 39, 3974-3980.	4.6	12
10	Underwater low acoustic frequency detection based on in-line Mach-Zehnder interferometer. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 570.	2.1	12
11	S-shaped microfiber based diaphragm supported optical microphone. JPhys Photonics, 2019, 1, 025005.	4.6	9
12	Microfiber Assisted Highly Birefringent PCF-Based Interferometric Sensors. IEEE Sensors Journal, 2017, 17, 1342-1346.	4.7	8
13	A Novel Optical Fiber Humidity Sensor Coated with Superhydrophilic Silica Nanoparticles. , 2011, , .		3
14	Cascaded Taper Mach-Zehnder Interferometer Based Hydrophone. , 2016, , .		0