Sohel Rana

List of Publications by Year
in descending order

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37 papers	1,233 citations	430874 18 h-index	477307 29 g-index
38 all docs	38 docs citations	38 times ranked	508 citing authors

#	Article	IF	Citations
1	Real-time measurement of parametric influences on the refractive index and length changes in silica optical fibers. Optics Express, 2022, 30, 15659.	3.4	1
2	Differently Structured Fabry-Perot Interferometers for Gas Pressure Monitoring. IEEE Sensors Journal, 2022, 22, 14102-14108.	4.7	4
3	Reflective long period grating based temperature sensor. , 2021, , .		1
4	Low-loss and dispersion flattened terahertz fiber. Optik, 2021, 229, 166293.	2.9	2
5	Numerical Analysis of Radiation Effects on Fiber Optic Sensors. Sensors, 2021, 21, 4111.	3.8	4
6	Active Compensation of Radiation Effects on Optical Fibers for Sensing Applications. Sensors, 2021, 21, 8193.	3.8	3
7	Polarization filter realization using low-loss hollow-core anti-resonant fiber in THz regime. Results in Physics, 2020, 17, 103092.	4.1	24
8	Towards the design of a wideband reflective long period grating distributed sensor. Journal of Physics Communications, 2020, 4, 065015.	1.2	3
9	A simple and cost-effective metal coating method for reflective long period grating sensors. , 2020, , .		1
10	Role of Metal Coating Parameters on the Reflective Long Period Grating Spectrum. , 2019, , .		1
11	Hybrid porousâ€core microstructure terahertz fibre with ultraâ€low bending loss and low effective material loss. IET Communications, 2018, 12, 109-113.	2.2	6
12	Spiral Photonic Crystal Fiber-Based Dual-Polarized Surface Plasmon Resonance Biosensor. IEEE Sensors Journal, 2018, 18, 133-140.	4.7	216
13	Low loss and flat dispersion Kagome photonic crystal fiber in the terahertz regime. Optics Communications, 2018, 410, 452-456.	2.1	42
14	Modeling of the Creation of an Internal Cladding in Sapphire Optical Fiber Using the ⁶ Li(n,Î±)³H Reaction. Journal of Lightwave Technology, 2018, 36, 5381-5387.	4.6	7
15	A Highly Sensitive, Polarization Maintaining Photonic Crystal Fiber Sensor Operating in the THz Regime. Photonics, 2018, 5, 40.	2.0	22
16	Effects of Triangular Core Rotation of a Hybrid Porous Core Terahertz Waveguide. International Journal of Electronics and Telecommunications, 2017, 63, 25-31.	0.6	1
17	Low Loss and Low Dispersion Fiber for Transmission Applications in the Terahertz Regime. IEEE Photonics Technology Letters, 2017, 29, 830-833.	2.5	28
18	Extremely low material loss and dispersion flattened TOPAS based circular porous fiber for long distance terahertz wave transmission. Optical Fiber Technology, 2017, 34, 6-11.	2.7	83

#	Article	IF	Citations
19	Ultra low-loss hybrid core porous fiber for broadband applications. Applied Optics, 2017, 56, 1232.	2.1	65
20	A Highly Sensitive Gold-Coated Photonic Crystal Fiber Biosensor Based on Surface Plasmon Resonance. Photonics, 2017, 4, 18.	2.0	115
21	Ultra-low loss THz waveguide with flat EML and near zero flat dispersion properties. , 2016, , .		1
22	A highly birefringent slotted-core THz fiber. , 2016, , .		7
23	Low loss rotated porous core octagonal single-mode fiber for THz radiation. , 2016, , .		0
24	Ultraâ€high birefringent and dispersionâ€flattened low loss singleâ€mode terahertz wave guiding. IET Communications, 2016, 10, 1579-1583.	2.2	15
25	A Novel Low-Loss Diamond-Core Porous Fiber for Polarization Maintaining Terahertz Transmission. IEEE Photonics Technology Letters, 2016, 28, 1537-1540.	2.5	78
26	Porous core photonic crystal fibre for ultraâ€low material loss in THz regime. IET Communications, 2016, 10, 2179-2183.	2.2	72
27	Extremely low-loss, dispersion flattened porous-core photonic crystal fiber for terahertz regime. Optical Engineering, 2016, 55, 076117.	1.0	38
28	Single-mode porous fiber for low-loss polarization maintaining terahertz transmission. Optical Engineering, 2016, 55, 076114.	1.0	34
29	A Novel Low Loss, Highly Birefringent Photonic Crystal Fiber in THz Regime. IEEE Photonics Technology Letters, 2016, 28, 899-902.	2.5	81
30	Novel porous fiber based on dual-asymmetry for low-loss polarization maintaining THz wave guidance. Optics Letters, 2016, 41, 440.	3.3	58
31	Dispersion flattened, low-loss porous fiber for single-mode terahertz wave guidance. Optical Engineering, 2015, 54, 055102.	1.0	15
32	Extremely low-loss single-mode photonic crystal fiber in the terahertz regime. , 2015, , .		2
33	Low-loss rotated porous core hexagonal single-mode fiber in THz regime. Optical Fiber Technology, 2015, 24, 38-43.	2.7	61
34	Bend-Insensitive and Low-Loss Porous Core Spiral Terahertz Fiber. IEEE Photonics Technology Letters, 2015, 27, 2242-2245.	2.5	37
35	Extremely High-Birefringent Asymmetric Slotted-Core Photonic Crystal Fiber in THz Regime. IEEE Photonics Technology Letters, 2015, 27, 2222-2225.	2.5	68
36	Proposal for a low loss porous core octagonal photonic crystal fiber for T-ray wave guiding. Optical Engineering, 2014, 53, 115107.	1.0	37

#	Article	IF	Citations
37	Construction Project Managers' Perception on Top Job Responsibilities in the Context of Malaysia. GATR Global Journal of Business Social Sciences Review, 2014, 2, 18-28.	0.1	0