Yong Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11757209/publications.pdf

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23	693	759233	1058476
papers	citations	12 h-index	14 g-index

23	23	23	521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hollow core optical fibres with comparable attenuation to silica fibres between 600 and 1100â€‰nm. Nature Communications, 2020, 11, 6030.	12.8	105
2	Antiresonant Hollow Core Fiber With an Octave Spanning Bandwidth for Short Haul Data Communications. Journal of Lightwave Technology, 2017, 35, 437-442.	4.6	96
3	High-Capacity Directly Modulated Optical Transmitter for 2-Î¼m Spectral Region. Journal of Lightwave Technology, 2015, 33, 1373-1379.	4.6	65
4	0.174 dB/km Hollow Core Double Nested Antiresonant Nodeless Fiber (DNANF). , 2022, , .		65
5	Multi-kilometer Long, Longitudinally Uniform Hollow Core Photonic Bandgap Fibers for Broadband Low Latency Data Transmission. Journal of Lightwave Technology, 2016, 34, 104-113.	4.6	64
6	Fabrication of tubular anti-resonant hollow core fibers: modelling, draw dynamics and process optimization. Optics Express, 2019, 27, 20567.	3.4	51
7	Nonlinear dynamic of picosecond pulse propagation in atmospheric air-filled hollow core fibers. Optics Express, 2018, 26, 8866.	3.4	35
8	40 Gb/s WDM Transmission Over 1.15-km HC-PBGF Using an InP-Based Mach-Zehnder Modulator at 2 Î¼m. Journal of Lightwave Technology, 2016, 34, 1706-1711.	4.6	30
9	Antiresonant Hollow Core Fibre with 0.65 dB/km Attenuation across the C and L Telecommunication Bands. , 2019, , .		30
10	Transmission of 61 C-Band Channels Over Record Distance of Hollow-Core-Fiber With L-Band Interferers. Journal of Lightwave Technology, 2021, 39, 813-820.	4.6	25
11	Accurate modelling of fabricated hollow-core photonic bandgap fibers. Optics Express, 2015, 23, 23117.	3.4	24
12	Hollow Core NANFs with Five Nested Tubes and Record Low Loss at 850, 1060, 1300 and 1625nm. , 2021, , .		22
13	Compact micro-optic based components for hollow core fibers. Optics Express, 2020, 28, 1518.	3.4	20
14	Super-broadband on-chip continuous spectral translation unlocking coherent optical communications beyond conventional telecom bands. Nature Communications, 2022, 13, .	12.8	18
15	Modal content in hypocycloid KagomÃ© hollow core photonic crystal fibers. Optics Express, 2016, 24, 15798.	3.4	17
16	Data transmission through up to 74.8 km of hollow-core fiber with coherent and direct-detect transceivers. , 2015, , .		8
17	Polarization Effects on Thermally Stable Latency in Hollow-Core Photonic Bandgap Fibers. Journal of Lightwave Technology, 2021, 39, 2142-2150.	4.6	5
18	Recent Breakthroughs in Hollow Core Fiber Technology. , 2021, , .		5

#	Article	IF	Citations
19	In-line polarization controller for hollow core photonic bandgap fiber. Optics Communications, 2021, 481, 126552.	2.1	2
20	Virtual Draw of Tubular Hollow-Core Fibers. , 2018, , .		2
21	Growth of Ammonium Chloride on Cleaved End-Facets of Hollow Core Fibers. , 2020, , .		2
22	2-Î¼m-band Coherent Transmission of Nyquist-WDM 16-QAM Signal by On-chip Spectral Translation. , 2021, , .		1
23	100 Gbit/s PAM-16 Transmission in the 2-Âµm Band over a 1.15-km Hollow-Core Fiber. , 2021, , .		1