Ding Wang

List of Publications by Year
in descending order

21 papers	171 citations	1163117 8 h-index	1125743 13 g-index
21 all docs	21 docs citations	21 times ranked	146 citing authors

#	Article	IF	Citations
1	26â€‰â€‰mJ/100â€‰â€‰Hz CEP-stable near-single-cycle 4â€‰â€‰Î¼m laser based on OPCPA and hollow-core fiber compressio Optics Letters, 2018, 43, 2197.	3.3	41
2	Measurement of nonlinear refractive index coefficient of inert gases with hollow-core fiber. Applied Physics B: Lasers and Optics, 2013, 111, 447-452.	2.2	20
3	Wavelength-tunable few-cycle pulses in visible region generated through soliton-plasma interactions. Optics Express, 2018, 26, 34977.	3.4	15
4	Simulating a four-channel coherent beam combination system for femtosecond multi-petawatt lasers. Optics Express, 2019, 27, 36137.	3.4	11
5	Photoionization-assisted, high-efficiency emission of a dispersive wave in gas-filled hollow-core photonic crystal fibers. Optics Express, 2020, 28, 17076.	3.4	11
6	Continuously wavelength-tunable blueshifting soliton generated in gas-filled photonic crystal fibers. Optics Letters, 2019, 44, 1805.	3.3	11
7	Ionization-induced adiabatic soliton compression in gas-filled hollow-core photonic crystal fibers. Optics Letters, 2019, 44, 5562.	3.3	10
8	Design of intense 15-cycle pulses generation at 36 Âµm through a pressure gradient hollow-core fiber. Optics Express, 2016, 24, 9280.	3.4	8
9	Propagation dynamics of radially polarized pulses in a gas-filled hollow-core fiber. Optics Express, 2017, 25, 3083.	3.4	8
10	Highly-tunable, visible ultrashort pulses generation by soliton-plasma interactions in gas-filled single-ring photonic crystal fibers. Optics Express, 2019, 27, 30798.	3.4	6
11	Tuning the central wavelength by hundreds of nanometers using ultrafast molecular phase modulation. Physical Review A, 2015, 91, .	2.5	5
12	Design, fabrication and application of dispersive mirrors with a SiO₂ sculptured layer. Optical Materials Express, 2018, 8, 836.	3.0	5
13	Measuring high-order Kerr effects of noble gases based on spectral analysis. Optics Communications, 2014, 328, 41-48.	2.1	4
14	Pulse combination and compression in hollow-core fiber for few-cycle intense mid-infrared laser generation. Photonics Research, 2021, 9, 477.	7.0	4
15	Photoionization-Induced Broadband Dispersive Wave Generated in an Ar-Filled Hollow-Core Photonic Crystal Fiber. Crystals, 2021, 11, 180.	2.2	3
16	Measuring electronic Kerr and rotational parameters of gases with hollow-core fibers. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2238.	2.1	2
17	A method for aligning a femtosecond multi-petawatt coherent beam combining system. Applied Physics B: Lasers and Optics, 2021, 127, 1.	2.2	2
18	Single-scan, dual-functional interferometer for fast spatio-temporal characterization of few-cycle pulses. Optics Letters, 2020, 45, 5081.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Simultaneous wavefront sensing of multiple beams using neural networks. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	2
20	Spatiotemporal dynamics of an optical pulse propagating in multimode hollow-core fibers filled with prealigned molecular gases. Physical Review A, 2016, 93, .	2.5	1
21	Generation of few-cycle radially-polarized infrared pulses in a gas-filled hollow-core fiber. Chinese Physics B, 2018, 27, 104204.	1.4	0