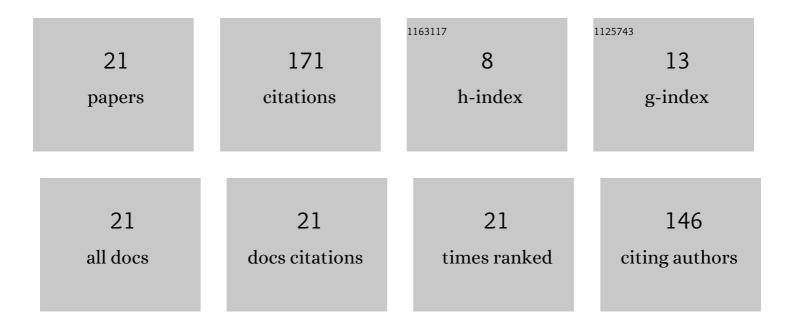
Ding Wang

List of Publications by Year in descending order

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DING WANG

| # | Article | IF | CITATIONS |
|----|---|-------------|--------------|
| 1 | 26  mJ/100  Hz CEP-stable near-single-cycle 4  μm laser based on OPCPA and hollov Optics Letters, 2018, 43, 2197. | v-cgrg fibe | r compressio |
| 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 µm 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 SiO ₂ 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 |

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| # | 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 | Ο |