Abubakar Isa Adamu

List of Publications by Year
in descending order

22 papers	280 citations	1040056 9 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	234 citing authors

#	Article	IF	Citations
1	Frequency comb-like high energy gas-filled fiber Raman laser spanning from 1.68 Î¼m to 2.4 Î¼m. , 2021, , .		0
2	Multi-wavelength high-energy gas-filled fiber Raman laser spanning from 1.53â€‰â€‰Âµm to 2.4â€‰â€‰Âµm. Optics Letters, 2021, 46, 452.	3.3	13
3	Low-loss micro-machining of anti-resonant hollow-core fiber with focused ion beam for optofluidic application. Optical Materials Express, 2021, 11, 338.	3.0	15
4	Mid-infrared photoacoustic gas monitoring driven by a gas-filled hollow-core fiber laser. Scientific Reports, 2021, 11, 3512.	3.3	12
5	Enhanced birefringence in conventional and hybrid anti-resonant hollow-core fibers. Optics Express, 2021, 29, 12516.	3.4	32
6	Thermally tunable dispersion modulation in a chalcogenide-based hybrid optical fiber. Optics Letters, 2021, 46, 2533.	3.3	12
7	Mid-IR gas-filled hollow-core fiber lasers based on Raman gases. , 2021, , .		0
8	Noise Performance and Long-Term Stability of Near- and Mid-IR Gas-Filled Fiber Raman Lasers. Journal of Lightwave Technology, 2021, 39, 3560-3567.	4.6	9
9	Stability performance of active gas-filled hollow-core antiresonant fiber lasers. , 2021, , .		0
10	All-polymer multimaterial optical fiber fabrication for high temperature applications. Optical Materials Express, 2021, 11, 345.	3.0	18
11	High-temperature polymer multimaterial fibers. , 2021, , .		0
12	Integrated Ammonia Sensor Using a Telecom Photonic Integrated Circuit and a Hollow Core Fiber. Photonics, 2020, 7, 93.	2.0	2
13	Low-noise tunable deep-ultraviolet supercontinuum laser. Scientific Reports, 2020, 10, 18447.	3.3	10
14	Multispecies Continuous Gas Detection With Supercontinuum Laser at Telecommunication Wavelength. IEEE Sensors Journal, 2020, 20, 10591-10597.	4.7	12
15	Noise and spectral stability of deep-UV gas-filled fiber-based supercontinuum sources driven by ultrafast mid-IR pulses. Scientific Reports, 2020, 10, 4912.	3.3	28
16	High pulse energy and quantum efficiency mid-infrared gas Raman fiber laser targeting CO₂ absorption at 4.2â€‰â€‰Âµm. Optics Letters, 2020, 45, 1938.	3.3	29
17	Spectral broadening of ultraviolet dispersive waves in gas-filled hollow-core fiber using pump pulse modulation. Optics Letters, 2020, 45, 6744.	3.3	3
18	Noble and Raman-active Gas-Filled Hollow-Core Fiber Lasers. , 2020, , .		1

#	Article	IF	Citations
19	Noise Effect and Stability of Deep-UV Gas-filled Fiber Lasers Pumped with Ultrafast Mid-IR Pulses. , 2020, , .		0
20	Deep-UV to Mid-IR Supercontinuum Generation driven by Mid-IR Ultrashort Pulses in a Gas-filled Hollow-core Fiber. Scientific Reports, 2019, 9, 4446.	3.3	78
21	Towards an all-fiber system for detection and monitoring of ammonia. , 2019, , .		1
22	Binary coded identification of industrial chemical vapors with an optofluidic nose. Applied Optics, 2016, 55, 10247.	2.1	5