Albert Manninen

List of Publications by Year
in descending order

15	231	1163117 8	1281871 11
papers	citations	h-index	g-index

15	15	15	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compact multipass optical cell for laser spectroscopy. Optics Letters, 2013, 38, 257.	3.3	96
2	Long distance active hyperspectral sensing using high-power near-infrared supercontinuum light source. Optics Express, 2014, 22, 7172.	3.4	33
3	Fluorescence cross sections of bioaerosols and suspended biological agents. Applied Optics, 2009, 48, 4320.	2.1	23
4	Experimental demonstration of a predictable single photon source with variable photon flux. Metrologia, 2017, 54, 218-223.	1.2	17
5	Wavelength modulation waveforms in laser photoacoustic spectroscopy. Applied Optics, 2009, 48, 743.	2.1	15
6	Transversely Excited Multipass Photoacoustic Cell Using Electromechanical Film as Microphone. Sensors, 2010, 10, 5294-5307.	3.8	10
7	Active Hyperspectral Sensor Based on MEMS Fabry-PÃ©rot Interferometer. Sensors, 2019, 19, 2192.	3.8	10
8	Resonant photoacoustic cell for pulsed laser analysis of gases at high temperature. Review of Scientific Instruments, 2009, 80, 123103.	1.3	9
9	Electromechanical film as a photoacoustic transducer. Optics Express, 2009, 17, 16994.	3.4	7
10	Determining Biogenic Content of Biogas by Measuring Stable Isotopologues 12CH4, 13CH4, and CH3D with a Mid-Infrared Direct Absorption Laser Spectrometer. Sensors, 2018, 18, 496.	3.8	6
11	A continuously tunable NIR laser and its applications in material classification. , 2018, , .		3
12	Interference cancellation for hollow-core fiber reference cells. , 2014, , .		1
13	Interference Cancellation for Hollow-Core Fiber Reference Cells. IEEE Transactions on Instrumentation and Measurement, 2015, , 1-1.	4.7	1
14	Fluorescence Excitation Spectra from Individual Bioaerosol Particles. , 2006, , .		0
15	High-precision trace gas measurements using quantum cascade lasers and novel star-like cell designs. , 2012, , .		0