

Albert Manninen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4889684/publications.pdf>

Version: 2024-02-01

15
papers

231
citations

1163117

8
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Hyperspectral Sensor Based on MEMS Fabry-Pérot Interferometer. <i>Sensors</i> , 2019, 19, 2192.	3.8	10
2	Determining Biogenic Content of Biogas by Measuring Stable Isotopologues $^{12}\text{CH}_4$, $^{13}\text{CH}_4$, and CH_3D with a Mid-Infrared Direct Absorption Laser Spectrometer. <i>Sensors</i> , 2018, 18, 496.	3.8	6
3	A continuously tunable NIR laser and its applications in material classification. , 2018, , .		3
4	Experimental demonstration of a predictable single photon source with variable photon flux. <i>Metrologia</i> , 2017, 54, 218-223.	1.2	17
5	Interference Cancellation for Hollow-Core Fiber Reference Cells. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2015, , 1-1.	4.7	1
6	Long distance active hyperspectral sensing using high-power near-infrared supercontinuum light source. <i>Optics Express</i> , 2014, 22, 7172.	3.4	33
7	Interference cancellation for hollow-core fiber reference cells. , 2014, , .		1
8	Compact multipass optical cell for laser spectroscopy. <i>Optics Letters</i> , 2013, 38, 257.	3.3	96
9	High-precision trace gas measurements using quantum cascade lasers and novel star-like cell designs. , 2012, , .		0
10	Transversely Excited Multipass Photoacoustic Cell Using Electromechanical Film as Microphone. <i>Sensors</i> , 2010, 10, 5294-5307.	3.8	10
11	Resonant photoacoustic cell for pulsed laser analysis of gases at high temperature. <i>Review of Scientific Instruments</i> , 2009, 80, 123103.	1.3	9
12	Electromechanical film as a photoacoustic transducer. <i>Optics Express</i> , 2009, 17, 16994.	3.4	7
13	Wavelength modulation waveforms in laser photoacoustic spectroscopy. <i>Applied Optics</i> , 2009, 48, 743.	2.1	15
14	Fluorescence cross sections of bioaerosols and suspended biological agents. <i>Applied Optics</i> , 2009, 48, 4320.	2.1	23
15	Fluorescence Excitation Spectra from Individual Bioaerosol Particles. , 2006, , .		0