

Yihong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

649
citations

840776

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1281871

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g-index

18
all docs

18
docs citations

18
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband THz Signals Propagate Through Dense Fog. IEEE Photonics Technology Letters, 2015, 27, 383-386.	2.5	92
2	THz-TDS Characterization of the Digital Communication Channels of the Atmosphere and the Enabled Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 97-129.	2.2	30
3	Measurements of Broadband THz Pulse Propagation through dense Fog. , 2014, , .		1
4	Determination of the water vapor continuum absorption by THz-TDS and Molecular Response Theory. Optics Express, 2014, 22, 4388.	3.4	63
5	Determination of water vapor continuum absorption, using long-path THz-TDS without the cross-term. , 2014, , .		0
6	Experimental confirmation and physical understanding of ultra-high bit rate impulse radio in the THz digital communication channels of the atmosphere. Journal of Optics (United Kingdom), 2014, 16, 094004.	2.2	16
7	Atmosphere characterization for simulation of the two optimal wireless terahertz digital communication links. Optics Letters, 2013, 38, 3437.	3.3	23
8	Zero-frequency refractivity of water vapor, comparison of Debye and van-Vleck Weisskopf theory. Optics Express, 2013, 21, 18899.	3.4	14
9	Remote THz Monitoring of an Evolving Gas-Phase Mixture. , 2013, , .		0
10	Digital THz communication links in the atmosphere. , 2013, , .		2
11	THz detection of small molecule vapors in the atmospheric transmission windows. Optics Express, 2012, 20, 6788.	3.4	51
12	Time domain measurement of the THz refractivity of water vapor. Optics Express, 2012, 20, 26208.	3.4	25
13	Understanding THz Pulse Propagation in the Atmosphere. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 406-415.	3.1	74
14	The THz refractivity of water vapor. , 2012, , .		0
15	THz detection of small molecule vapors over long paths in the atmospheric transmission windows. , 2011, , .		0
16	Measurement of the transmission of the atmosphere from 0.2 to 2 THz. Optics Express, 2011, 19, 8830.	3.4	189
17	Broadband THz Pulse Transmission Through the Atmosphere. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 264-273.	3.1	67
18	Long Path THz Detection of Small Molecule Vapors in the Atmospheric Transparency Windows. , 2011, , .		2