

Yihong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

649
citations

840776

11
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

720
citing authors

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