Wei Zhang

List of Publications by Year
in descending order

20	190	1040056 9	1281871 11
papers	citations	h-index	g-index

20	20	20	274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Terahertz Vibrational Motions Mediate Gas Uptake in Organic Clathrates. Crystal Growth and Design, 2020, 20, 5638-5643.	3.0	9
2	Assignment of Terahertz Modes in Hydroquinone Clathrates. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 1355-1365.	2.2	6
3	Pressure- and Temperature-dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and Its Clathrates. , 2019, , .		3
4	Beyond the Goosâ€“HÃnchen Effect: Resonance-Induced Spatial Reshaping and its Application in Measuring Resonance Linewidth. , 2019, , .		0
5	Pressure- and Temperature-Dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and its Clathrates. , 2019, , .		0
6	Characteristics of resonance-induced optical vortices and spatial reshaping. Optics Letters, 2019, 44, 5800.	3.3	0
7	Terahertz Artificial Dielectric Stepped - Refractive- Index Lens. , 2018, , .		0
8	Probing the Mechanochemistry of Metalâ€“Organic Frameworks with Low-Frequency Vibrational Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 27442-27450.	3.1	37
9	Artificial dielectric stepped-refractive-index lens for the terahertz region. Optics Express, 2018, 26, 3702.	3.4	10
10	Extraordinary optical reflection resonances and bound states in the continuum from a periodic array of thin metal plates. Optics Express, 2018, 26, 13195.	3.4	26
11	Uncovering the Connection Between Low-Frequency Dynamics and Phase Transformation Phenomena in Molecular Solids. Physical Review Letters, 2018, 120, 196002.	7.8	35
12	Characterizing optical resonances using spatial mode reshaping. Optica, 2018, 5, 1414.	9.3	4
13	Artificial dielectric polarizing-beamsplitter and isolator for the terahertz region. Scientific Reports, 2017, 7, 5909.	3.3	21
14	High-pressure cell for terahertz time-domain spectroscopy. Optics Express, 2017, 25, 2983.	3.4	12
15	Transition Profile Control for Broadband Visible Supercontinuum Generation in Tapered PCF. , 2015, , .		0
16	Greenâ€lightâ€enhanced superâ€continuum generation in tapered photonic crystal fibre for efficient f ceo detection of Yb:fibre laser frequency combs. Electronics Letters, 2014, 50, 1859-1860.	1.0	0
17	Tapered photonic crystal fiber for simplified Yb:fiber laser frequency comb with low pulse energy and robust f_ceo singals. Optics Express, 2014, 22, 1835.	3.4	14
18	Integrated Yb:fiber laser frequency comb with three photonic crystal fibers. , 2014, , .		0

#	Article	IF	Citations
19	Advances in compact high repetition rate Yb:Fiber laser frequency combs. , 2013, , .		0
20	Octave-spanning spectrum generation in tapered silica photonic crystal fiber by Yb:fiber ring laser above 500ÂMHz. Optics Letters, 2013, 38, 443.	3.3	13