

Wei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

190
citations

1040056

9
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Mechanochemistry of Metal-Organic Frameworks with Low-Frequency Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27442-27450.	3.1	37
2	Uncovering the Connection Between Low-Frequency Dynamics and Phase Transformation Phenomena in Molecular Solids. <i>Physical Review Letters</i> , 2018, 120, 196002.	7.8	35
3	Extraordinary optical reflection resonances and bound states in the continuum from a periodic array of thin metal plates. <i>Optics Express</i> , 2018, 26, 13195.	3.4	26
4	Artificial dielectric polarizing-beamsplitter and isolator for the terahertz region. <i>Scientific Reports</i> , 2017, 7, 5909.	3.3	21
5	Tapered photonic crystal fiber for simplified Yb: fiber laser frequency comb with low pulse energy and robust f_{ceo} signals. <i>Optics Express</i> , 2014, 22, 1835.	3.4	14
6	Octave-spanning spectrum generation in tapered silica photonic crystal fiber by Yb: fiber ring laser above 500 MHz. <i>Optics Letters</i> , 2013, 38, 443.	3.3	13
7	High-pressure cell for terahertz time-domain spectroscopy. <i>Optics Express</i> , 2017, 25, 2983.	3.4	12
8	Artificial dielectric stepped-refractive-index lens for the terahertz region. <i>Optics Express</i> , 2018, 26, 3702.	3.4	10
9	Terahertz Vibrational Motions Mediate Gas Uptake in Organic Clathrates. <i>Crystal Growth and Design</i> , 2020, 20, 5638-5643.	3.0	9
10	Assignment of Terahertz Modes in Hydroquinone Clathrates. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020, 41, 1355-1365.	2.2	6
11	Characterizing optical resonances using spatial mode reshaping. <i>Optica</i> , 2018, 5, 1414.	9.3	4
12	Pressure- and Temperature-dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and Its Clathrates. , 2019, , .		3
13	Advances in compact high repetition rate Yb: Fiber laser frequency combs. , 2013, , .		0
14	Green-light-enhanced supercontinuum generation in tapered photonic crystal fibre for efficient f_{ceo} detection of Yb: fibre laser frequency combs. <i>Electronics Letters</i> , 2014, 50, 1859-1860.	1.0	0
15	Transition Profile Control for Broadband Visible Supercontinuum Generation in Tapered PCF. , 2015, , .		0
16	Terahertz Artificial Dielectric Stepped - Refractive- Index Lens. , 2018, , .		0
17	Integrated Yb: fiber laser frequency comb with three photonic crystal fibers. , 2014, , .		0
18	Beyond the Goos-Hänchen Effect: Resonance-Induced Spatial Reshaping and its Application in Measuring Resonance Linewidth. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Pressure- and Temperature-Dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and its Clathrates. , 2019, , .		0
20	Characteristics of resonance-induced optical vortices and spatial reshaping. Optics Letters, 2019, 44, 5800.	3.3	0