

# Zhen Zhang

## List of Publications by Year in descending order

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13  
papers

229  
citations

1683934  
5  
h-index

1588896  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulation of polarizations for broadband terahertz waves emitted from laser plasma filaments. Nature Photonics, 2018, 12, 554-559.	15.6	109
2	Controllable Terahertz Radiation from a Linear-Dipole Array Formed by a Two-Color Laser Filament in Air. Physical Review Letters, 2016, 117, 243901.	2.9	63
3	Optimum chirp for efficient terahertz generation from two-color femtosecond pulses in air. Applied Physics Letters, 2018, 113, .	1.5	33
4	Fluorescence and Raman spectra on surface of K9 glass by high fluence ultraviolet laser irradiation at 355nm. Optics Communications, 2013, 308, 91-94.	1.0	8
5	Phase evolution of terahertz radiation from femtosecond laser-induced air plasma. Optics Letters, 2020, 45, 1966.	1.7	6
6	Spectral interference of terahertz pulses from two laser filaments in air. Applied Physics Letters, 2015, 106, .	1.5	5
7	Frequency blue shift of terahertz radiation from femtosecond laser induced air plasmas. Applied Physics B: Lasers and Optics, 2021, 127, 1.	1.1	3
8	Residual stress near cracks of K9 and fused silica under 1064Ånm nanosecond laser irradiation. Optical Engineering, 2012, 51, 114201.	0.5	2
9	Comparative investigation of damage performance on K9 and SiO2 under 1064-nm nanosecond laser irradiation. , 2011, , .		0
10	Control of THz wave emission by tuning relative phases between two color lasers. , 2015, , .		0
11	Spectral interference of two terahertz pulses emitting from laser plasmas. , 2016, , .		0
12	Flexible control of broadband terahertz radiations from laser plasmas. , 2019, , .		0
13	Phase evolution of terahertz radiation from femtosecond laser-induced air plasma: publisher's note. Optics Letters, 2020, 45, 2090.	1.7	0