

# Jing-zhi Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

156  
citations

1683354

5  
h-index

1199166

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic refractive index sensing enhanced by anapole modes in metal-dielectric nanostructure array. Journal of Optics (United Kingdom), 2021, 23, 035002.	1.0	9
2	Research on Local Sound Field Control Technology Based on Acoustic Metamaterial Triode Structure. Crystals, 2020, 10, 204.	1.0	4
3	Study of high frequency acoustic directional transmission model based on graphene structure. AIP Advances, 2020, 10, 035308.	0.6	2
4	Generating and Detecting High-Frequency Liquid-Based Sound Resonances with Nanoplasmonics. Nano Letters, 2019, 19, 7050-7053.	4.5	5
5	Directional transmission of ultra-high frequency acoustic signals based on metamaterial structure. AIP Advances, 2019, 9, .	0.6	2
6	Broadband Absorption Enhancement of Refractory Plasmonic Material with Random Structure. Plasmonics, 2017, 12, 473-478.	1.8	5
7	Radiative heat transfer between nanoparticles enhanced by intermediate particle. AIP Advances, 2016, 6, .	0.6	22
8	Absorption enhancement and spectrum selectivity of refractory plasmonic nanostructures. , 2016, , .		0
9	Plasmonic Nanoparticle Trapping With Inhomogeneous Temperature Fields. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	3
10	Resonance modulation and optical force of nanostructures with Au slabs array. Optik, 2016, 127, 2969-2972.	1.4	2
11	Energy absorption of refractory absorber with periodic nanostructures. , 2016, , .		0
12	Advanced application of flexible metamaterials at visible frequencies. , 2015, , .		2
13	Tweezing and manipulating micro- and nanoparticles by optical nonlinear endoscopy. Light: Science and Applications, 2014, 3, e126-e126.	7.7	50
14	Optimization of plasmonic nanostructure for nanoparticle trapping. Optics Express, 2012, 20, 14879.	1.7	7
15	Vertical plasmonic nanowires for 3D nanoparticle trapping. Proceedings of SPIE, 2011, , .	0.8	0
16	Three dimensional nanoparticle trapping enhanced by surface plasmon resonance. Optics Express, 2010, 18, 27619.	1.7	37
17	Optical orbital angular momentum for optical communication and its measurements. Proceedings of SPIE, 2009, , .	0.8	0
18	Atmospheric effects on wireless optical communications. , 2005, 6041, 148.		1

#	ARTICLE	IF	CITATIONS
19	Optical Absorption and Thermal Effects of Plasmonic Nanostructures. , 0, , .		5
20	Self-referenced nanometric displacement sensing assisted by optical anapole mode. Transactions of the Institute of Measurement and Control, 0, , 014233122110697.	1.1	0
21	Nanoscale acoustic waves detection enhanced by edge plasmon mode resonance in nanoapertures. Journal of Optics (United Kingdom), 0, , .	1.0	0