

Jing-zhi Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8991195/publications.pdf>

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

#	ARTICLE	IF	CITATIONS
19	Energy absorption of refractory absorber with periodic nanostructures. , 2016, , .		0
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