

# Shuang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

303  
citations

1478505

6  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharp Toroidal Resonances in Planar Terahertz Metasurfaces. <i>Advanced Materials</i> , 2016, 28, 8206-8211.	21.0	148
2	Active Control of Asymmetric Fano Resonances with Graphene-Silicon-Integrated Terahertz Metamaterials. <i>Advanced Materials Technologies</i> , 2020, 5, 1900840.	5.8	44
3	Spoof surface plasmon polaritons in terahertz transmission through subwavelength hole arrays analyzed by coupled oscillator model. <i>Scientific Reports</i> , 2015, 5, 16440.	3.3	17
4	Dielectric properties of MgO-ZnO-TiO <sub>2</sub> -based ceramics at 1 MHz and THz frequencies. <i>Journal of Materials Science</i> , 2017, 52, 9335-9343.	3.7	17
5	Effect of Bi <sub>2</sub> O <sub>3</sub> doping on the dielectric properties of medium-temperature sintering BaTiO <sub>3</sub> -based X <sub>8R</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2385-2389.	2.2	16
6	Dual Toroidal Dipole Resonance Metamaterials under a Terahertz Domain. <i>Materials</i> , 2018, 11, 2036.	2.9	14
7	Effect of nanometer barium titanate powders on the dielectric properties of X <sub>7R</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2011, 22, 1213-1217.	2.2	6
8	Bidirectional Dielectric Resonator Antenna for WLAN Communications. , 2019, , .		6
9	Z-Shaped toroidal dipole planar terahertz metasurfaces. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	6
10	Effect of Pb(Ti, Sn)O <sub>3</sub> on the dielectric properties of high dielectric constant X <sub>8R</sub> BaTiO <sub>3</sub> -based ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 1159-1163.	2.2	5
11	Nonlinear Modulation of Plasmonic Resonances in Graphene-Integrated Triangular Dimers at Terahertz Frequencies. <i>Materials</i> , 2019, 12, 2466.	2.9	5
12	C-shaped split ring resonator terahertz toroidal dipole metasurfaces. <i>Optical Materials Express</i> , 2019, 9, 3657.	3.0	5
13	Effect of synthesized BaTiO <sub>3</sub> doping on the dielectric properties of ultra temperature-stable ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1875-1880.	2.2	4
14	Excitation of Electromagnetically Induced Transparency Effect in Asymmetrical Planar Terahertz Toroidal Dipole Metasurfaces. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2021, 42, 40-49.	2.2	4
15	Dual toroidal dipole resonances in a planar terahertz flexible metasurfaces. <i>Materials Research Express</i> , 2019, 6, 115803.	1.6	3
16	Study on Low Power Maximum Power Point Tracking for Micro-Scale PV System. , 2017, , .		2
17	Robust analogue of electromagnetically induced transparency for stable meta-devices. <i>Materials Research Express</i> , 2021, 8, 035801.	1.6	1
18	Terahertz dielectric properties of MgO-TiO <sub>2</sub> -ZnO based ceramics. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Planar toroidal metamaterials. , 2016, , .		0
20	Tunable Fano Resonance Using Graphene Integrated Metasurface. , 2018, , .		0
21	An Electrically Controlled Metasurface for Electromagnetically Induced Transparency. , 2021, , .		0
22	The Design of Asymmetrical Planar Terahertz Toroidal Dipole Metasurfaces. , 2021, , .		0
23	High Q Toroidal Resonances In Planar Terahertz Metamaterials. , 2020, , .		0