

Qingli Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

262
citations

1163117

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996975

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g-index

21
all docs

21
docs citations

21
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-induced non-volatile VO ₂ phase transition for neuromorphic ultraviolet sensors. Nature Communications, 2022, 13, 1729.	12.8	88
2	Optical property and spectroscopy studies on the selected lubricating oil in the terahertz range. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1938-1943.	0.2	44
3	Ultrafast optical modulation of terahertz metamaterials. Journal of Optics (United Kingdom), 2011, 13, 125102.	2.2	20
4	Spectrum features of commercial deriv fuel oils in the terahertz region. Science China: Physics, Mechanics and Astronomy, 2012, 55, 195-198.	5.1	17
5	Study of L-shaped resonators at terahertz frequencies. Applied Physics Letters, 2013, 103, .	3.3	17
6	Flexible VO ₂ Films for In-€ Sensor Computing with Ultraviolet Light. Advanced Functional Materials, 2022, 32, .	14.9	17
7	Heterointerface-Enhanced Ultrafast Optical Switching via Manipulating Metamaterial-Induced Transparency in a Hybrid Terahertz Graphene Metamaterial. ACS Applied Materials & Interfaces, 2021, 13, 13565-13575.	8.0	12
8	Ultrahigh Modulation Enhancement in All-Optical Si-Based THz Modulators Integrated with Gold Nanobipyramids. Nano Letters, 2022, 22, 1541-1548.	9.1	9
9	Carrier dynamics and terahertz photoconductivity of doped silicon measured by femtosecond pump-terahertz probe spectroscopy. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1944-1948.	0.2	8
10	The rotation of polarization of a terahertz wave through subwavelength metallic structures. Science China: Physics, Mechanics and Astronomy, 2013, 56, 514-518.	5.1	8
11	Study of dipole arrays at terahertz frequencies. Optics Communications, 2013, 291, 26-30.	2.1	7
12	NiSi ₂ /p-Si Schottky Junction Photocathode with a High-Quality Epitaxial Interface for Efficient Hydrogen Evolution. ACS Applied Energy Materials, 2021, 4, 11574-11579.	5.1	4
13	Quantitative determination of glycerol concentration in aqueous glycerol solutions by metamaterial-based terahertz spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120812.	3.9	4
14	Trapped-mode resonances in asymmetric terahertz subwavelength structures. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	3
15	Influence of micro-structure on modulation properties in VO ₂ composite terahertz memory metamaterials. Optics Express, 2020, 28, 31436.	3.4	2
16	Investigation of lubricating grease using terahertz transmission spectroscopy. , 2011, , .		1
17	Electromagnetic Responses and Coupling Effect in Asymmetric Terahertz Metamaterials. , 2019, , .		1
18	Tunable terahertz transmission behaviors and coupling mechanism in hybrid MoS ₂ metamaterials. Chinese Physics B, 0, , .	1.4	0

#	ARTICLE	IF	CITATIONS
19	Influence of dielectric environment on the resonant characteristics in anisotropic terahertz metamaterials. , 2021, , .		0
20	Plasmon-induced transparency effect in terahertz metamaterials. , 2021, , .		0
21	Facile synthesis of Ni foam-supported prickly Au nanoparticles by galvanic displacement for electrocatalytic oxidation of glycerol. Functional Materials Letters, 2022, 15, .	1.2	0