

Qingli Zhou

List of Publications by Year in descending order

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21
papers

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1163117

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all docs

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21
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative determination of glycerol concentration in aqueous glycerol solutions by metamaterial-based terahertz spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120812.	3.9	4
2	Ultra-high Modulation Enhancement in All-Optical Si-Based THz Modulators Integrated with Gold Nanobipyramids. <i>Nano Letters</i> , 2022, 22, 1541-1548.	9.1	9
3	Photo-induced non-volatile VO ₂ phase transition for neuromorphic ultraviolet sensors. <i>Nature Communications</i> , 2022, 13, 1729.	12.8	88
4	Facile synthesis of Ni foam-supported prickly Au nanoparticles by galvanic displacement for electrocatalytic oxidation of glycerol. <i>Functional Materials Letters</i> , 2022, 15, .	1.2	0
5	Flexible VO ₂ Films for In-Sensor Computing with Ultraviolet Light. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	17
6	Heterointerface-Enhanced Ultrafast Optical Switching via Manipulating Metamaterial-Induced Transparency in a Hybrid Terahertz Graphene Metamaterial. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13565-13575.	8.0	12
7	NiSi ₂ /p-Si Schottky Junction Photocathode with a High-Quality Epitaxial Interface for Efficient Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2021, 4, 11574-11579.	5.1	4
8	Influence of dielectric environment on the resonant characteristics in anisotropic terahertz metamaterials. , 2021, , .		0
9	Plasmon-induced transparency effect in terahertz metamaterials. , 2021, , .		0
10	Influence of micro-structure on modulation properties in VO ₂ composite terahertz memory metamaterials. <i>Optics Express</i> , 2020, 28, 31436.	3.4	2
11	Electromagnetic Responses and Coupling Effect in Asymmetric Terahertz Metamaterials. , 2019, , .		1
12	Trapped-mode resonances in asymmetric terahertz subwavelength structures. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	3
13	The rotation of polarization of a terahertz wave through subwavelength metallic structures. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 514-518.	5.1	8
14	Study of L-shaped resonators at terahertz frequencies. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	17
15	Study of dipole arrays at terahertz frequencies. <i>Optics Communications</i> , 2013, 291, 26-30.	2.1	7
16	Spectrum features of commercial deriv fuel oils in the terahertz region. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 195-198.	5.1	17
17	Investigation of lubricating grease using terahertz transmission spectroscopy. , 2011, , .		1
18	Ultrafast optical modulation of terahertz metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 125102.	2.2	20

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Tunable terahertz transmission behaviors and coupling mechanism in hybrid MoS2 metamaterials. Chinese Physics B, 0, , .	1.4	0