Yiwen E

List of Publications by Year
in descending order

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52	741	516215 16	525886 27
papers	citations	h-index	g-index

52	52	52	769
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress, challenges, and opportunities of terahertz emission from liquids. Journal of the Optical Society of America B: Optical Physics, 2022, 39, A43.	0.9	12
2	Optically Controlled Terahertz Dynamic Beam Splitter with Adjustable Split Ratio. Nanomaterials, 2022, 12, 1169.	1.9	9
3	THz Spectroscopic Decomposition and Analysis in Mixture Inspection Using Soft Modeling Methods. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 76-92.	1.2	1
4	Broadband THz Sources from Gases to Liquids. Ultrafast Science, 2021, 2021, .	5.8	16
5	Terahertz aqueous photonics. Frontiers of Optoelectronics, 2021, 14, 37-63.	1.9	5
6	Sideway terahertz emission from a flowing water line. , 2021, , .		0
7	Large In-Plane Anisotropic Terahertz Emission Induced by Asymmetric Polarization in Low-Symmetric PdSe₂. ACS Applied Materials & Interfaces, 2021, 13, 54543-54550.	4.0	4
8	Broadband terahertz wave emission from liquid metal. Applied Physics Letters, 2020, 117, .	1.5	21
9	Flowing cryogenic liquid target for terahertz wave generation. AIP Advances, 2020, 10, .	0.6	9
10	Giant Asymmetric Transmission and Circular Dichroism with Angular Tunability in Chiral Terahertz Metamaterials. Annalen Der Physik, 2020, 532, 1900398.	0.9	12
11	Raman spectra and phonon structures of BaGa4Se7 crystal. Communications Physics, 2020, 3, .	2.0	9
12	Preference of subpicosecond laser pulses for terahertz wave generation from liquids. Advanced Photonics, 2020, 2, 1.	6.2	24
13	Terahertz nonlinear index extraction via full-phase analysis. Optics Letters, 2020, 45, 5628.	1.7	7
14	Spatial sampling of terahertz fields with subwavelength accuracy via probe beam encoding. , 2020, , .		0
15	Angular-dependent circular dichroism of Tai Chi chiral metamaterials in terahertz region. Applied Optics, 2020, 59, 3686.	0.9	5
16	10.1063/5.0023106.1. , 2020, , .		0
17	Terahertz Wave Generation from Water at Different Temperatures. , 2020, , .		0
18	Broadband THz Wave Generation from Flowing Liquid Nitrogen. , 2020, , .		1

#	Article	IF	Citations
19	Terahertz Wave Emission from Liquid Metal. , 2020, , .		0
20	Enhancement of terahertz emission by a preformed plasma in liquid water. Applied Physics Letters, 2019, 115, .	1.5	19
21	Spatial sampling of terahertz fields with sub-wavelength accuracy via probe-beam encoding. Light: Science and Applications, 2019, 8, 55.	7.7	51
22	Flat liquid jet as a highly efficient source of terahertz radiation. Optics Express, 2019, 27, 15485.	1.7	42
23	Double-pump technique â€“ one step closer towards efficient liquid-based THz sources. Optics Express, 2019, 27, 32855.	1.7	18
24	Fabrication and testing of the smallest â€œfluteâ€•on syringe needles. , 2019, , .		0
25	Investigation of liquid properties on emitting terahertz wave under ultrashort optical excitation. , 2019, , .		1
26	Comparison of various liquids as sources of terahertz radiation from one-color laser filament. , 2019, , .		1
27	Terahertz wave emission from a liquid water film under the excitation of asymmetric optical fields. Applied Physics Letters, 2018, 113, .	1.5	35
28	Propagation of terahertz waves in a monoclinic crystal BaGa4Se7. Scientific Reports, 2018, 8, 16229.	1.6	8
29	Terahertz wave generation from liquid water films via laser-induced breakdown. Applied Physics Letters, 2018, 113, .	1.5	54
30	Investigation of terahertz generation in water jet in dependence on parameters of excitation pulse. , 2018, , .		0
31	Coherent excitation of phonon polaritons in BaGa4Se7 by terahertz pulses. , 2018, , .		0
32	Terahertz Wave Generation from Water. , 2018, , .		0
33	Using liquid water as broadband terahertz wave emitter. , 2018, , .		0
34	Concentration dependence of terahertz generation in jets of water and ethanol mixtures. , 2018, , .		2
35	Observation of broadband terahertz wave generation from liquid water. Applied Physics Letters, 2017, 111, .	1.5	117
36	Observation of broadband terahertz wave generation from liquid water. , 2017, , .		1

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37	Polarization sensitive terahertz measurements and applications. Chinese Optics, 2017, 10, 98-113.	0.2	1
38	Observation of Broadband Terahertz Wave Generation from Liquid Water. , 2017, , .		0
39	Mechanism and modulation of terahertz generation from a semimetal - graphite. Scientific Reports, 2016, 6, 22798.	1.6	4
40	Angular dependent anisotropic terahertz response of vertically aligned multi-walled carbon nanotube arrays with spatial dispersion. Scientific Reports, 2016, 6, 38515.	1.6	10
41	Multispectral plasmon-induced transparency in hyperfine terahertz meta-molecules. Journal of Physics Condensed Matter, 2016, 28, 445002.	0.7	17
42	Excitation of ultrasharp trapped-mode resonances in mirror-symmetric metamaterials. Physical Review B, 2016, 93, .	1.1	39
43	Terahertz wave reflection impedance matching properties of graphene layers at oblique incidence. Carbon, 2016, 96, 1129-1137.	5.4	47
44	Anisotropic Terahertz Electromagnetic Responses of Mononclinic Crystals and Coherent Phonon Excitation in BaGa _4Se _7 Crystal. , 2016, , .		0
45	Spoof surface plasmon polaritons in terahertz transmission through subwavelength hole arrays analyzed by coupled oscillator model. Scientific Reports, 2015, 5, 16440.	1.6	17
46	Mechanism of THz Generation from Graphite. , 2015, , .		0
47	Analysis of fano coupling in terahertz sub-wavelength hole arrays with coupled oscillator model. , 2015, , .		0
48	Solution-processable reduced graphene oxide films as broadband terahertz wave impedance matching layers. Journal of Materials Chemistry C, 2015, 3, 2548-2556.	2.7	38
49	Dielectric property of MoS_2 crystal in terahertz and visible regions. Applied Optics, 2015, 54, 6732.	2.1	42
50	Label-free monitoring of interaction between DNA and oxaliplatin in aqueous solution by terahertz spectroscopy. Applied Physics Letters, 2012, 101, .	1.5	39
51	Interaction between DNA and Oxaliplatin in Aqueous Solution Studied Using THz-TDS. , 2012, , .		0
52	Forward THz Wave Generation from Liquid Gallium in the Non-relativistic Regime. Journal of the Optical Society of America B: Optical Physics, 0, , .	0.9	3