

Li Ding

List of Publications by Year in descending order

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70
papers

1,207
citations

516710

16
h-index

414414

32
g-index

72
all docs

72
docs citations

72
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-Induced Fano Resonances in Corrugated Plasmonic Metamaterials. <i>Advanced Optical Materials</i> , 2017, 5, 1600960.	7.3	121
2	Excitation of dark multipolar plasmonic resonances at terahertz frequencies. <i>Scientific Reports</i> , 2016, 6, 22027.	3.3	107
3	Ultra-broadband terahertz absorption by exciting the orthogonal diffraction in dumbbell-shaped gratings. <i>Scientific Reports</i> , 2015, 5, 8901.	3.3	83
4	Manipulating Terahertz Plasmonic Vortex Based on Geometric and Dynamic Phase. <i>Advanced Optical Materials</i> , 2019, 7, 1801328.	7.3	77
5	Observation of electromagnetically induced transparency-like transmission in terahertz asymmetric waveguide-cavities systems. <i>Optics Letters</i> , 2013, 38, 1379.	3.3	72
6	Mode splitting transmission effect of surface wave excitation through a metal hole array. <i>Light: Science and Applications</i> , 2013, 2, e60-e60.	16.6	61
7	THz Near-Field Imaging of Extreme Subwavelength Metal Structures. <i>ACS Photonics</i> , 2020, 7, 687-694.	6.6	58
8	Ultrathin flexible dual band terahertz absorber. <i>Optics Communications</i> , 2015, 350, 63-70.	2.1	47
9	Optically controllable terahertz modulator based on electromagnetically-induced-transparency-like effect. <i>Optics Communications</i> , 2015, 353, 83-89.	2.1	45
10	Controllable multiband terahertz notch filter based on a parallel plate waveguide with a single deep groove. <i>Optics Letters</i> , 2014, 39, 4541.	3.3	31
11	Strong Spatial Confinement of Terahertz Wave inside Femtosecond Laser Filament. <i>ACS Photonics</i> , 2016, 3, 2338-2343.	6.6	31
12	A hollow porous molecularly imprinted polymer as a sorbent for the extraction of 7 macrolide antibiotics prior to their determination by HPLC-MS/MS. <i>Mikrochimica Acta</i> , 2018, 185, 203.	5.0	27
13	Optoelectronic Synapses Based on Photo-Induced Doping in MoS ₂ /hBN Field-Effect Transistors. <i>Advanced Optical Materials</i> , 2021, 9, 2100937.	7.3	25
14	Ammonia stress influences intestinal histomorphology, immune status and microbiota of Chinese striped-neck turtle (<i>Mauremys sinensis</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112471.	6.0	22
15	Development of rapid and simple experimental and <i>in silico</i> serotyping systems for <i>Citrobacter</i> . <i>Future Microbiology</i> , 2018, 13, 1511-1522.	2.0	20
16	A Study of FSS in Terahertz Range for Polarization Modulation Purpose. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1613-1615.	2.5	17
17	TSC1-mTOR signaling determines the differentiation of islet cells. <i>Journal of Endocrinology</i> , 2017, 232, 59-70.	2.6	17
18	Amphotericin B-conjugated polypeptide hydrogels as a novel innovative strategy for fungal infections. <i>Royal Society Open Science</i> , 2018, 5, 171814.	2.4	17

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19	A sensitive LC-MS/MS method for simultaneous determination of amygdalin and paeoniflorin in human plasma and its application. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 160-164.	2.8	15
20	Ultrathin dual-mode filtering characteristics of terahertz metamaterials with electrically unconnected and connected U-shaped resonators array. <i>Optics Communications</i> , 2015, 342, 20-25.	2.1	15
21	Spoof Localized Surface Plasmons Excited by Plasmonic Waveguide Chip with Corrugated Disk Resonator. <i>Plasmonics</i> , 2017, 12, 947-952.	3.4	15
22	A simple LC-MS/MS method for determination of deferasirox in human plasma: Troubleshooting of interference from ferric ion in method development and its application. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 145-150.	2.8	15
23	Non-polarizing guided-mode resonance grating filter for telecommunications. <i>Optik</i> , 2013, 124, 5158-5160.	2.9	14
24	Bistatic Synthetic Aperture Radar With Undersampling for Terahertz 2-D Near-Field Imaging. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2018, 8, 174-182.	3.1	14
25	Pharmacokinetics, Safety, and Tolerability of Amygdalin and Paeoniflorin After Single and Multiple Intravenous Infusions of Huoxue-Tongluo Lyophilized Powder for Injection in Healthy Chinese Volunteers. <i>Clinical Therapeutics</i> , 2016, 38, 327-337.	2.5	13
26	Estimation of High-Frequency Vibration Parameters for Terahertz SAR Imaging Based on FrFT With Combination of QML and RANSAC. <i>IEEE Access</i> , 2021, 9, 5485-5496.	4.2	13
27	High extinction ratio electromagnetically induced transparency analogue based on the radiation suppression of dark modes. <i>Scientific Reports</i> , 2017, 7, 11291.	3.3	12
28	Tunable Phase Transition via Radiative Loss Controlling in a Terahertz Attenuated Total Reflection-Based Metasurface. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2019, 9, 643-650.	3.1	12
29	Determination of tranilast in bio-samples by LC-MS/MS: Application to a pharmacokinetic and brain tissue distribution study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 479-484.	2.8	11
30	Ultra-sensitive fluid fill height sensing based on spoof surface plasmon polaritons. <i>Journal of Electromagnetic Waves and Applications</i> , 2018, 32, 471-482.	1.6	11
31	Ammonia exposure induces endoplasmic reticulum stress and apoptosis in Chinese striped-necked turtle (<i>Mauremys sinensis</i>). <i>Aquatic Toxicology</i> , 2021, 237, 105903.	4.0	11
32	Thermal System Analysis and Optimization of Large-Scale Compressed Air Energy Storage (CAES). <i>Energies</i> , 2015, 8, 8873-8886.	3.1	10
33	Development of a highly sensitive LC-MS/MS method for simultaneous determination of rupatadine and its two active metabolites in human plasma: Application to a clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 163-168.	2.8	10
34	Millimeter-Wave Sparse Imaging for Concealed Objects Based on Sparse Range Migration Algorithm. <i>IEEE Sensors Journal</i> , 2019, 19, 6721-6728.	4.7	10
35	Temperature-Dependent Terahertz Emission from Co/Mn 2 Au Spintronic Bilayers. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100290.	2.4	10
36	Versatile Ratiometric Fluorescent Probe Based on the Two-Isophorone Fluorophore for Sensing Nitroxyl. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 15913-15920.	3.7	10

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37	Simultaneous determination of tazarotene and its active metabolite tazarotenic acid in minipig plasma by LC-MS/MS and its application in pharmacokinetic study after topical administration of tazarotene gel. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 173-178.	2.3	9
38	The fabrication and characteristic investigation of microstructured silicon with different spike heights. <i>Optics Communications</i> , 2015, 334, 122-128.	2.1	9
39	Polarization dependent dual-band EIT-like effect and its application in THz range. <i>Optics Communications</i> , 2016, 363, 69-73.	2.1	8
40	Broadband unidirectional behavior of electromagnetic waves based on transformation optics. <i>Scientific Reports</i> , 2017, 7, 40941.	3.3	8
41	A calculation method of biomass slagging rate based on crystallization theory. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 456-463.	1.5	7
42	Millimeter-Wave SAR Sparse Imaging With 2-D Spatially Pseudorandom Spiral-Sampling Pattern. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 4672-4683.	4.6	7
43	An LC-MS/MS method for protein detection based on a mass barcode and dual-target recognition strategy. <i>RSC Advances</i> , 2020, 10, 16094-16100.	3.6	6
44	GAN-Based Focusing-Enhancement Method for Monochromatic Synthetic Aperture Imaging. <i>IEEE Sensors Journal</i> , 2020, 20, 11484-11489.	4.7	6
45	Effect of Boundary Condition and Periodical Extension on Transmission Characteristics of Terahertz Filters with Periodical Hole Array Structure Fabricated on Aluminum Slab. <i>Plasmonics</i> , 2013, 8, 1293-1297.	3.4	5
46	A rapid and sensitive LC-MS/MS method for determination of lercanidipine in human plasma and its application in a bioequivalence study in Chinese healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 67-72.	2.8	5
47	Genomics and Experimental Analysis Reveal a Novel Factor Contributing to the Virulence of <i>Cronobacter sakazakii</i> Strains Associated With Neonate Infection. <i>Journal of Infectious Diseases</i> , 2019, 220, 306-315.	4.0	5
48	Influence of slanted guiding layer on reflection curve and sensitivity for air-gap displacement sensor. <i>Journal of Modern Optics</i> , 2014, 61, 938-942.	1.3	4
49	Off-the-Grid Sparse Imaging by One-Dimensional Sparse MIMO Array. <i>IEEE Sensors Journal</i> , 2018, 18, 9993-10001.	4.7	4
50	Terahertz Bistatic Synthetic Aperture Radar for 1-D Near-Field High-Resolution Imaging. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 1162-1173.	2.2	4
51	Preparation and characterization of polysiloxane-modified epoxy resin aqueous dispersions and their films. <i>Journal of Applied Polymer Science</i> , 2005, 98, 880-885.	2.6	3
52	Investigation of aqueous acetone solution with THz pulse spectroscopy. <i>Frontiers of Optoelectronics in China</i> , 2011, 4, 444-447.	0.2	3
53	Time-resolved fluorescence up-conversion study of radiative recombination dynamics in III-nitride light emitting diodes over a wide bias range. <i>Applied Physics Letters</i> , 2013, 103, 121109.	3.3	3
54	LC-MS/MS method for simultaneous determination of ramelteon and its metabolite M ₁ in human plasma: Application to a clinical pharmacokinetic study in healthy Chinese volunteers. <i>Biomedical Chromatography</i> , 2019, 33, e4510.	1.7	2

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55	Development and validation of a specific and sensitive LC-MS/MS method for determination of eslicarbazepine in human plasma and its clinical pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1112, 61-66.	2.3	2
56	Parametric research on energy extraction of a waving plate with unequal amplitude traveling wave motion. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 2063-2081.	2.3	2
57	Critical Factors for In Vivo Measurements of Human Skin by Terahertz Attenuated Total Reflection Spectroscopy. <i>Sensors</i> , 2020, 20, 4256.	3.8	2
58	Influence of heat transfer on nodule height of microstructured silicon fabricated by femtosecond laser pulses. <i>Applied Physics B: Lasers and Optics</i> , 2015, 118, 327-331.	2.2	1
59	Photoconductive antenna as local oscillator in terahertz frequency measurement: heterodyne efficiency and bias effect. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	1
60	BPSK Modulation-Based Local Oscillator-Free IQ Demodulation for Millimeter Wave Imaging. <i>Journal of Sensors</i> , 2021, 2021, 1-9.	1.1	1
61	MIMO Array-Radiation-Pattern Optimization for Effective-Field-of-View Enhancement in MMW Short-Range Imaging. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022, 58, 2352-2362.	4.7	1
62	Boundary and initial conditions in the finite difference time domain methods applied to study metal hole arrays. , 2012, , .		0
63	Double-channel narrowband terahertz filter based on parallel plate waveguide cavities. , 2012, , .		0
64	Mechanically tunable terahertz notch filter with channel number control based on deep cavity. , 2014, , .		0
65	High intensity supercontinuum in the plateau region of high-order harmonic generated by a phase delayed two-color laser field. <i>Optics Communications</i> , 2014, 315, 55-58.	2.1	0
66	Antireflective broadband micro structure at terahertz range by a hot deformation. , 2015, , .		0
67	Temperature dependent giant birefringence and dichroism of a BiFeO ₃ single crystal in the terahertz frequency. , 2019, , .		0
68	Attenuated total reflection: from skin detection to fingerprint sensing. , 2021, , .		0
69	Coupling terahertz wave into a plasmonic waveguide by using two ribbon waveguides. <i>Results in Physics</i> , 2020, 19, 103653.	4.1	0
70	Tunable Phase Transition in ATR Based Metasurface and its Applications in Terahertz Fingerprint Sensing. , 2020, , .		0