

Dejun Liu

List of Publications by Year in descending order

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25
papers

430
citations

758635

12
h-index

713013

21
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25
all docs

25
docs citations

25
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency-tunable wide-angle polarization selection with a graphene-based anisotropic epsilon-near-zero metamaterial. <i>Journal of Optics (United Kingdom)</i> , 2022, 24, 024004.	1.0	4
2	Terahertz membrane sensing based on terahertz composite slabs with enhanced fields. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	1.1	1
3	Tuning transmission properties of 3D printed metal rod arrays by breaking the structural symmetry. <i>Optics Express</i> , 2021, 29, 538.	1.7	6
4	Enhanced terahertz shielding by adding rare Ag nanoparticles to Ti ₃ C ₂ T _x MXene fiber membranes. <i>Nanotechnology</i> , 2021, 32, 415204.	1.3	13
5	Terahertz high-Q quasi-bound states in the continuum in laser-fabricated metallic double-slit arrays. <i>Optics Express</i> , 2021, 29, 24779.	1.7	27
6	Profile control of femtosecond laser-fabricated moth-eye structures on Si substrate. <i>Optics and Lasers in Engineering</i> , 2021, 142, 106584.	2.0	24
7	Dual quasibound states in the continuum in compound grating waveguide structures for large positive and negative Goos-Hänchen shifts with perfect reflection. <i>Physical Review A</i> , 2021, 104, .	1.0	51
8	Quasi-bound states in the continuum in metal complementary periodic cross-shaped resonators at terahertz frequencies. <i>Optics Letters</i> , 2021, 46, 4370.	1.7	21
9	Complete redshift photonic bandgap and dual-wavelength polarization selection in periodic multilayer structure containing hyperbolic metamaterial. <i>Optics Communications</i> , 2021, 495, 127117.	1.0	9
10	Achieving High Transmission and Q Bragg Filter via Balancing Dissipation and Radiation Loss. <i>IEEE Photonics Journal</i> , 2021, 13, 1-5.	1.0	1
11	Investigation of quasi-bound states in the continuum in terahertz metal complementary periodic cross-shaped resonators. , 2021, , .		0
12	Bandwidth-tunable near-infrared perfect absorption of graphene in a compound grating waveguide structure supporting quasi-bound states in the continuum. <i>Optics Express</i> , 2021, 29, 41975.	1.7	48
13	Broadband omnidirectional near-infrared reflector based on an angle-insensitive photonic band gap. <i>Applied Optics</i> , 2020, 59, 9621.	0.9	21
14	Terahertz composite plasmonic slabs based on double-layer metallic gratings. <i>Optics Express</i> , 2020, 28, 18212.	1.7	7
15	Sharp resonances in terahertz free-standing three-dimensional metallic woven meshes. <i>Optics Express</i> , 2020, 28, 30174.	1.7	12
16	Investigation of THz tapered parallel plate waveguide integrated with a metal slit array. , 2019, , .		0
17	Geometry-dependent modal field properties of metal-rod-array-based terahertz waveguides. <i>OSA Continuum</i> , 2019, 2, 655.	1.8	5
18	Characterization of Terahertz Wave Propagation Dependent on Metal-Rod-Array Structures. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Investigation of spectral properties and lateral confinement of THz waves on a metal-rod-array-based photonic crystal waveguide. <i>Optics Express</i> , 2018, 26, 15570.	1.7	8
20	Dispersionless optical activity based on novel windmill-shaped chiral metamaterial. <i>Modern Physics Letters B</i> , 2016, 30, 1650033.	1.0	5
21	A polarization insensitive and broadband metamaterial absorber based on three-dimensional structure. <i>Optics Communications</i> , 2016, 372, 64-70.	1.0	30
22	Cross polarization conversion based on a new chiral spiral slot structure in THz region. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	1.5	44
23	Dual-band cross polarization converter in bi-layered complementary chiral metamaterial. <i>Journal of Modern Optics</i> , 2016, 63, 937-940.	0.6	25
24	Dual-band asymmetric transmission of chiral metamaterial based on complementary U-shaped structure. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 787-791.	1.1	28
25	Asymmetric transmission of chiral metamaterial slab with double L resonators. <i>Optics Communications</i> , 2015, 338, 359-365.	1.0	40