

Yan Zhang

List of Publications by Year in descending order

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all docs

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319
times ranked

5511
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical image encryption based on interference. Optics Letters, 2008, 33, 2443.	1.7	373
2	Extreme terahertz science. Nature Photonics, 2017, 11, 16-18.	15.6	335
3	Wave-front reconstruction from a sequence of interferograms recorded at different planes. Optics Letters, 2005, 30, 833.	1.7	264
4	Ultrathin Terahertz Planar Elements. Advanced Optical Materials, 2013, 1, 186-191.	3.6	207
5	Exciton localization in solution-processed organolead trihalide perovskites. Nature Communications, 2016, 7, 10896.	5.8	195
6	Whole optical wave field reconstruction from double or multi in-line holograms by phase retrieval algorithm. Optics Express, 2003, 11, 3234.	1.7	193
7	Generation and evolution of the terahertz vortex beam. Optics Express, 2013, 21, 20230.	1.7	184
8	Optical encryption based on iterative fractional Fourier transform. Optics Communications, 2002, 202, 277-285.	1.0	175
9	Spatial Terahertz Modulator. Scientific Reports, 2013, 3, .	1.6	116
10	Detection and identification of illicit drugs using terahertz imaging. Journal of Applied Physics, 2006, 100, 103104.	1.1	113
11	Demonstration of Orbital Angular Momentum Multiplexing and Demultiplexing Based on a Metasurface in the Terahertz Band. ACS Photonics, 2018, 5, 1726-1732.	3.2	111
12	Multiple-image encryption based on computational ghost imaging. Optics Communications, 2016, 359, 38-43.	1.0	110
13	Efficient manipulations of circularly polarized terahertz waves with transmissive metasurfaces. Light: Science and Applications, 2019, 8, 16.	7.7	107
14	An ultrathin terahertz lens with axial long focal depth based on metasurfaces. Optics Express, 2013, 21, 30030.	1.7	106
15	Terahertz Digital Holography. Strain, 2008, 44, 380-385.	1.4	98
16	Reconstruction of in-line digital holograms from two intensity measurements. Optics Letters, 2004, 29, 1787.	1.7	96
17	Terahertz polarization real-time imaging based on balanced electro-optic detection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 2387.	0.8	95
18	Enhanced harmonic generation in aperiodic optical superlattices. Applied Physics Letters, 1999, 75, 2175-2177.	1.5	82

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19	Observation of Terahertz Radiation via the Two-Color Laser Scheme with Uncommon Frequency Ratios. <i>Physical Review Letters</i> , 2017, 119, 235001.	2.9	82
20	Electronic transport properties in doped C60 molecular devices. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	81
21	Graphene-enabled electrically controlled terahertz meta-lens. <i>Photonics Research</i> , 2018, 6, 703.	3.4	81
22	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017, 25, 12349.	1.7	79
23	Dynamic phase assembled terahertz metalens for reversible conversion between linear polarization and arbitrary circular polarization. <i>Opto-Electronic Advances</i> , 2022, 5, 210062-210062.	6.4	79
24	Surface plasmon reflector based on serial stub structure. <i>Optics Express</i> , 2009, 17, 20134.	1.7	77
25	Reconfigurable Terahertz Metasurface Pure Phase Holograms. <i>Advanced Optical Materials</i> , 2019, 7, 1801696.	3.6	76
26	Beam shaping in the fractional Fourier transform domain. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1998, 15, 1114.	0.8	75
27	Spin-selected focusing and imaging based on metasurface lens. <i>Optics Express</i> , 2015, 23, 26434.	1.7	74
28	Terahertz multiwavelength phase imaging without 2π ambiguity. <i>Optics Letters</i> , 2006, 31, 3668.	1.7	72
29	Terahertz real-time imaging with balanced electro-optic detection. <i>Optics Communications</i> , 2010, 283, 4626-4632.	1.0	70
30	Ultrathin Metasurface Laser Beam Shaper. <i>Advanced Optical Materials</i> , 2014, 2, 978-982.	3.6	69
31	Integrated (de)multiplexer for orbital angular momentum fiber communication. <i>Photonics Research</i> , 2018, 6, 743.	3.4	69
32	Enhancement of image hiding by exchanging two phase masks. <i>Journal of Optics</i> , 2009, 11, 125406.	1.5	64
33	Metasurfaces for Terahertz Wavefront Modulation: a Review. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020, 41, 607-631.	1.2	59
34	Strong Terahertz Radiation from a Liquid-Water Line. <i>Physical Review Applied</i> , 2019, 12, .	1.5	57
35	Polarization multiplexing for double images display. <i>Opto-Electronic Advances</i> , 2019, 2, 18002901-18002906.	6.4	56
36	Resolution improvement in optical coherence tomography by optimal synthesis of light-emitting diodes. <i>Optics Letters</i> , 2001, 26, 205.	1.7	55

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37	Optical image encryption with spatially incoherent illumination. Optics Letters, 2013, 38, 1289.	1.7	52
38	Defect modes and wavelength tuning of one-dimensional photonic crystal with lithium niobate. Optik, 2009, 120, 195-198.	1.4	51
39	A broadband terahertz ultrathin multi-focus lens. Scientific Reports, 2016, 6, 28800.	1.6	51
40	Ballistic thermal conductance in a three-dimensional quantum wire modulated with stub structure. Applied Physics Letters, 2007, 90, 193502.	1.5	49
41	Double images hiding based on optical interference. Optics Communications, 2009, 282, 3439-3443.	1.0	49
42	Terahertz Tunable Metasurface Lens Based on Vanadium Dioxide Phase Transition. Plasmonics, 2016, 11, 1285-1290.	1.8	49
43	Investigations of harmonic generations in aperiodic optical superlattices. Journal of Applied Physics, 2000, 87, 7629-7637.	1.1	48
44	Optical stream-cipher-like system for image encryption based on Michelson interferometer. Optics Express, 2011, 19, 2634.	1.7	48
45	Demonstration of a 3D Radar-Like SERS Sensor Micro- and Nanofabricated on an Optical Fiber. Advanced Optical Materials, 2015, 3, 1232-1239.	3.6	48
46	Terahertz time-domain spectroscopy for explosive imaging. Optik, 2007, 118, 325-329.	1.4	47
47	Optical multi-image encryption based on frequency shift. Optik, 2011, 122, 1010-1013.	1.4	45
48	Ultra-wide band reflective metamaterial wave plates for terahertz waves. Europhysics Letters, 2017, 117, 37007.	0.7	44
49	Simultaneous Airy beam generation for both surface plasmon polaritons and transmitted wave based on metasurface. Optics Express, 2017, 25, 23589.	1.7	44
50	High-Q Polymer Microcavities Integrated on a Multicore Fiber Facet for Vapor Sensing. Advanced Optical Materials, 2019, 7, 1900602.	3.6	44
51	All-Dielectric Metasurface for Manipulating the Superpositions of Orbital Angular Momentum via Spin-Decoupling. Advanced Optical Materials, 2021, 9, 2002007.	3.6	44
52	Thermally switchable terahertz wavefront metasurface modulators based on the insulator-to-metal transition of vanadium dioxide. Optics Express, 2019, 27, 20347.	1.7	44
53	Transmission through metallic array slits with perpendicular cuts. Optics Express, 2009, 17, 5014.	1.7	43
54	Plasmon flow control at gap waveguide junctions using square ring resonators. Journal Physics D: Applied Physics, 2010, 43, 055103.	1.3	43

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55	Creating Longitudinally Varying Vector Vortex Beams with an All-Dielectric Metasurface. Laser and Photonics Reviews, 2022, 16, .	4.4	43
56	Terahertz metasurface zone plates with arbitrary polarizations to a fixed polarization conversion. , 2022, 1, 210014-210014.		42
57	Wavelength de-multiplexing metasurface hologram. Scientific Reports, 2016, 6, 35657.	1.6	41
58	Strong coupling of optical interface modes in a 1D topological photonic crystal heterostructure/Ag hybrid system. Optics Letters, 2019, 44, 5642.	1.7	40
59	General optical implementations of fractional Fourier transforms. Optics Letters, 1995, 20, 1053.	1.7	39
60	Controlling the Bandwidth of Terahertz Low-Scattering Metasurfaces. Advanced Optical Materials, 2016, 4, 1773-1779.	3.6	39
61	Terahertz wavefront shaping with multi-channel polarization conversion based on all-dielectric metasurface. Photonics Research, 2021, 9, 1939.	3.4	39
62	Correlations between Terahertz Spectra and Molecular Structures of 20 Standard α -Amino Acids. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2009, 25, 2074-2079.	2.2	39
63	Optimal design of aperiodically poled lithium niobate crystals for multiple wavelengths parametric amplification. Optics Communications, 2001, 192, 417-425.	1.0	38
64	Multiple-image encryption based on optical asymmetric key cryptosystem. Optics Communications, 2015, 335, 205-211.	1.0	38
65	Dispersion characteristic of ultrathin terahertz planar lenses based on metasurface. Optics Communications, 2014, 322, 164-168.	1.0	37
66	High-efficiency terahertz devices based on cross-polarization converter. Scientific Reports, 2017, 7, 17882.	1.6	37
67	Time-Resolved Terahertz Spectroscopy Studies on 2D Van der Waals Materials. Advanced Optical Materials, 2020, 8, 1900533.	3.6	37
68	Multi-point, fiber-optic gas detection with intra-cavity spectroscopy. Optics Communications, 2003, 220, 361-364.	1.0	36
69	Sensitivity enhancement in erbium-doped fiber laser intra-cavity absorption sensor. Sensors and Actuators A: Physical, 2003, 104, 183-187.	2.0	36
70	All-Dielectric Trifunctional Metasurface Capable of Independent Amplitude and Phase Modulation. Laser and Photonics Reviews, 2022, 16, .	4.4	36
71	Abruptly autofocusing terahertz waves with meta-hologram. Optics Letters, 2016, 41, 2787.	1.7	35
72	Gate-controlled terahertz focusing based on graphene-loaded metasurface. Optics Express, 2020, 28, 2789.	1.7	35

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73	Numerical investigation of phase retrieval in a fractional Fourier transform. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1997, 14, 2709.	0.8	34
74	Polarization information for terahertz imaging. <i>Applied Optics</i> , 2008, 47, 6422.	2.1	34
75	Circular dichroism-like response of terahertz wave caused by phase manipulation via all-silicon metasurface. <i>Photonics Research</i> , 2021, 9, 567.	3.4	34
76	Terahertz quasi-near-field real-time imaging. <i>Optics Communications</i> , 2009, 282, 4683-4687.	1.0	33
77	All-dielectric chiral coding metasurface based on spin-decoupling in terahertz band. <i>Nanophotonics</i> , 2021, 10, 1347-1355.	2.9	32
78	Recent progress and applications of terahertz metamaterials. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 123002.	1.3	32
79	Novel intracavity sensing network based on mode-locked fiber laser. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1336-1338.	1.3	31
80	Numerical investigation of the transmission enhancement through subwavelength hole array. <i>Optics Communications</i> , 2007, 274, 236-240.	1.0	31
81	Focusing and imaging of a virtual all-optical tunable terahertz Fresnel zone plate. <i>Optics Letters</i> , 2013, 38, 4731.	1.7	31
82	Investigation of erbium-doped fiber laser intra-cavity absorption sensor for gas detection. <i>Optics Communications</i> , 2004, 232, 295-301.	1.0	30
83	Intense terahertz radiation: generation and application. <i>Frontiers of Optoelectronics</i> , 2021, 14, 4-36.	1.9	30
84	Generation of Radial Polarized Lorentz Beam with Single Layer Metasurface. <i>Advanced Optical Materials</i> , 2018, 6, 1700925.	3.6	29
85	Transitions between semiconductor and metal induced by mixed deformation in carbon nanotube devices. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	28
86	Thermally tunable THz filter made of semiconductors. <i>Optics Communications</i> , 2010, 283, 865-868.	1.0	28
87	Generation of terahertz vector beams with a concentric ring metal grating and photo-generated carriers. <i>Optics Letters</i> , 2015, 40, 359.	1.7	28
88	Longitudinal field characterization of converging terahertz vortices with linear and circular polarizations. <i>Optics Express</i> , 2016, 24, 7178.	1.7	28
89	Vector characterization of zero-order terahertz Bessel beams with linear and circular polarizations. <i>Scientific Reports</i> , 2017, 7, 13929.	1.6	28
90	Polarization-based dynamic manipulation of Bessel-like surface plasmon polaritons beam. <i>Optics Express</i> , 2018, 26, 5461.	1.7	28

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91	Reflective Single-Pixel Terahertz Imaging Based on Compressed Sensing. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 495-501.	2.0	28
92	A new method for generating axially-symmetric and radially-polarized beams. Journal Physics D: Applied Physics, 2005, 38, 827-832.	1.3	27
93	Vectorial diffraction properties of THz vortex Bessel beams. Optics Express, 2018, 26, 1506.	1.7	27
94	Structured vanadium dioxide metamaterial for tunable broadband terahertz absorption. Optics Express, 2021, 29, 42989.	1.7	27
95	Effect of the evanescent modes on ballistic thermal transport in quantum structures. Journal of Applied Physics, 2008, 103, 084501.	1.1	26
96	Analysis of focal-shift effect in planar metallic nanoslit lenses. Optics Express, 2012, 20, 1320.	1.7	26
97	Efficient terahertz modulator based on photoexcited graphene. Optical Materials, 2017, 66, 381-385.	1.7	26
98	Electronic transport properties in a bimolecular device modulated with different side groups. Journal of Applied Physics, 2010, 107, .	1.1	25
99	Continuous-wave terahertz interferometry with multiwavelength phase unwrapping. Applied Optics, 2010, 49, 5095.	2.1	25
100	[INVITED] A miniaturized optical fiber microphone with concentric nanorings grating and microsprints structured diaphragm. Optics and Laser Technology, 2016, 78, 110-115.	2.2	25
101	Metasurface Hologram for Multi-Image Hiding and Seeking. Physical Review Applied, 2019, 12, .	1.5	25
102	Fine manipulation of terahertz waves via all-silicon metasurfaces with an independent amplitude and phase. Nanoscale, 2021, 13, 5809-5816.	2.8	25
103	Observation of dehydration dynamics in biological tissues with terahertz digital holography [Invited]. Applied Optics, 2017, 56, F173.	2.1	25
104	Properties of the fractionalization of a Fourier transform. Optics Communications, 1997, 133, 50-54.	1.0	24
105	External electric field control of THz pulse generation in ambient air. Optics Express, 2008, 16, 16573.	1.7	24
106	Efficient broadband terahertz generation from organic crystal BNA using near infrared pump. Applied Physics Letters, 2019, 114, .	1.5	24
107	Coaxial waveguide mode reconstruction and analysis with THz digital holography. Optics Express, 2012, 20, 7706.	1.7	23
108	Metasurfaces in terahertz waveband. Journal Physics D: Applied Physics, 2017, 50, 464004.	1.3	23

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109	Polarization Multiplexing Terahertz Metasurfaces through Spatial Femtosecond Laser Shaping Fabrication. <i>Advanced Optical Materials</i> , 2020, 8, 2000136.	3.6	23
110	Terahertz image reconstruction based on compressed sensing and inverse Fresnel diffraction. <i>Optics Express</i> , 2019, 27, 14725.	1.7	23
111	Terahertz absorbance spectrum fitting method for quantitative detection of concealed contraband. <i>Journal of Applied Physics</i> , 2007, 102, 113108.	1.1	22
112	Circular polarization analyzer with polarization tunable focusing of surface plasmon polaritons. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	22
113	Vibrational spectrum of $\hat{1}^3$ -HNIW investigated using terahertz time-domain spectroscopy. <i>Optics Express</i> , 2006, 14, 3654.	1.7	21
114	Fractional Gabor transform. <i>Optics Letters</i> , 1997, 22, 1583.	1.7	20
115	Full vector measurements of converging terahertz beams with linear, circular, and cylindrical vortex polarization. <i>Optics Express</i> , 2014, 22, 24622.	1.7	20
116	Multifunctional terahertz metasurfaces for polarization transformation and wavefront manipulation. <i>Nanoscale</i> , 2021, 13, 14490-14496.	2.8	20
117	Patterned laser-induced graphene for terahertz wave modulation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 546.	0.9	20
118	Fast-printed, large-area and low-cost terahertz metasurface using laser-induced graphene. <i>Carbon</i> , 2022, 187, 256-265.	5.4	20
119	A dual band spin-selective transmission metasurface and its wavefront manipulation. <i>Nanoscale</i> , 2021, 13, 10898-10905.	2.8	19
120	Optical tentacle of suspended polymer micro-rings on a multicore fiber facet for vapor sensing. <i>Optics Express</i> , 2020, 28, 11730.	1.7	19
121	Accurate determination of terahertz optical constants by vector network analyzer of Fabry-Perot response. <i>Optics Letters</i> , 2013, 38, 5438.	1.7	18
122	Ultra-high Q-factor and figure of merit Fano metamaterial based on dark ring magnetic mode. <i>Optics Communications</i> , 2015, 335, 60-64.	1.0	18
123	High-Efficiency Alignment of 3D Biotemplated Helices via Rotating Magnetic Field for Terahertz Chiral Metamaterials. <i>Advanced Optical Materials</i> , 2019, 7, 1900247.	3.6	18
124	Acoustic phonon transport and ballistic thermal conductance through a three-dimensional double-bend quantum structure. <i>Journal of Applied Physics</i> , 2008, 104, 054312.	1.1	17
125	Multiple-Wavelength Focusing and Demultiplexing Plasmonic Lens Based on Asymmetric Nanoslit Arrays. <i>Plasmonics</i> , 2013, 8, 1535-1541.	1.8	17
126	Comprehensive imaging of terahertz surface plasmon polaritons. <i>Optics Express</i> , 2014, 22, 16916.	1.7	17

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127	A Miniaturized Polymer Grating for Topological Order Detection of Cylindrical Vector Beams. IEEE Photonics Technology Letters, 2016, 28, 2799-2802.	1.3	17
128	High efficiency and non-Richardson thermionics in three dimensional Dirac materials. Applied Physics Letters, 2017, 111, .	1.5	17
129	Terahertz pulse reflective focal-plane tomography. Optics Express, 2007, 15, 14369.	1.7	16
130	Mechanically and electronically controlled molecular switch behavior in a compound molecular device. Applied Physics Letters, 2010, 97, 103506.	1.5	16
131	Chromatic aberration of light focusing in hyperbolic anisotropic metamaterial made of metallic slit array. Optics Express, 2012, 20, 28586.	1.7	16
132	Theoretical study on dynamic acoustic modulation of free carriers, excitons, and trions in 2D MoS ₂ flake. Journal Physics D: Applied Physics, 2017, 50, 114005.	1.3	16
133	Generating, Separating and Polarizing Terahertz Vortex Beams via Liquid Crystals with Gradient-Rotation Directors. Crystals, 2017, 7, 314.	1.0	16
134	Generalized fractional Fourier transforms. Journal of Physics A, 1997, 30, 973-981.	1.6	15
135	Self-fractional Hankel functions and their properties. Optics Communications, 2000, 176, 71-75.	1.0	15
136	Phase retrieval microscopy for quantitative phase-contrast imaging. Optik, 2004, 115, 94-96.	1.4	15
137	Improved first Rayleigh-Sommerfeld method applied to metallic cylindrical focusing micro mirrors. Optics Express, 2009, 17, 7348.	1.7	15
138	Optimal design of SPP-based metallic nanoaperture optical elements by using Yang-Gu algorithm. Optics Express, 2011, 19, 9512.	1.7	15
139	Complete presentation of the Gouy phase shift with the THz digital holography. Optics Express, 2013, 21, 2337.	1.7	15
140	Enhanced terahertz focusing for a graphene-enabled active metalens. Optics Express, 2020, 28, 35179.	1.7	15
141	Image reconstruction for in-line holography with the Yang-Gu algorithm. Applied Optics, 2003, 42, 6452.	2.1	14
142	Control of photonic band gaps in one-dimensional photonic crystals. Optik, 2011, 122, 330-332.	1.4	14
143	Continuous wave terahertz phase imaging with three-step phase-shifting. Optik, 2013, 124, 5533-5536.	1.4	14
144	Terahertz polarization modulator based on metasurface. Journal of Optics (United Kingdom), 2015, 17, 105107.	1.0	14

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145	Experimental characterization of hexaferrite ceramics from 100 GHz to 1 THz using vector network analysis and terahertz-time domain spectroscopy. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	13
146	Low-frequency vibrational modes of glutamine. <i>Chinese Physics B</i> , 2011, 20, 123301.	0.7	13
147	Observation and explanation of polarization-controlled focusing of terahertz surface plasmon polaritons. <i>Physical Review A</i> , 2015, 91, .	1.0	13
148	Ultrafast terahertz response in photoexcited, vertically grown few-layer graphene. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	13
149	All-silicon metasurfaces for polarization multiplexed generation of terahertz photonic orbital angular momentum superposition states. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5478-5485.	2.7	13
150	Versatile Polarization Conversion and Wavefront Shaping Based on Fully Phase-Modulated Metasurface with Complex Amplitude Modulation. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	13
151	Numerical investigations of optimal synthesis of several low coherence sources for resolution improvement. <i>Optics Communications</i> , 2001, 192, 183-192.	1.0	12
152	Characters of the semiconductor laser with strong feedback. <i>Optik</i> , 2001, 112, 91-96.	1.4	12
153	Resonant cavity based antireflection structures for surface plasmon waveguides. <i>Applied Physics B: Lasers and Optics</i> , 2010, 98, 797-802.	1.1	12
154	Reconfigurable terahertz grating with enhanced transmission of TE polarized light. <i>APL Photonics</i> , 2017, 2, .	3.0	12
155	Meta-hologram for three-dimensional display in terahertz waveband. <i>Microelectronic Engineering</i> , 2020, 220, 111151.	1.1	12
156	Resolution improvement in optical coherence tomography based on destructive interference. <i>Optics Communications</i> , 2001, 187, 65-70.	1.0	11
157	Aperiodic photonic quantum-well structures for multiple channeled filtering at arbitrary preassigned frequencies. <i>Optics Express</i> , 2004, 12, 5910.	1.7	11
158	Optical transmission resonances tuned by external static magnetic field in an n-doped semiconductor grating with subwavelength slits. <i>Optics Communications</i> , 2008, 281, 6120-6123.	1.0	11
159	Optical lens design based on metallic nanoslits with variant widths. <i>Applied Optics</i> , 2011, 50, 1879.	2.1	11
160	Optical implementations of the Radon-Wigner display for one-dimensional signals. <i>Optics Letters</i> , 1998, 23, 1126.	1.7	10
161	Applications of fractional transforms to object reconstruction from in-line holograms. <i>Optics Letters</i> , 2004, 29, 1793.	1.7	10
162	Transmission resonances of two-constituent metal/dielectric gratings with subwavelength slits. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	10

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163	Restoration of terahertz signals distorted by atmospheric water vapor absorption. Journal of Applied Physics, 2009, 105, 103105.	1.1	10
164	Visualization of terahertz surface waves propagation on metal foils. Scientific Reports, 2016, 6, 18768.	1.6	10
165	Terahertz Probing Irreversible Phase Transitions Related to Polar Clusters in $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ -Based Ferroelectric. Advanced Electronic Materials, 2020, 6, 1901373.	2.6	10
166	Generation of long-distance stably propagating Bessel beams. OSA Continuum, 2021, 4, 1223.	1.8	10
167	All-dielectric metasurfaces capable of dual-channel complex amplitude modulation. Nanophotonics, 2021, 10, 2959-2968.	2.9	10
168	Suppression of spectral interferences due to water-vapor rotational transitions in terahertz time-domain spectroscopy. Optics Letters, 2008, 33, 1354.	1.7	9
169	Terahertz wave focal-plane multiwavelength phase imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1187.	0.8	9
170	Optimization design of diffractive phase elements for beam shaping. Applied Optics, 2011, 50, 5938.	2.1	9
171	Flattening axial intensity oscillations of a diffracted Bessel beam through a cardioid-like hole. Optics Express, 2018, 26, 1530.	1.7	9
172	Role of the lattice in the light-induced insulator-to-metal transition in vanadium dioxide. Physical Review Research, 2020, 2, .	1.3	9
173	Identification of explosives and drugs and inspection of material defects with THz radiation. Proceedings of SPIE, 2007, 6840, 162.	0.8	8
174	Transmission properties of photonic quantum well composed of dispersive materials. Optik, 2009, 120, 736-740.	1.4	8
175	Rigorous electromagnetic analysis of metallic cylindrical focusing micromirrors with high diffraction efficiency, achromatic aberration and long focal depth. Optics Communications, 2010, 283, 1661-1667.	1.0	8
176	A method to monitor the oil pollution in water with reflective pulsed terahertz tomography. Optik, 2012, 123, 1980-1984.	1.4	8
177	High transmission of annular aperture arrays caused by symmetry breaking. Physical Review A, 2012, 85, .	1.0	8
178	A Broadband Nanosensor based on Multi-Interference of Surface Plasmon Polaritons. Plasmonics, 2013, 8, 741-744.	1.8	8
179	A single diffractive optical element implementing spectrum-splitting and beam-concentration functions simultaneously with high diffraction efficiency. Chinese Physics B, 2013, 22, 034201.	0.7	8
180	Metasurface Lens for both Surface Plasmon Polaritons and Transmitted Wave. Plasmonics, 2017, 12, 621-626.	1.8	8

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181	A new kind of windowed fractional transforms. Optics Communications, 1998, 152, 127-134.	1.0	7
182	Design of defective nonlinear photonic crystals for multiple wavelengths's second harmonic generation. Journal of Optics, 2008, 10, 025201.	1.5	7
183	Transmission interference tuned by an external static magnetic field in a two-slit structure. Applied Physics Letters, 2009, 95, 121103.	1.5	7
184	Optimization design of a diffractive axicon for improving the performance of long focal depth. Optics Communications, 2014, 330, 1-5.	1.0	7
185	Frequency and orientation dependent conductivity of a semi-Dirac system. Journal Physics D: Applied Physics, 2018, 51, 205302.	1.3	7
186	Strong negative terahertz photoconductivity in photoexcited graphene. Optics Communications, 2018, 406, 234-238.	1.0	7
187	Multidirectional sub-wavelength slit splitter and polarization analyzer for THz surface plasmons. Optics Communications, 2019, 432, 112-115.	1.0	7
188	Contribution of the optical rectification in terahertz radiation driven by two-color laser induced plasma. Optics Express, 2020, 28, 4810.	1.7	7
189	Tailoring axial intensity of laser beams with a heart-shaped hole. Optics Letters, 2017, 42, 4921.	1.7	7
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