Dawei Zhang

List of Publications by Year
in descending order

185	3,122	201575	233338
papers	citations	27 h-index	45 g-index

186	186	186	3631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The development of collagen based composite scaffolds for bone regeneration. Bioactive Materials, 2018, 3, 129-138.	8.6	310
2	Advanced Collagenâ€Based Biomaterials for Regenerative Biomedicine. Advanced Functional Materials, 2019, 29, 1804943.	7.8	219
3	A bioactive â€œself-fittingâ€•shape memory polymer scaffold with potential to treat cranio-maxillo facial bone defects. Acta Biomaterialia, 2014, 10, 4597-4605.	4.1	154
4	All-in-one microfluidic device for on-site diagnosis of pathogens based on an integrated continuous flow PCR and electrophoresis biochip. Lab on A Chip, 2019, 19, 2663-2668.	3.1	67
5	Colour compound lenses for a portable fluorescence microscope. Light: Science and Applications, 2019, 8, 75.	7.7	61
6	Rapid quantitative detection of chloramphenicol in milk by microfluidic immunoassay. Food Chemistry, 2021, 339, 127857.	4.2	60
7	A flux-adaptable pump-free microfluidics-based self-contained platform for multiplex cancer biomarker detection. Lab on A Chip, 2021, 21, 143-153.	3.1	53
8	Three-dimensional shape-controllable focal spot array created by focusing vortex beams modulated by multi-value pure-phase grating. Optics Express, 2014, 22, 21354.	1.7	52
9	Biomimetic apposition compound eye fabricated using microfluidic-assisted 3D printing. Nature Communications, 2021, 12, 6458.	5.8	51
10	The development of a portable buoyancy-driven PCR system and its evaluation by capillary electrophoresis. Sensors and Actuators B: Chemical, 2016, 230, 779-784.	4.0	49
11	Evaluation of the Osteoinductive Capacity of Polydopamine-Coated Poly(ĩµ-caprolactone) Diacrylate Shape Memory Foams. ACS Biomaterials Science and Engineering, 2015, 1, 1220-1230.	2.6	44
12	All-Dielectric Synthetic-Phase Metasurfaces Generating Practical Airy Beams. ACS Nano, 2021, 15, 1030-1038.	7.3	41
13	Constructing a pathway for mixed ion and electron transfer reactions for O2 incorporation in Pr0.1Ce0.9O2â^'x. Nature Catalysis, 2020, 3, 116-124.	16.1	40
14	Tunable guided-mode resonance filter with a gradient grating period fabricated by casting a stretched PDMS grating wedge. Optics Letters, 2016, 41, 5302.	1.7	37
15	Deep-red emitting Mg2TiO4:Mn4+ phosphor ceramics for plant lighting. Journal of Advanced Ceramics, 2021, 10, 88-97.	8.9	37
16	A weakly supervised framework for abnormal behavior detection and localization in crowded scenes. Neurocomputing, 2020, 383, 270-281.	3.5	35
17	Type of tunable guided-mode resonance filter based on electro-optic characteristic of polymer-dispersed liquid crystal. Optics Letters, 2010, 35, 1236.	1.7	33
18	Multifocal array with controllable polarization in each focal spot. Optics Express, 2015, 23, 24688.	1.7	33

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19	Multifocal spot array generated by fractional Talbot effect phase-only modulation. Optics Express, 2014, 22, 9798.	1.7	32
20	Ultrasound and Near-Infrared Light Dual-Triggered Upconversion Zeolite-Based Nanocomposite for Hyperthermia-Enhanced Multimodal Melanoma Therapy via a Precise Apoptotic Mechanism. ACS Applied Materials & Interfaces, 2020, 12, 32420-32431.	4.0	32
21	Fabrication of a Microlens Array with Controlled Curvature by Thermally Curving Photosensitive Gel Film beneath Microholes. ACS Applied Materials & Interfaces, 2017, 9, 16604-16609.	4.0	31
22	Multiple-image encryption scheme based on ghost imaging of Hadamard matrix and spatial multiplexing. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	31
23	The crystal structure and luminescence properties of novel Ce³⁺ and Ce³⁺, Sm³⁺-activated Y₄SiAlO₈N phosphors for near-UV white LEDs. New Journal of Chemistry, 2016, 40, 5458-5466.	1.4	30
24	Fabrication of polymer microlens array with controllable focal length by modifying surface wettability. Optics Express, 2018, 26, 4172.	1.7	29
25	Study on the Key Technology of Image Transmission Mechanism Based on Channel Coding Ghost Imaging. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	29
26	High-Efficiency, Broadband, Near Diffraction-Limited, Dielectric Metalens in Ultraviolet Spectrum. Nanomaterials, 2020, 10, 490.	1.9	29
27	Protonated 2D carbon nitride sensitized with Ce6 as a smart metal-free nanoplatform for boosted acute multimodal photo-sono tumor inactivation and long-term cancer immunotherapy. Chemical Engineering Journal, 2021, 422, 130089.	6.6	29
28	Polarization-independent highly efficient generation of Airy optical beams with dielectric metasurfaces. Photonics Research, 2020, 8, 1148.	3.4	29
29	Second-Order Intensity-Correlated Imaging Through the Scattering Medium. IEEE Photonics Journal, 2017, 9, 1-7.	1.0	28
30	An Oxygen-Concentration-Controllable Multiorgan Microfluidic Platform for Studying Hypoxia-Induced Lung Cancer-Liver Metastasis and Screening Drugs. ACS Sensors, 2021, 6, 823-832.	4.0	28
31	Tunable guided-mode resonant filter with wedged waveguide layer fabricated by masked ion beam etching. Optics Letters, 2016, 41, 982.	1.7	27
32	Dynamic tailoring of an optical skyrmion lattice in surface plasmon polaritons. Optics Express, 2020, 28, 10320.	1.7	27
33	Observation of the Kinetic Inductance Limitation for the Fundamental Magnetic Resonance in Ultrasmall Gold vâ€Shape Split Ring Resonators. Advanced Optical Materials, 2016, 4, 1047-1052.	3.6	24
34	Electron-beam irradiation induced optical transmittance enhancement for Au/ITO and ITO/Au/ITO multilayer thin films. Journal of Materials Science and Technology, 2017, 33, 1107-1112.	5.6	24
35	Dynamic three-dimensional multifocal spots in high numerical-aperture objectives. Optics Express, 2017, 25, 24756.	1.7	24
36	An achromatic metalens in the near-infrared region with an array based on a single nano-rod unit. Applied Physics Express, 2019, 12, 092003.	1.1	23

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37	Mn⁴⁺activated Al₂O₃red-emitting ceramic phosphor with excellent thermal conductivity. Optics Express, 2019, 27, 32666.	1.7	23
38	Electrically driving bandwidth tunable guided-mode resonance filter based on a twisted nematic liquid crystal polarization rotator. Optics Letters, 2015, 40, 713.	1.7	22
39	SERS-active Agâ€“Al alloy nanoparticles with tunable surface plasmon resonance induced by laser ablation. Optical Materials, 2019, 96, 109298.	1.7	22
40	Polarization Insensitive, Broadband, Near Diffraction-Limited Metalens in Ultraviolet Region. Nanomaterials, 2020, 10, 1439.	1.9	22
41	Use of Dielectric Metasurfaces to Generate Deepâ€Subwavelength Nondiffractive Besselâ€Like Beams with Arbitrary Trajectories and Ultralarge Deflection. Laser and Photonics Reviews, 2021, 15, 2000487.	4.4	22
42	Research on multiple-image encryption mechanism based on Radon transform and ghost imaging. Optics Communications, 2022, 504, 127494.	1.0	22
43	Hydrothermal synthesis of ultra-thin LiFePO4 platelets for Li-ion batteries. Journal of Materials Science, 2011, 46, 4906-4912.	1.7	21
44	Fully-functional semi-automated microfluidic immunoassay platform for quantitation of multiple samples. Sensors and Actuators B: Chemical, 2019, 300, 127017.	4.0	21
45	Regulation of zeolite-derived upconversion photocatalytic system for near infrared light/ultrasound dual-triggered multimodal melanoma therapy under a boosted hypoxia relief tumor microenvironment via autophagy. Chemical Engineering Journal, 2022, 429, 132484.	6.6	21
46	Generation of flow and droplets with an ultra-long-range linear concentration gradient. Lab on A Chip, 2021, 21, 4390-4400.	3.1	21
47	A continuous flow PCR array microfluidic chip applied for simultaneous amplification of target genes of periodontal pathogens. Lab on A Chip, 2022, 22, 733-737.	3.1	21
48	Defect-Induced Tunable Permittivity of Epsilon-Near-Zero in Indium Tin Oxide Thin Films. Nanomaterials, 2018, 8, 922.	1.9	20
49	Multiplex amplification of target genes of periodontal pathogens in continuous flow PCR microfluidic chip. Lab on A Chip, 2021, 21, 3159-3164.	3.1	20
50	Ghost imaging for a reflected object with a rough surface. Physical Review A, 2010, 82, .	1.0	19
51	Optical notch filter with tunable bandwidth based on guided-mode resonant polarization-sensitive spectral feature. Optics Express, 2015, 23, 18300.	1.7	19
52	Design and fabrication of portable continuous flow PCR microfluidic chip for DNA replication. Biomedical Microdevices, 2020, 22, 5.	1.4	19
53	Laser irradiation induced tunable localized surface plasmon resonance of silver thin film. Optical Materials, 2018, 77, 198-203.	1.7	18
54	Photocatalytic performance of TiO2 thin film decorated with Cu2O nanoparticles by laser ablation. Optical Materials, 2019, 94, 130-137.	1.7	18

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55	Tunable surface plasmon resonance of Al-Cu bimetallic nanoparticles thin films induced by pulsed-laser. Applied Surface Science, 2021, 540, 148397.	3.1	18
56	Synthesis, luminescence properties and electronic structure of Tb³⁺-doped Y_{4â^'x}SiAlO₈N:xTb³⁺ â€“ a novel green phosphor with high thermal stability for white LEDs. RSC Advances, 2016, 6, 113249-113259.	1.7	17
57	Dynamic tailoring of surface plasmon polaritons through incident angle modulation. Optics Express, 2018, 26, 9772.	1.7	17
58	Oxygen flows-dependent photocatalytic performance in Ti3+ doped TiO2 thin films. Optical Materials, 2019, 95, 109224.	1.7	17
59	Photoluminescence properties of Tb3Al5O12:Ce3+, Mn2+ phosphor ceramics for high color rendering index warm white LEDs. Optical Materials, 2021, 111, 110670.	1.7	17
60	Sensitivity of a Label-Free Guided-Mode Resonant Optical Biosensor with Different Modes. Sensors, 2012, 12, 9791-9799.	2.1	16
61	Quantification of Periodontal Pathogens Cell Counts by Capillary Electrophoresis. Journal of Chromatography A, 2014, 1361, 286-290.	1.8	16
62	Tunable and Polarization-Independent Wedged Resonance Filter With 2D Crossed Grating. IEEE Photonics Technology Letters, 2016, 28, 2211-2214.	1.3	16
63	Green emitting spinel/Ba2SiO4:Eu2+/spinel sandwich structure robust ceramic phosphor prepared by spark plasma sintering. Ceramics International, 2019, 45, 23643-23650.	2.3	16
64	Synthesis and luminescence properties of color-tunable Ce, Mn co-doped LuAG transparent ceramics by sintering under atmospheric pressure. Ceramics International, 2021, 47, 9156-9163.	2.3	16
65	Miniaturized gel electrophoresis system for fast separation of nucleic acids. Sensors and Actuators B: Chemical, 2018, 254, 153-158.	4.0	15
66	Diagnosis of mixed infections with swine viruses using an integrated microfluidic platform. Sensors and Actuators B: Chemical, 2020, 312, 128005.	4.0	15
67	Hydrodynamically reconfigurable optofluidic microlens with continuous shape tuning from biconvex to biconcave. Optics Express, 2017, 25, 888.	1.7	14
68	Single Plasmonic Structure Enhanced Dual-band Room Temperature Infrared Photodetection. Scientific Reports, 2018, 8, 1548.	1.6	14
69	Surface enhanced Raman scattering of defective TiO2 thin film decorated with silver nanoparticles by laser ablation. Optical Materials, 2020, 109, 110338.	1.7	14
70	Tunable optical limiting optofluidic device filled with graphene oxide dispersion in ethanol. Scientific Reports, 2015, 5, 15362.	1.6	13
71	Focal-length-tunable elastomer-based liquid-filled planoâ€“convex mini lens. Optics Letters, 2016, 41, 404.	1.7	13
72	Alignment and counting of mitochondria based on capillary electrophoresis. Sensors and Actuators B: Chemical, 2018, 265, 110-114.	4.0	13

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73	Factors affecting the separation performance of proteins in capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 63-67.	1.2	13
74	Polarization Controllable Device for Simultaneous Generation of Surface Plasmon Polariton Bessel-Like Beams and Bottle Beams. Nanomaterials, 2018, 8, 975.	1.9	13
75	High Order Magnetic and Electric Resonant Modes of Split Ring Resonator Metasurface Arrays for Strong Enhancement of Mid-Infrared Photodetection. ACS Applied Materials & Interfaces, 2020, 12, 8835-8844.	4.0	13
76	Generation of high-uniformity and high-resolution Bessel beam arrays through all-dielectric metasurfaces. Nanophotonics, 2022, 11, 967-977.	2.9	13
77	Shapeâ€memory behaviors of electrospun chitosan/poly(ethylene oxide) composite nanofibrous membranes. Journal of Applied Polymer Science, 2015, 132, .	1.3	12
78	ITO induced tunability of surface plasmon resonance of silver thin film. Applied Surface Science, 2015, 356, 701-706.	3.1	12
79	The influence of dielectric environment on the localized surface plasmon resonance of silver-based composite thin films. Optical Materials, 2018, 83, 212-219.	1.7	12
80	Hydroxylation and Cation Segregation in (La_{0.5}Sr_{0.5})FeO_{3â^'Î´} Electrodes. Chemistry of Materials, 2020, 32, 2926-2934.	3.2	12
81	Fabrication of uniform-aperture multi-focus microlens array by curving microfluid in the microholes with inclined walls. Optics Express, 2021, 29, 12763.	1.7	12
82	Compensation of reflectance response deviations of guided-mode resonant filters induced by overetching fabrication. Optics Letters, 2009, 34, 70.	1.7	11
83	Determination and quantification of Escherichia coli by capillary electrophoresis. Analyst, The, 2014, 139, 6113-6117.	1.7	11
84	Difference of SERS ability from titanium oxide films by Ti3+ self-doping. Optical Materials, 2017, 73, 371-376.	1.7	11
85	Optical image compression and encryption transmission-based ondeep learning and ghost imaging. Applied Physics B: Lasers and Optics, 2020, 126, 1.	1.1	11
86	Laser induced the tunable permittivity of Epsilon-Near-Zero induced in indium tin oxide thin films. Optical Materials, 2020, 107, 110137.	1.7	11
87	Capillary electrophoresis of RNA in hydroxyethylcellulose polymer with various molecular weights. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1011, 114-120.	1.2	10
88	Plasmonic Holographic Metasurfaces for Generation of Vector Optical Beams. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	10
89	Composite Films of Polydimethylsiloxane and Micro-Graphite with Tunable Optical Transmittance. Applied Sciences (Switzerland), 2019, 9, 2402.	1.3	10
90	Ultrafast imaging with anti-aliasing based on optical time-division multiplexing. Optics Letters, 2016, 41, 882.	1.7	9

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91	Multiple-Image Encryption Mechanism Based on Ghost Imaging and Public Key Cryptography. IEEE Photonics Journal, 2019, 11, 1-14.	1.0	9
92	Effect of alumina addition on the microstructure and luminescence properties of BaAl2O4:Eu2+-Al2O3 green fluorescent composite ceramics fabricated by spark plasma sintering. Ceramics International, 2020, 46, 3801-3810.	2.3	9
93	Graphene oxide induced the enhancement of nonlinear optical response of ITO films. Optical Materials, 2021, 113, 110841.	1.7	9
94	Emerging optofluidic technologies for biodiagnostic applications. View, 2021, 2, 20200035.	2.7	9
95	Focus shaping of linearly polarized Lorentz beam with sine-azimuthal variation wavefront. Optik, 2013, 124, 2079-2084.	1.4	8
96	Electrophoresis of periodontal pathogens in poly(ethyleneoxide) solutions with uncoated capillary. Analytical Biochemistry, 2015, 471, 70-72.	1.1	8
97	Electron-beam irradiation induced phase transformation, optical absorption and surface-enhanced Raman scattering of Indium tin alloy thin films. Superlattices and Microstructures, 2017, 106, 189-196.	1.4	8
98	Data Compression for Time-Stretch Imaging Based on Differential Detection and Run-Length Encoding. Journal of Lightwave Technology, 2017, 35, 5098-5104.	2.7	8
99	Eu2+-activated blue-emitting glass phosphor derived from Eu3+ exchanged USY zeolites by thermal treatment in reducing atmosphere. Ceramics International, 2018, 44, 19547-19553.	2.3	8
100	High-repetition-rate laser-induced damage of indium tin oxide films and polyimide films at a 1064 nm wavelength. Optical Materials Express, 2019, 9, 911.	1.6	8
101	The enhancement of nonlinear absorption of Ag thin film on laser induced defective MoOx buffer layer. Chemical Physics Letters, 2020, 754, 137727.	1.2	8
102	Reidinger defects induced thermally stable green emission from Eu2+, Mn2+ co-doped Ba0.75Al11O17.25 transparent ceramics. Journal of the European Ceramic Society, 2022, 42, 266-273.	2.8	8
103	Effect of SiO2 introduction on luminescence properties of LuAG:Mn2+ phosphors. Journal of Rare Earths, 2022, 40, 253-259.	2.5	8
104	Cervical cell multi-classification algorithm using global context information and attention mechanism. Tissue and Cell, 2022, 74, 101677.	1.0	8
105	Luminous output improvement in chip scale packaged Ce3+:YAG-based ceramic phosphors-converted white LEDs via laser assistance for application in automobile headlights. Ceramics International, 2022, 48, 16391-16396.	2.3	8
106	Study on the key technology of optical encryption based on compressive ghost imaging with double random-phase encoding. Optical Engineering, 2015, 54, 125104.	0.5	7
107	Surface-enhanced Raman scattering of silver thin films on as-roughened substrate by reactive ion etching. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	7
108	Al-induced tunable surface plasmon resonance of Ag thin film by laser irradiation. Applied Physics Express, 2019, 12, 085503.	1.1	7

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109	High throughput DNA concentration determination system based on fluorescence technology. Sensors and Actuators B: Chemical, 2021, 328, 128904.	4.0	7
110	EGFR inhibitors regulate Ca2+ concentration and apoptosis after PM2.5 exposure based on a lung-mimic microfluidic system. Science of the Total Environment, 2021, 761, 143200.	3.9	7
111	Tailoring the free carrier and optoelectric properties of indium tin oxide film via quasi-continuous-wave laser annealing. Applied Surface Science, 2021, 538, 148104.	3.1	7
112	Agâ€“Ag2O composite structure with tunable localized surface plasmon resonance as ultrastable, sensitive and cost-effective SERS substrate. Journal of Alloys and Compounds, 2020, 839, 155729.	2.8	7
113	Fabrication of large micro-structured high-numerical-aperture optofluidic compound eyes with tunable angle of view. Optics Express, 2018, 26, 33356.	1.7	7
114	Shift of the surface plasmon polariton interference pattern in symmetrical arc slit structures and its application to Rayleigh metallic particle trapping. Optics Express, 2020, 28, 21210.	1.7	7
115	Dynamical generation of multiple focal spot pairs with controllable position and polarization. Optics Express, 2020, 28, 26706.	1.7	7
116	Thickness dependency of PVA on the transition from saturable absorption to reverse saturable absorption of ITO films. Optical Materials, 2022, 125, 112061.	1.7	7
117	Angle robust reflected plasmonic color palettes with expanded color gamut. Optics Communications, 2022, 517, 128341.	1.0	7
118	Broadband Plasmonic Logic Input Sources Constructed With Dual Square Ring Resonators and Dual Waveguides. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	6
119	MoS2 induced the enhancement of nonlinear absorption of Ag thin film. Physica B: Condensed Matter, 2020, 591, 412261.	1.3	6
120	Yb3+/Mn2+ co-doped Y3Al5O12 phosphors for optical thermometric application. Optical Materials, 2022, 124, 111949.	1.7	6
121	Video anomaly detection based on 3D convolutional auto-encoder. Signal, Image and Video Processing, 2022, 16, 1885-1893.	1.7	6
122	Optical bandpass/notch filter with independent tuning of wavelength and bandwidth based on a blazed diffraction grating. Optics Express, 2014, 22, 20284.	1.7	5
123	Analysis of the inhibition of nucleic acid dyes on polymerase chain reaction by capillary electrophoresis. Analytical Methods, 2016, 8, 2330-2334.	1.3	5
124	Tailorable Elastomeric Grating With Tunable Groove Density Gradient. IEEE Photonics Journal, 2017, 9, 1-6.	1.0	5
125	Laser induced photocatalytic activity enhancement of TiO_2 thin films. Optics Express, 2017, 25, A1132.	1.7	5
126	Thickness-dependent surface plasmon resonance of ITO nanoparticles for ITO/In-Sn bilayer structure. Nanotechnology, 2018, 29, 015705.	1.3	5

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127	A facile way to obtain LuAG:Ce3+ transparent ceramic phosphor and a LuAG:Ce3+/Al ceramic metal integration structure. Materials Research Express, 2019, 6, 116214.	0.8	5
128	Broadband Absorption Tailoring of SiO2/Cu/ITO Arrays Based on Hybrid Coupled Resonance Mode. Nanomaterials, 2019, 9, 852.	1.9	5
129	White emitting aluminosilicate glass phosphors derived from Dy3+, Ag+ co-exchanged LTA zeolite. Ceramics International, 2020, 46, 28933-28938.	2.3	5
130	Laser patterning induced the tunability of nonlinear optical property in silver thin films. Chemical Physics Letters, 2020, 751, 137535.	1.2	5
131	Capillary electrophoresis of DNA with high resolution based on copoly(pentaerythritoltetra) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 338811.	2.6	5
132	Omnidirectional and compact transmissive chromatic polarizers based on a dielectric-metal-dielectric structure. Optics Express, 2020, 28, 25073.	1.7	5
133	Influence of photoresist layer on unetched guided mode resonance filter. Journal of Optics (India), 2016, 45, 302-306.	0.8	4
134	Ultra-Broadband Excitations of Plasmonic Waveguides by Bowtie Apertures. Plasmonics, 2017, 12, 1257-1262.	1.8	4
135	The effect of electrophoretic parameters on separation performance of short DNA fragments. Analytical Biochemistry, 2018, 556, 99-103.	1.1	4
136	Fabrication and photocatalytic property of MoOx nano-particle films from Mo target by laser ablation at ambient conditions. Optical Materials, 2020, 99, 109589.	1.7	4
137	Cuprous oxide induced the surface enhanced Raman scattering of silver thin films. Chemical Physics Letters, 2021, 783, 139071.	1.2	4
138	Angle-tolerant polarization controlled continuous color palette from all-dielectric nanograting in reflective mode. Optics Express, 2021, 29, 41246.	1.7	4
139	Bioinspired Compound Eyes for Diffused Light-Harvesting Application. ACS Applied Materials & Interfaces, 2022, 14, 4767-4774.	4.0	4
140	Laser direct patterning induced the tunable optical properties of indium tin oxide micro-hole arrays films. Current Applied Physics, 2022, 36, 171-175.	1.1	4
141	High resolution reconstruction method of ghost imaging via SURF-NSML. Journal of the Korean Physical Society, 2022, 80, 964-971.	0.3	4
142	Far-red emitting MgAl₂O₄:Cr³⁺ceramic phosphors with luminescence thermal stability for plant lighting LEDs. Optical Materials Express, 2022, 12, 2942.	1.6	4
143	A Highly Efficient Plasmonic Lens Based on a Single Annular Ring With Cross Section of an Asymmetric Slot. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	3
144	Excitation of in-plane surface plasmon polariton bottle beams by multiple-incident-light illumination. Applied Physics Express, 2018, 11, 072003.	1.1	3

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145	Blue/red dual color up-conversion emission from Tm³⁺, Yb³⁺ co-activated nephelline particles derived from LTA zeolites. Materials Research Express, 2019, 6, 035022.	0.8	3
146	Highâ€Performance Sieving Electrophoresis for Singleâ€Nucleotide Polymorphisms with a Structuring Hydrogel Network. Macromolecular Chemistry and Physics, 2020, 221, 1900385.	1.1	3
147	Ghost imaging-based optical cryptosystem for multiple images using integral property of the Fourier transform*. Chinese Physics B, 2021, 30, 124207.	0.7	3
148	Ba_{0.75}Al₁₁O_{17.25}:Cr³⁺ red-emitting ceramic phosphor with luminescence thermal stability. Optical Materials Express, 2022, 12, 981.	1.6	3
149	Broadband generation of accelerating polygon beams with large curvature ratio and small focused spot using all-dielectric metasurfaces. Nanophotonics, 2022, 11, 1203-1210.	2.9	3
150	Cytotoxicity Effect of Iron Oxide (Fe3O4)/Graphene Oxide (GO) Nanosheets in Cultured HBE Cells. Frontiers in Chemistry, 2022, 10, .	1.8	3
151	Arbitrary continuous nano-marks generated by multifocal spot arrays for controllable laser printing. Laser Physics, 2017, 27, 046201.	0.6	2
152	Spectral compression method for LCD display based on color difference weighted function. Optik, 2020, 203, 163959.	1.4	2
153	Influence of Atmospheric Turbulence Channel on a Super-Resolution Ghost Imaging Transmission System Based on Plasmonic Structure Illumination Microscopy. Frontiers in Physics, 2020, 8, .	1.0	2
154	Spectroscopic properties of Yb3+, Ho3+-doped Y3Al5O12 single crystals grown by the micro-pulling-down method. Infrared Physics and Technology, 2020, 111, 103540.	1.3	2
155	Enhancement of nonlinear optical property of Cu2O/Ag/Cu2O composite films induced by laser irradiation. Journal of Materials Science, 2021, 56, 9871-9882.	1.7	2
156	Effective iterative method for accurate amplitude modulation in complex optical field generation. Optical Engineering, 2019, 58, 1.	0.5	2
157	Temperature dependence of initial deformation and cracks of indium tin oxide film by quasi-continuous-wave laser irradiations. Optical Materials Express, 2020, 10, 2394.	1.6	2
158	Laser induced surface enhanced Raman scattering of silver thin films decorated with carbon nanoparticles. Optical Materials, 2021, 122, 111728.	1.7	2
159	Dynamic tailoring of an optical skyrmion lattice in surface plasmon polaritons: reply. Optics Express, 2020, 28, 33616.	1.7	2
160	Versatile method for adjusting fabrication errors of guided-mode resonance filters. Optics Communications, 2015, 353, 10-16.	1.0	1
161	Study on the algorithm of computational ghost imaging based on discrete fourier transform measurement matrix. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 121, 143-151.	0.2	1
162	Optical gradient force of linearly polarized sine-azimuthal Lorentz beam with one on-axis optical vortex. Optik, 2016, 127, 4193-4199.	1.4	1

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163	Quantum dot based detections of propagating plasmonic modes excited by bowtie antennas. Laser Physics, 2017, 27, 036201.	0.6	1
164	Real-time Tracking of DNA Fragment Separation by Smartphone. Journal of Visualized Experiments, 2017, , .	0.2	1
165	Security and coding performance of spectral phase coding. , 2017, , .		1
166	Generation of Flat Top Surface Plasmon Polariton Beams by Near Field Holography. Nanomaterials, 2019, 9, 1377.	1.9	1
167	A novel noise model based on balanced detection for an ultrafast line-scan imaging system. Optics Communications, 2020, 460, 124508.	1.0	1
168	Separation of subcellular fluorescent microspheres by capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2020, 412, 1871-1877.	1.9	1
169	Fabrication and spectral properties of Yb,Ho:Y2O3 transparent ceramics. Optical Materials, 2021, 112, 110479.	1.7	1
170	High-Throughput Cell Trapping in the Dentate Spiral Microfluidic Channel. Micromachines, 2021, 12, 288.	1.4	1
171	Improved 2.0ÂÎ¼m luminescence by doping Ce3+ ions in Yb3+, Ho3+:YAG transparent ceramics. Infrared Physics and Technology, 2021, 118, 103895.	1.3	1
172	Generation of a ring-shaped focusing spot with precisely controllable position and diameter. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 987.	0.9	1
173	Road crack segmentation using an attention residual U-Net with generative adversarial learning. Mathematical Biosciences and Engineering, 2021, 18, 9669-9684.	1.0	1
174	BaAl₂O₄:Eu²⁺â€“Al₂O₃ ceramics for wide range optical temperature sensing. Dalton Transactions, 2022, 51, 1784-1790.	1.6	1
175	Oxygen-injection-dependent nonlinear absorption of MoS2 colloidal particles fabricated by laser ablation in liquid conditions. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 140, 115173.	1.3	1
176	Design of the convex grating imaging spectrometer. , 2009, , .		0
177	Sub-wavelength structures and their optical properties. , 2014, , .		0
178	Replication of periodic structure on 2D acrylic lens attained as a diffractive optical element in reflectance domain. Journal of Physics Communications, 2017, 1, 045006.	0.5	0
179	Roughness dependence of optical coefficient polarization on pixelsâ€™ diffractive elements by stretching technique. Journal of Physics Communications, 2017, 1, 055028.	0.5	0
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