

# Xu Liu

## List of Publications by Year in descending order

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283  
papers

5,926  
citations

134610

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120465

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g-index

286  
all docs

286  
docs citations

286  
times ranked

5216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of 4Pi Fluorescence Nanoscopy. <i>Engineering</i> , 2022, 11, 146-153.	3.2	6
2	Thermally activated delayed fluorescence (TADF) organic molecules for efficient X-ray scintillation and imaging. <i>Nature Materials</i> , 2022, 21, 210-216.	13.3	146
3	High-Performance Refractive-Index Chip with Periodically Fine-Tuning Gratings for Tunable Virtual-Wavevector Spatial Frequency Shift Universal Super-Resolution Imaging. <i>Advanced Science</i> , 2022, 9, e2103835.	5.6	10
4	Modulated illumination localization microscopy-enabled sub-10 nm resolution. <i>Journal of Innovative Optical Health Sciences</i> , 2022, 15, .	0.5	3
5	Modulated pattern scanning microscopy. <i>Optics Letters</i> , 2022, 47, 1721.	1.7	0
6	3D Sub-Diffraction Printing by Multicolor Photoinhibition Lithography: From Optics to Chemistry. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	18
7	Top-Emitting Microcavity Light-Emitting Diodes Based on All-Thermally Evaporated Lead-Free Copper Halide Self-Trapped-Exciton Emitters. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3431-3437.	2.1	9
8	Measuring conductance switching in single proteins using quantum tunneling. <i>Science Advances</i> , 2022, 8, eabm8149.	4.7	18
9	Simultaneous super-resolution estimation of single-molecule position and orientation with minimal photon fluxes. <i>Optics Express</i> , 2022, 30, 22051.	1.7	4
10	Portable autostereoscopic display based on multi-directional backlight. <i>Optics Express</i> , 2022, 30, 21478.	1.7	6
11	Dip-In Photoresist for Photoinhibited Two-Photon Lithography to Realize High-Precision Direct Laser Writing on Wafer. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 31332-31342.	4.0	19
12	Generation of Arbitrary Longitudinal Polarization Vortices by Pupil Function Manipulation. <i>Advanced Photonics Research</i> , 2021, 2, 2000087.	1.7	4
13	Resolution Enhancement and Background Suppression in Optical Super-Resolution Imaging for Biological Applications. <i>Laser and Photonics Reviews</i> , 2021, 15, .	4.4	13
14	Deep-Learned Broadband Encoding Stochastic Filters for Computational Spectroscopic Instruments. <i>Advanced Theory and Simulations</i> , 2021, 4, 2000299.	1.3	27
15	High-Performance Semi-Transparent Organic Photovoltaic Devices via Improving Absorbing Selectivity. <i>Advanced Energy Materials</i> , 2021, 11, 2003408.	10.2	54
16	Three-Dimension Resolution Enhanced Microscopy Based on Parallel Detection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2837.	1.3	3
17	Principles of Different X-ray Phase-Contrast Imaging: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2971.	1.3	23
18	Chip-compatible wide-field 3D nanoscopy through tunable spatial frequency shift effect. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	2.0	5

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19	Highly Resolved and Robust Dynamic X-Ray Imaging Using Perovskite Glass-Ceramic Scintillator with Reduced Light Scattering. <i>Advanced Science</i> , 2021, 8, e2003728.	5.6	128
20	Analytical description of sub-diffraction dark spot. <i>Optics Communications</i> , 2021, 499, 127295.	1.0	3
21	Special Section Guest Editorial: Frontiers of Optical Coatings. <i>Optical Engineering</i> , 2021, 61, .	0.5	0
22	Plasmon-activated nanozymes with enhanced catalytic activity by near-infrared light irradiation. <i>Chemical Communications</i> , 2020, 56, 1784-1787.	2.2	22
23	Dynamic live-cell super-resolution imaging with parallelized fluorescence emission difference microscopy. <i>Optics Communications</i> , 2020, 460, 125087.	1.0	2
24	Real-Time Measurement of the Hygroscopic Growth Dynamics of Single Aerosol Nanoparticles with Bloch Surface Wave Microscopy. <i>ACS Nano</i> , 2020, 14, 9136-9144.	7.3	23
25	Far-Field Superresolution Imaging via Spatial Frequency Modulation. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900011.	4.4	15
26	Chip-based waveguides for high-sensitivity biosensing and super-resolution imaging. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020, 21, 1134-1149.	1.5	4
27	Aberrations in Structured Illumination Microscopy: A Theoretical Analysis. <i>Frontiers in Physics</i> , 2020, 7, .	1.0	9
28	Pulsed Saturated Absorption Competition Microscopy on Nonbleaching Nanoparticles. <i>ACS Photonics</i> , 2020, 7, 1788-1798.	3.2	12
29	Reducing the crosstalk effect in phase-only spatial light modulators based on double-phase method. <i>Optics Communications</i> , 2020, 465, 125595.	1.0	2
30	Low-dose real-time X-ray imaging with nontoxic double perovskite scintillators. <i>Light: Science and Applications</i> , 2020, 9, 112.	7.7	272
31	Review of compact computational spectral information acquisition systems. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020, 21, 1119-1133.	1.5	7
32	Development of fan-shaped tracker for single particle tracking. <i>Microscopy Research and Technique</i> , 2020, 83, 1056-1065.	1.2	3
33	A Labeling Strategy for Living Specimens in Long-Term/Super-Resolution Fluorescence Imaging. <i>Frontiers in Chemistry</i> , 2020, 8, 601436.	1.8	7
34	3D resolution enhancement in saturated competition microscopy. <i>Applied Optics</i> , 2020, 59, 10661.	0.9	2
35	Isotropic three-dimensional imaging with lattice light-sheet difference microscopy. <i>Optics Letters</i> , 2020, 45, 2854.	1.7	5
36	Sub-diffraction dark spot localization microscopy. , 2020, , .		0

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37	Fiber-Integrated Reversibly Wavelength-Tunable Nanowire Laser Based on Nanocavity Mode Coupling. ACS Nano, 2019, 13, 9965-9972.	7.3	11
38	Super-Resolution Microscopy: On-Chip Super-Resolution Imaging with Fluorescent Polymer Films (Adv.) Tj ETQq0 0,0 rgBT /Overlock 10	7.8	4
39	Resolution enhancement of confocal fluorescence microscopy via two illumination beams. Optics and Lasers in Engineering, 2019, 122, 8-13.	2.0	3
40	Image scanning difference microscopy. Journal of Microscopy, 2019, 276, 98-106.	0.8	3
41	Super-resolution microscopy based on parallel detection. Journal of Innovative Optical Health Sciences, 2019, 12, .	0.5	3
42	Highly sensitive X-ray detector made of layered perovskite-like (NH <sub>4</sub> ) <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> single crystal with anisotropic response. Nature Photonics, 2019, 13, 602-608.	15.6	391
43	61â€: LER Constrained Primary Color Optimization for an Ultraâ€Wide Gamut Display. Digest of Technical Papers SID International Symposium, 2019, 50, 870-873.	0.1	0
44	Probe separation and noise suppression in lensless microscopy. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	0
45	Cellâ€permeable organic fluorescent probes for liveâ€cell superâ€resolution imaging of actin filaments. Journal of Chemical Technology and Biotechnology, 2019, 94, 2040-2046.	1.6	5
46	Label-free surface-sensitive photonic microscopy with high spatial resolution using azimuthal rotation illumination. Science Advances, 2019, 5, eaav5335.	4.7	48
47	Onâ€Chip Superâ€Resolution Imaging with Fluorescent Polymer Films. Advanced Functional Materials, 2019, 29, 1900126.	7.8	19
48	Axial scanning in lensless microscopy to achieve high resolution. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	0
49	Simultaneous Two-Angle Axial Ratiometry for Fast Live and Long-Term Three-Dimensional Super-Resolution Fluorescence Imaging. Journal of Physical Chemistry Letters, 2019, 10, 7811-7816.	2.1	3
50	Decorative near-infrared transmission filters featuring high-efficiency and angular-insensitivity employing 1D photonic crystals. Nano Research, 2019, 12, 543-548.	5.8	25
51	Enhancing the axial resolution of two-photon imaging. Applied Optics, 2019, 58, 4892.	0.9	4
52	Label-free difference super-resolution microscopy based on parallel detection. Applied Optics, 2019, 58, 9069.	0.9	1
53	Precise light control in highly tilted geometry by freeform illumination optics. Optics Letters, 2019, 44, 2887.	1.7	38
54	Integrated dual-color stimulated emission depletion (STED) microscopy and fluorescence emission difference (FED) microscopy. Optics Communications, 2018, 423, 167-174.	1.0	8

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55	Imaging resolution and properties analysis of super resolution microscopy with parallel detection under different noise, detector and image restoration conditions. Journal of Modern Optics, 2018, 65, 1188-1198.	0.6	1
56	Prospects for Fluorescence Nanoscopy. ACS Nano, 2018, 12, 4081-4085.	7.3	19
57	Multi-color live-cell super-resolution volume imaging with multi-angle interference microscopy. Nature Communications, 2018, 9, 4818.	5.8	46
58	Improving performance of Si/CdS micro-/nanoribbon p-n heterojunction light emitting diodes by trenched structure. AIP Advances, 2018, 8, 055231.	0.6	3
59	Optogenetic control of epithelial-mesenchymal transition in cancer cells. Scientific Reports, 2018, 8, 14098.	1.6	13
60	Light sheet microscopy with high spatial resolution based on polarized structured illumination beam modulated by the phase mask. Microscopy Research and Technique, 2018, 81, 959-965.	1.2	2
61	Breaking the Axial Diffraction Limit: A Guide to Axial Super-Resolution Fluorescence Microscopy. Laser and Photonics Reviews, 2018, 12, 1700333.	4.4	33
62	Background suppression in confocal scanning fluorescence microscopy with superoscillations. Optics Communications, 2018, 426, 541-546.	1.0	6
63	P&E98: Incorporating Space-variant Holographic Grating in Waveguide Display. Digest of Technical Papers SID International Symposium, 2018, 49, 1549-1552.	0.1	0
64	360-degree large-scale multiprojection light-field 3D display system. Applied Optics, 2018, 57, 1817.	0.9	33
65	Formulating the design of two freeform lens surfaces for point-like light sources. Optics Letters, 2018, 43, 1619.	1.7	29
66	Nonlinear Focal Modulation Microscopy. Physical Review Letters, 2018, 120, 193901.	2.9	19
67	7&E3: A Large-scale Multi-projection Light-field Display based on Multi-view Sampling Calibration. Digest of Technical Papers SID International Symposium, 2018, 49, 68-71.	0.1	0
68	10&E2: A Deep Depth of Field Near Eye Light Field Displays Utilizing LC Lens and Dual-layer LCDs. Digest of Technical Papers SID International Symposium, 2018, 49, 96-99.	0.1	1
69	Axial resolution enhancement for light sheet fluorescence microscopy via using the subtraction method. Optical Engineering, 2018, 57, 1.	0.5	5
70	Resolution enhancement of confocal scanning microscopy using low-intensity imaging part of point spread function. Optical Engineering, 2018, 57, 1.	0.5	3
71	Inverse matrix based phase estimation algorithm for structured illumination microscopy. Biomedical Optics Express, 2018, 9, 5037.	1.5	26
72	Effective improvement of subtraction method for light sheet fluorescence microscopy via tangent-function subtraction coefficient. , 2018, , .		0

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73	Emission difference super-resolution microscopy with optical lattices scanning and wide field detection. Optics Communications, 2017, 395, 29-33.	1.0	1
74	Polarized light source based on graphene-nanoribbon hybrid structure. Optics Communications, 2017, 395, 76-81.	1.0	10
75	Saturated virtual fluorescence emission difference microscopy based on detector array. Optics Communications, 2017, 395, 45-50.	1.0	8
76	Effect of spatial spectrum overlap on Fourier ptychographic microscopy. Journal of Innovative Optical Health Sciences, 2017, 10, 1641004.	0.5	5
77	Rab8A regulates insulinâ€stimulated <scp>GLUT</scp>4 translocation in C2C12 myoblasts. FEBS Letters, 2017, 591, 491-499.	1.3	19
78	Fluorescent Nanowire Ring Illumination for Wide-Field Far-Field Subdiffraction Imaging. Physical Review Letters, 2017, 118, 076101.	2.9	62
79	Parallel detecting super-resolution microscopy using correlation based image restoration. Optics Communications, 2017, 404, 139-146.	1.0	10
80	A novel method for enhancing the lateral resolution and image SNR in confocal microscopy. Optics Communications, 2017, 404, 184-188.	1.0	4
81	Frequency domain phase-shifted confocal microscopy (FDPCM) with array detection. Journal of Modern Optics, 2017, 64, 1597-1603.	0.6	1
82	Broadband light absorber based on porous alumina structure covered with ultrathin iridium film. Applied Physics Letters, 2017, 110, 141103.	1.5	22
83	Differential requirement for <i>N</i>-ethylmaleimideâ€sensitive factor in endosomal trafficking of transferrin receptor from anterograde trafficking of vesicular stomatitis virus glycoprotein G. FEBS Letters, 2017, 591, 273-281.	1.3	5
84	Comparison of multi-mode parallel detection microscopy methods. Optics Communications, 2017, 387, 275-280.	1.0	4
85	Compact three-dimensional super-resolution system based on fluorescence emission difference microscopy. Optics Communications, 2017, 405, 157-163.	1.0	13
86	Silver Nanowires for Reconfigurable Bloch Surface Waves. ACS Nano, 2017, 11, 10446-10451.	7.3	17
87	On-chip Microscopy Using Random Phase Mask Scheme. Scientific Reports, 2017, 7, 14768.	1.6	6
88	Beam shaping for multicolour light-emitting diodes with diffractive optical elements. Journal of Modern Optics, 2017, 64, 388-395.	0.6	4
89	Superresolution Optical Microscopy. , 2017, , 241-291.		0
90	Highly efficient omnidirectional structural color tuning method based on dielectricâ€metalâ€dielectric structure. Applied Optics, 2017, 56, C175.	2.1	15

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91	Detecting crop population growth using chlorophyll fluorescence imaging. Applied Optics, 2017, 56, 9762.	0.9	6
92	Lensless imaging through multiple phase patterns illumination. Journal of Biomedical Optics, 2017, 22, 1.	1.4	5
93	Two-photon microscopy with enhanced contrast and resolution. Applied Optics, 2017, 56, 3799.	2.1	5
94	72â€²: A High Resolution Near Eye Light Field Display with Fast Reconstruction Speed. Digest of Technical Papers SID International Symposium, 2017, 48, 1053-1056.	0.1	0
95	Towards VR and AR enhancement. , 2016, , .		1
96	Design of hybrid structure for fast and deep surface plasmon polariton modulation. Optics Express, 2016, 24, 17069.	1.7	7
97	Resolution enhancement of saturated fluorescence emission difference microscopy. Optics Express, 2016, 24, 23596.	1.7	28
98	Surface wave illumination Fourier ptychographic microscopy. Optics Letters, 2016, 41, 5373.	1.7	5
99	61-4: Holographic Diffuser Design for Multi-band Beam Shaping. Digest of Technical Papers SID International Symposium, 2016, 47, 833-836.	0.1	2
100	P-66: Near-eye Light Field Displays Optimization Based on Sub-pixel Structure of LCD. Digest of Technical Papers SID International Symposium, 2016, 47, 1385-1388.	0.1	0
101	19-2: Strategies of Grayscale Enhancement for Scanning Light Field Display. Digest of Technical Papers SID International Symposium, 2016, 47, 223-226.	0.1	0
102	Optimized Image Synthesis for Multi-Projector-Type Light Field Display. Journal of Display Technology, 2016, 12, 1745-1751.	1.3	6
103	Towards VR and AR. , 2016, , .		3
104	Angle Insensitive Color Filters in Transmission Covering the Visible Region. Scientific Reports, 2016, 6, 19289.	1.6	65
105	Method for enhancing stability in multi-beam microscopy. Measurement Science and Technology, 2016, 27, 105901.	1.4	1
106	Tunable, omnidirectional structural color on reflection based on metal-SiOx-metal structure. Applied Physics Letters, 2016, 109, .	1.5	19
107	Three-dimensional resolution and contrast-enhanced confocal microscopy with array detection. Optics Letters, 2016, 41, 2013.	1.7	20
108	360â€² full-parallax light-field display using panoramic camera. Applied Optics, 2016, 55, 4729.	2.1	11

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109	Angle Robust Reflection/Transmission Plasmonic Filters Using Ultrathin Metal Patch Array. <i>Advanced Optical Materials</i> , 2016, 4, 1981-1986.	3.6	44
110	Structured illumination fluorescence Fourier ptychographic microscopy. <i>Optics Communications</i> , 2016, 381, 100-106.	1.0	4
111	Virtual $k$ -Space Modulation Optical Microscopy. <i>Physical Review Letters</i> , 2016, 117, 028102.	2.9	32
112	3D fluorescence emission difference microscopy based on spatial light modulator. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1641003.	0.5	6
113	Effects of polarization and phase modulation on the focal spot in 4Pi microscopy. <i>Journal of Modern Optics</i> , 2016, 63, 1145-1157.	0.6	2
114	Light Field 3D Display Based on Projection Technology. , 2016, , .		0
115	Dual-color super-resolution imaging by fluorescence emission difference microscopy. , 2016, , .		0
116	Three-dimensional super-resolution imaging for fluorescence emission difference microscopy. <i>AIP Advances</i> , 2015, 5, 084901.	0.6	11
117	24.3: Adaptive Optimization of Rendering for Multi-Projector Type Light Field Display. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 350-353.	0.1	0
118	24.2: Real-Time Rendering 360° Floating Light Field 3D Display. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 346-349.	0.1	4
119	P-121: Angular-Insensitive Color Filters Based on Compact Multilayer Film for Reflective Displays and Decorations. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 1621-1623.	0.1	0
120	15.4: Weight Optimization of Near-Eye Light Field Displays Based on Human Visual System. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 200-203.	0.1	0
121	13.2: 360° Multi-Faced Tracking and Interaction Using A Panoramic Camera. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 151-154.	0.1	1
122	Grayscale performance enhancement for time-multiplexing light field rendering. <i>Optics Express</i> , 2015, 23, 32622.	1.7	6
123	A method for achieving multiple foci with subdiffraction resolution along the axial direction. <i>Journal of Modern Optics</i> , 2015, 62, 364-368.	0.6	2
124	Super-resolution microscopy based on fluorescence emission difference of cylindrical vector beams. <i>Optics Communications</i> , 2015, 354, 71-78.	1.0	27
125	Sub-diffraction imaging with total internal reflection fluorescence (TIRF) microscopy by stochastic photobleaching. <i>Journal of Modern Optics</i> , 2015, 62, 1223-1228.	0.6	3
126	Virtual fluorescence emission difference microscopy based on photon reassignment. <i>Optics Letters</i> , 2015, 40, 4627.	1.7	24



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127	Fluorescence emission difference with defocused surface plasmon-coupled emission microscopy. Optics Express, 2015, 23, 32561.	1.7	8
128	Phase microscopy using light-field reconstruction method for cell observation. Micron, 2015, 75, 11-17.	1.1	2
129	Axial nanodisplacement measurement based on the double-helix point spread function generated using radially polarized beams with vortex phase modulation. Japanese Journal of Applied Physics, 2015, 54, 082501.	0.8	2
130	Design of reflective chromatic polarizers at 45° incidence. Optics Communications, 2015, 349, 138-144.	1.0	4
131	Resolution and contrast enhancements of optical microscope based on point spread function engineering. Frontiers of Optoelectronics, 2015, 8, 152-162.	1.9	14
132	Compact Multilayer Film Structure for Angle Insensitive Color Filtering. Scientific Reports, 2015, 5, 9285.	1.6	120
133	The use of azimuthally polarized sinh-Gauss beam in STED microscopy. Journal of Optics (United Kingdom), 2015, 16, 078431.	1.0	6
134	Dual-mode super-resolution imaging with stimulated emission depletion microscopy and fluorescence emission difference microscopy. Applied Optics, 2015, 54, 5425.	2.1	2
135	Resolution-enhanced surface plasmon-coupled emission microscopy. Optics Express, 2015, 23, 13159.	1.7	16
136	Selectable Surface and Bulk Fluorescence Imaging with Plasmon-Coupled Waveguides. Journal of Physical Chemistry C, 2015, 119, 22131-22136.	1.5	17
137	Hybrid method of free-form lens design for arbitrary illumination target. Applied Optics, 2015, 54, 4503.	0.9	20
138	Iterative phase-retrieval method for generating stereo array of polarization-controlled focal spots. Optics Letters, 2015, 40, 3532.	1.7	15
139	Control, optimization and measurement of parameters of semiconductor nanowires lasers. Nano Energy, 2015, 14, 340-354.	8.2	19
140	Method to design two aspheric surfaces for a wide field of view imaging system with low distortion. Applied Optics, 2015, 54, 8241.	2.1	21
141	Roll angle measurement based on common path compensation principle. Optics and Lasers in Engineering, 2015, 67, 66-73.	2.0	15
142	The Progress of Light-Field Displays. Information Display, 2014, 30, 6-14.	0.1	12
143	Automatic geometrical calibration for multiprojector-type light field three-dimensional display. Optical Engineering, 2014, 53, 073107.	0.5	12
144	Color-tuning method by filling porous alumina membrane using atomic layer deposition based on metal-dielectric-metal structure. Applied Optics, 2014, 53, A142.	0.9	23

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145	Eliminating deformations in fluorescence emission difference microscopy. Optics Express, 2014, 22, 26375.	1.7	32
146	Design and simulation of omnidirectional reflective color filters based on metal-dielectric-metal structure. Optics Express, 2014, 22, 11384.	1.7	54
147	Isotropic superresolution imaging for fluorescence emission difference microscopy. Applied Optics, 2014, 53, 7838.	2.1	8
148	P&#78: An Interactive 360° Floating 3D Display Based on Gesture Recognition. Digest of Technical Papers SID International Symposium, 2014, 45, 1278-1281.	0.1	3
149	LED surgical lighting system with multiple free-form surfaces for highly sterile operating theater application. Applied Optics, 2014, 53, 3427.	0.9	8
150	36.3: Surround&#228;type Light Field Display with Immersive Experience. Digest of Technical Papers SID International Symposium, 2014, 45, 517-519.	0.1	1
151	Arbitrary three-dimensional polarization control based on cylindrical vector beams and binary phase coding. Journal of Modern Optics, 2014, 61, 328-334.	0.6	0
152	Simultaneous control on the intensity and phase profile of laser beam with Monge&#228;re equation method. Proceedings of SPIE, 2014, , .	0.8	0
153	An axial displacement measurement relying on the double-helix light beam. Optics and Laser Technology, 2014, 59, 1-6.	2.2	3
154	Investigation of self-adaptive LED surgical lighting based on entropy contrast enhancing method. Optics Communications, 2014, 319, 133-140.	1.0	17
155	Enhancing the resolution and contrast in CW-STED microscopy. Optics Communications, 2014, 322, 169-174.	1.0	11
156	Real-time super-resolution imaging by high-speed fluorescence emission difference microscopy. Journal of Modern Optics, 2014, 61, 1364-1371.	0.6	16
157	Double freeform surfaces design for laser beam shaping with Monge&#228;re equation method. Optics Communications, 2014, 331, 297-305.	1.0	35
158	A 3D aligning method for stimulated emission depletion microscopy using fluorescence lifetime distribution. Microscopy Research and Technique, 2014, 77, 935-940.	1.2	7
159	Broadly Defining Lasing Wavelengths in Single Bandgap-Graded Semiconductor Nanowires. Nano Letters, 2014, 14, 3153-3159.	4.5	84
160	Sub-diffraction imaging with confocal fluorescence microscopy by stochastic photobleaching. Optics Communications, 2014, 312, 62-67.	1.0	9
161	Electrical Tuning of Surface Plasmon Polariton Propagation in Graphene&#228;Nanowire Hybrid Structure. ACS Nano, 2014, 8, 2584-2589.	7.3	49
162	Ray targeting for optimizing smooth freeform surfaces for LED non-rotational illumination. Journal of Zhejiang University: Science C, 2013, 14, 785-791.	0.7	4

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163	Wavelength Tunable CdSe Nanowire Lasers Based on the Absorption-Emission-Absorption Process. <i>Advanced Materials</i> , 2013, 25, 833-837.	11.1	109
164	Far-field super-resolution imaging using near-field illumination by micro-fiber. <i>Applied Physics Letters</i> , 2013, 102, 013104.	1.5	49
165	Small angular displacement measurement based on an autocollimator and a common-path compensation principle. <i>Review of Scientific Instruments</i> , 2013, 84, 015108.	0.6	40
166	Methods for generating a dark spot using phase and polarization modulation light. <i>Optik</i> , 2013, 124, 650-654.	1.4	3
167	Contrast reversal confocal microscopy. <i>Optics Communications</i> , 2013, 298-299, 272-275.	1.0	4
168	Focusing properties of cylindrical vector vortex beams with high numerical aperture objective. <i>Optik</i> , 2013, 124, 4762-4765.	1.4	13
169	An interferential method for generating polarization-rotatable cylindrical vector beams. <i>Optics Communications</i> , 2013, 286, 6-12.	1.0	7
170	Study on calibration method for the performance index of SPR sensors. <i>Optoelectronics Letters</i> , 2013, 9, 329-332.	0.4	0
171	Efficient optimal design of smooth optical freeform surfaces using ray targeting. <i>Optics Communications</i> , 2013, 300, 100-107.	1.0	16
172	Enhancing the performance of fluorescence emission difference microscopy using beam modulation. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 125708.	1.0	23
173	Uniform illumination design by configuration of LEDs and optimization of LED lens for large-scale color-mixing applications. <i>Applied Optics</i> , 2013, 52, 3998.	0.9	20
174	Evanescent-wave-induced frequency shift for optical superresolution imaging. <i>Optics Letters</i> , 2013, 38, 2455.	1.7	26
175	Design of reflective color filters with high angular tolerance by particle swarm optimization method. <i>Optics Express</i> , 2013, 21, 9315.	1.7	44
176	Conceptual design of dedicated road lighting for city park and housing estate. <i>Applied Optics</i> , 2013, 52, 5272.	0.9	25
177	Axial nano-displacement measurement with high resolution and wide range based on asymmetrical illumination. <i>Optics Express</i> , 2013, 21, 7528.	1.7	3
178	A mathematical model of the single freeform surface design for collimated beam shaping. <i>Optics Express</i> , 2013, 21, 20974.	1.7	75
179	Multiview and light-field reconstruction algorithms for 360° multiple-projector-type 3D display. <i>Applied Optics</i> , 2013, 52, 4419.	0.9	25
180	Bending effects on lasing action of semiconductor nanowires. <i>Optics Express</i> , 2013, 21, 2024.	1.7	7

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181	Freeform illumination design: a nonlinear boundary problem for the elliptic Monge-Ampère equation. Optics Letters, 2013, 38, 229.	1.7	164
182	Optical super-resolution by subtraction of time-gated images. Optics Letters, 2013, 38, 1001.	1.7	12
183	Method to design two aspheric surfaces for imaging system. Applied Optics, 2013, 52, 2294.	0.9	9
184	Optical design for uniform color mixing illumination system. Proceedings of SPIE, 2013, , .	0.8	0
185	Time-gated stimulated emission depletion nanoscopy. Optical Engineering, 2013, 52, 093107.	0.5	25
186	32.2: 360-degree Floating Light Field Three-dimensional Display Based on a High-frame-rate Color Projector. Digest of Technical Papers SID International Symposium, 2013, 44, 404-407.	0.1	1
187	P.54: Light Field Integral Display Using LCD and Eye Tracking Technique. Digest of Technical Papers SID International Symposium, 2013, 44, 1195-1197.	0.1	0
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