

ByoungHo Lee

List of Publications by Year in descending order

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docs citations

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times ranked

9222
citing authors

#	ARTICLE	IF	CITATIONS
1	Spiral Metalens for Phase Contrast Imaging. <i>Advanced Functional Materials</i> , 2022, 32, 2106050.	14.9	46
2	Volumetric Head-Mounted Display With Locally Adaptive Focal Blocks. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2022, 28, 1415-1427.	4.4	4
3	Optical design of photometric techniques for specular reflection. <i>Optics and Lasers in Engineering</i> , 2022, 151, 106882.	3.8	2
4	Color curved hologram calculation method based on angle multiplexing. <i>Optics Express</i> , 2022, 30, 3157-3171.	3.4	6
5	Learning-based compensation of spatially varying aberrations for holographic display [Invited]. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2022, 39, A86.	1.5	5
6	Holographic techniques for augmented reality and virtual reality near-eye displays. <i>Light Advanced Manufacturing</i> , 2022, 3, 1.	5.1	34
7	Speckle Noise Suppression Algorithm of Holographic Display Based on Spatial Light Modulator. <i>Frontiers in Photonics</i> , 2022, 2, .	2.4	8
8	Off-axis camera-in-the-loop optimization with noise reduction strategy for high-quality hologram generation. <i>Optics Letters</i> , 2022, 47, 790.	3.3	7
9	High-contrast, speckle-free, true 3D holography via binary CGH optimization. <i>Scientific Reports</i> , 2022, 12, 2811.	3.3	34
10	Holographic optical elements for head-up display and near-eye display. , 2022, , .		0
11	Metasurface for imaging and AR/VR devices. , 2022, , .		0
12	Aberration correction in holographic displays. , 2022, , .		0
13	Wide field of view holographic tiled display through axially overlapped holographic projection. , 2022, , .		1
14	Multi-illumination 3D holographic display using a binary mask. <i>Optics Letters</i> , 2022, 47, 2482.	3.3	5
15	Expanding energy envelope in holographic display via mutually coherent multi-directional illumination. <i>Scientific Reports</i> , 2022, 12, 6649.	3.3	2
16	Accelerating a spatially varying aberration correction of holographic displays with low-rank approximation. <i>Optics Letters</i> , 2022, 47, 3175.	3.3	3
17	Design of highly perceptible dual-resonance all-dielectric metasurface colorimetric sensor via deep neural networks. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
18	Hybrid State Engineering of Phase Change Metasurface for All-Optical Cryptography. <i>Advanced Functional Materials</i> , 2021, 31, 2007210.	14.9	49

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19	Full Color Angular Filtering of Visible Transmission in Tapered Plasmonic Metamaterial. <i>Plasmonics</i> , 2021, 16, 115-121.	3.4	6
20	49.1: <i>Invited Paper:</i> Augmented reality image combiners using holographic optical elements. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 325-326.	0.3	0
21	42.3: Compact Design of Holographic Augmented Reality Display Using Bragg Grating Noise Filter and Holographic Lens. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 288-289.	0.3	0
22	3D printing-based mirrored image component for seamless modular curved-edge displays. <i>Optics Express</i> , 2021, 29, 14745.	3.4	0
23	Multi-depth hologram generation using stochastic gradient descent algorithm with complex loss function. <i>Optics Express</i> , 2021, 29, 15089.	3.4	53
24	Lenslet VR: Thin, Flat and Wide-FOV Virtual Reality Display Using Fresnel Lens and Lenslet Array. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 2545-2554.	4.4	39
25	Independent Multichannel Wavefront Modulation for Angle Multiplexed Meta- ϵ Holograms. <i>Advanced Optical Materials</i> , 2021, 9, 2100678.	7.3	31
26	Distortion corrected tomographic near-eye displays using light field optimization. <i>Optics Express</i> , 2021, 29, 27573.	3.4	2
27	Dielectric Metalens: Properties and Three-Dimensional Imaging Applications. <i>Sensors</i> , 2021, 21, 4584.	3.8	18
28	Vision-correcting holographic display: evaluation of aberration correcting hologram. <i>Biomedical Optics Express</i> , 2021, 12, 5179.	2.9	23
29	Compact tomographic near-eye display using a MEMS scanning mirror. <i>Optics Letters</i> , 2021, 46, 4176.	3.3	5
30	1: Invited Paper: Use of Deep Learning in Hologram Contents Generation. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 23-23.	0.3	0
31	Ultrahigh-definition volumetric light field projection. <i>Optics Letters</i> , 2021, 46, 4212.	3.3	3
32	Optimization of computer-generated holograms featuring phase randomness control. <i>Optics Letters</i> , 2021, 46, 4769.	3.3	24
33	Occlusion-capable see-through display without the screen-door effect using a photochromic mask. <i>Optics Letters</i> , 2021, 46, 4554.	3.3	5
34	Absorptive metasurface color filters based on hyperbolic metamaterials for a CMOS image sensor. <i>Optics Express</i> , 2021, 29, 3643.	3.4	18
35	Display Techniques for Augmented Reality and Virtual Reality. <i>Series in Display Science and Technology</i> , 2021, , 307-328.	0.6	3
36	Eye-box extended retinal projection type near-eye display with multiple independent viewpoints [Invited]. <i>Applied Optics</i> , 2021, 60, A268.	1.8	26

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37	Design Method of Holographic Mirror and Freeform Mirror for Automotive Augmented Reality Head-Up Display. , 2021, , .		1
38	Chirality-selective all-dielectric metasurface structural color display. Optics Express, 2021, 29, 41258.	3.4	13
39	Sectional hologram reconstruction through complex deconvolution. Optics and Lasers in Engineering, 2020, 127, 105945.	3.8	7
40	High-Speed Transmission Control in Gate-Tunable Metasurfaces Using Hybrid Plasmonic Waveguide Mode. Advanced Optical Materials, 2020, 8, 2001256.	7.3	25
41	Holographically Printed Freeform Mirror Array for Augmented Reality Near-Eye Display. IEEE Photonics Technology Letters, 2020, 32, 991-994.	2.5	14
42	33-Viewing Angle Enhanced DMD Holographic Display with Reduced Speckle Noise. Digest of Technical Papers SID International Symposium, 2020, 51, 474-477.	0.3	0
43	81: Holographic Near-Eye Display for Vision-Correcting Application. Digest of Technical Papers SID International Symposium, 2020, 51, 1660-1663.	0.3	1
44	Polarization-dependent asymmetric transmission using a bifacial metasurface. Nanoscale Horizons, 2020, 5, 1487-1495.	8.0	21
45	Light source optimization for partially coherent holographic displays with consideration of speckle contrast, resolution, and depth of field. Scientific Reports, 2020, 10, 18832.	3.3	18
46	FinSNet: End-to-End Separation of Overlapped Fingerprints Using Deep Learning. IEEE Access, 2020, 8, 209020-209029.	4.2	5
47	Metasurface optics for imaging applications. MRS Bulletin, 2020, 45, 202-209.	3.5	27
48	AutoSegNet: An Automated Neural Network for Image Segmentation. IEEE Access, 2020, , 1-1.	4.2	7
49	Full-Color-Tunable Nanophotonic Device Using Electrochromic Tungsten Trioxide Thin Film. Nano Letters, 2020, 20, 6084-6090.	9.1	63
50	Compact Augmented Reality Combiner Using Pancharatnam-Berry Phase Lens. IEEE Photonics Technology Letters, 2020, 32, 235-238.	2.5	16
51	Broadband wavelength demultiplexer using Fano-resonant metasurface. Nanophotonics, 2020, 9, 1015-1022.	6.0	7
52	Reconfigurable all-dielectric Fano metasurfaces for strong full-space intensity modulation of visible light. Nanoscale Horizons, 2020, 5, 1088-1095.	8.0	27
53	Wide-angle speckleless DMD holographic display using structured illumination with temporal multiplexing. Optics Letters, 2020, 45, 2148.	3.3	51
54	Holographic optical elements for augmented reality systems. , 2020, , .		5

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55	Retinal projection type lightguide-based near-eye display with switchable viewpoints. Optics Express, 2020, 28, 3116.	3.4	41
56	Doublet metalens design for high numerical aperture and simultaneous correction of chromatic and monochromatic aberrations. Optics Express, 2020, 28, 18059.	3.4	57
57	Foveated display system based on a doublet geometric phase lens. Optics Express, 2020, 28, 23690.	3.4	23
58	Deep neural network for multi-depth hologram generation and its training strategy. Optics Express, 2020, 28, 27137.	3.4	65
59	Aberration-corrected full-color holographic augmented reality near-eye display using a Pancharatnam-Berry phase lens. Optics Express, 2020, 28, 30836.	3.4	28
60	Extended-viewing-angle waveguide near-eye display with a polarization-dependent steering combiner. Optics Letters, 2020, 45, 2870.	3.3	32
61	Speckle reduced holographic displays using tomographic synthesis. Optics Letters, 2020, 45, 4686.	3.3	7
62	Toward the next-generation VR/AR optics: a review of holographic near-eye displays from a human-centric perspective. Optica, 2020, 7, 1563.	9.3	216
63	Dynamic phase-change metafilm absorber for strong designer modulation of visible light. Nanophotonics, 2020, 10, 713-725.	6.0	12
64	All-optical multilevel switching of GST metasurface. , 2020, , .		0
65	Holographic augmented reality near-eye display using Pancharatnam-Berry phase lens. , 2020, , .		0
66	Speckle reduced holographic displays using tomographic synthesis: publisher's note. Optics Letters, 2020, 45, 5040.	3.3	0
67	Kinetics of lipid raft formation at lipid monolayer-bilayer junction probed by surface plasmon resonance. Biosensors and Bioelectronics, 2019, 142, 111568.	10.1	7
68	Speckle Reduction for Holographic Display Using Optical Path Difference and Random Phase Generator. IEEE Transactions on Industrial Informatics, 2019, 15, 6170-6178.	11.3	25
69	Ultracompact meta-pixels for high colour depth generation using a bi-layered hybrid metasurface. Scientific Reports, 2019, 9, 15381.	3.3	5
70	46.1: Invited Paper: Near-Eye Display with Continuous Depth. Digest of Technical Papers SID International Symposium, 2019, 50, 503-503.	0.3	0
71	Progresses in the practical metasurface for holography and lens. Nanophotonics, 2019, 8, 1701-1718.	6.0	53
72	Single-Layer Bifacial Metasurface: Full-Space Visible Light Control. Advanced Optical Materials, 2019, 7, 1801748.	7.3	36

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73	Augmented reality near-eye display using Pancharatnam-Berry phase lenses. Scientific Reports, 2019, 9, 6616.	3.3	50
74	Tomographic near-eye displays. Nature Communications, 2019, 10, 2497.	12.8	59
75	Metasurface with Nanostructured $\text{Ge}_2\text{Sb}_2\text{Te}_5$ as a Platform for Broadband Operating Wavefront Switch. Advanced Optical Materials, 2019, 7, 1900171.	7.3	78
76	Curved holographic optical elements and applications for curved see-through displays. Journal of Information Display, 2019, 20, 9-23.	4.0	28
77	Single Grating Reflective Digital Holography With Double Field of View. IEEE Transactions on Industrial Informatics, 2019, 15, 6155-6161.	11.3	10
78	Gold-Nanocluster-Assisted Nanotransfer Printing Method for Metasurface Hologram Fabrication. Scientific Reports, 2019, 9, 3051.	3.3	10
79	Progress of display performances: AR, VR, QLED, OLED, and TFT. Journal of Information Display, 2019, 20, 1-8.	4.0	92
80	Broadband circular polarizer for randomly polarized light in few-layer metasurface. Scientific Reports, 2019, 9, 2543.	3.3	39
81	Recent advances in metasurface hologram technologies (Invited paper). ETRI Journal, 2019, 41, 10-22.	2.0	61
82	Special Issue on Digital Holographic 3D Imaging: Capture, Display, and Evaluation. ETRI Journal, 2019, 41, 7-9.	2.0	0
83	Tomographic projector. ACM Transactions on Graphics, 2019, 38, 1-13.	7.2	22
84	Continuous-depth augmented-reality display device. , 2019, , .		1
85	Compensation of spin-orbit interaction using the geometric phase of distributed nanoslits for polarization-independent plasmonic vortex generation. Optics Express, 2019, 27, 19119.	3.4	13
86	Optimal binary representation via non-convex optimization on tomographic displays. Optics Express, 2019, 27, 24362.	3.4	12
87	Selective photonic printing based on anisotropic Fabry-Perot resonators for dual-image holography and anti-counterfeiting. Optics Express, 2019, 27, 24512.	3.4	25
88	Holographically customized optical combiner for eye-box extended near-eye display. Optics Express, 2019, 27, 38006.	3.4	23
89	Dual-focal waveguide see-through near-eye display with polarization-dependent lenses. Optics Letters, 2019, 44, 1920.	3.3	38
90	Compact noise-filtering volume gratings for holographic displays. Optics Letters, 2019, 44, 2133.	3.3	22

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91	Plasmonic and metasurface nanostructures for optical imaging. , 2019, , .		0
92	Metasurface Devices for AR/VR. , 2019, , .		0
93	Light field compression with holography. , 2019, , .		0
94	Metasurface Holograms and Metalenses for AR/VR. , 2019, , .		0
95	See-through metalens for augmented reality near-eye display with ultrawide viewing angle. , 2019, , .		0
96	Angular and Polarization Multiplexed Metasurface for Flat Holographic Device. , 2019, , .		0
97	Multiwavelength Achromatic Metalens based on Quantized Phase Profile with Pixelated Nanostructure. , 2019, , .		0
98	15 focal planes head-mounted display using LED array backlight. , 2019, , .		0
99	Ultracompact Broadband Plasmonic Polarimeter. Laser and Photonics Reviews, 2018, 12, 1700297.	8.7	44
100	Foveated Retinal Optimization for See-Through Near-Eye Multi-Layer Displays. IEEE Access, 2018, 6, 2170-2180.	4.2	43
101	Nanofocusing of Toroidal Dipole for Simultaneously Enhanced Electric and Magnetic Fields Using Plasmonic Waveguide. Journal of Lightwave Technology, 2018, 36, 1882-1889.	4.6	6
102	Complete amplitude and phase control of light using broadband holographic metasurfaces. Nanoscale, 2018, 10, 4237-4245.	5.6	299
103	Color generation using multi-layered metasurfaces. , 2018, , .		0
104	Thickness and temperature dependency of variation of dielectric functions of phase-change VO2 film. , 2018, , .		0
105	Active Control of Optical Signal via Applied Bias Assisted by Nanoscale Metal-Dielectric Multilayers. , 2018, , .		0
106	3D Imaging Based on Depth Measurement Technologies. Sensors, 2018, 18, 3711.	3.8	20
107	One Shot 360-Degree Light Field Capture and Reconstruction with Depth Extraction Based on Optical Flow for Light Field Camera. Applied Sciences (Switzerland), 2018, 8, 890.	2.5	2
108	Metasurface eyepiece for augmented reality. Nature Communications, 2018, 9, 4562.	12.8	312

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109	Fast and robust misalignment correction of Fourier ptychographic microscopy for full field of view reconstruction. Optics Express, 2018, 26, 23661.	3.4	38
110	Enhancement and Switching of Fano Resonance in Metamaterial. Advanced Optical Materials, 2018, 6, 1800545.	7.3	46
111	Invited Paper: Accommodative AR HMD Using Birefringent Crystal. Digest of Technical Papers SID International Symposium, 2018, 49, 1056-1059.	0.3	0
112	Wavefront Aberration Compensation Method for Holographic Optical Element. Digest of Technical Papers SID International Symposium, 2018, 49, 1519-1522.	0.3	1
113	Printed cylindrical lens pair for application to the seam concealment in tiled displays. Optics Express, 2018, 26, 824.	3.4	9
114	Huygens™ optical vector wave field synthesis via in-plane electric dipole metasurface. Optics Express, 2018, 26, 10649.	3.4	3
115	Plasmonic metasurface cavity for simultaneous enhancement of optical electric and magnetic fields in deep subwavelength volume. Optics Express, 2018, 26, 13340.	3.4	8
116	Hybrid multi-layer displays providing accommodation cues. Optics Express, 2018, 26, 17170.	3.4	31
117	DC-free on-axis holographic display using a phase-only spatial light modulator. Optics Letters, 2018, 43, 3397.	3.3	25
118	Numerical and Experimental Study on Multi-Focal Metallic Fresnel Zone Plates Designed by the Phase Selection Rule via Virtual Point Sources. Applied Sciences (Switzerland), 2018, 8, 449.	2.5	17
119	Single-shot phase retrieval via Fourier ptychographic microscopy. Optica, 2018, 5, 976.	9.3	44
120	Holographic near-eye display with expanded eye-box. ACM Transactions on Graphics, 2018, 37, 1-14.	7.2	126
121	Dual-dimensional microscopy: real-time in vivo three-dimensional observation method using high-resolution light-field microscopy and light-field display. Journal of Biomedical Optics, 2018, 23, 1.	2.6	2
122	Simultaneous control of polarization and amplitude over broad bandwidth using multi-layered anisotropic metasurfaces. Optics Express, 2018, 26, 29826.	3.4	4
123	Electrically tunable multifunctional metasurface for integrating phase and amplitude modulation based on hyperbolic metamaterial substrate. Optics Express, 2018, 26, 32063.	3.4	14
124	Broadband efficient modulation of light transmission with high contrast using reconfigurable VO ₂ diffraction grating. Optics Express, 2018, 26, 34641.	3.4	16
125	Multiwavelength achromatic meta-lens based on multi-focal phase profile. , 2018, , .		1
126	Independent phase modulation of two polarization states with reflection-type metasurface. , 2018, , .		0

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127	Designed conversion of spin and orbital angular momentum. , 2018, , .		0
128	Display technologies for augmented reality. , 2018, , .		0
129	Hybrid light-field display. , 2018, , .		0
130	Reflective metasurface with a funnel shaped waveguide array for electromagnetic field enhancement. , 2018, , .		0
131	Holographic and light-field imaging for augmented reality. , 2017, , .		0
132	Active directional switching of surface plasmon polaritons using a phase transition material. Scientific Reports, 2017, 7, 43723.	3.3	36
133	Compact Generation of Airy Beams with C�Aperture Metasurface. Advanced Optical Materials, 2017, 5, 1601028.	7.3	81
134	Analysis and Implementation of Hologram Lenses for See-Through Head-Mounted Display. IEEE Photonics Technology Letters, 2017, 29, 82-85.	2.5	43
135	Retinal 3D. ACM Transactions on Graphics, 2017, 36, 1-13.	7.2	152
136	See-through optical combiner for augmented reality head-mounted display: index-matched anisotropic crystal lens. Scientific Reports, 2017, 7, 2753.	3.3	26
137	See-through 3D technology for augmented reality. Proceedings of SPIE, 2017, , .	0.8	0
138	Independent Phase Modulation of Transmitted and Reflected Light via Alignment-Free Bilayer Metasurface. , 2017, , .		0
139	Light Path Switching Through Metasurface Based on V-Shape Ge<inf>2</inf>Sb<inf>2</inf>Te<inf>5</inf> Antenna. , 2017, , .		0
140	Corrugation-assisted metal-coated angled fiber facet for wavelength-dependent off-axis directional beaming. Optics Express, 2017, 25, 8366.	3.4	13
141	Critical nanofocusing of magnetic dipole moment using a closed plasmonic tip. Optics Express, 2017, 25, 14077.	3.4	3
142	Broadband ultrathin circular polarizer at visible and near-infrared wavelengths using a non-resonant characteristic in helically stacked nano-gratings. Optics Express, 2017, 25, 14260.	3.4	30
143	Metallic Fresnel zone plate implemented on an optical fiber facet for super-variable focusing of light. Optics Express, 2017, 25, 30290.	3.4	38
144	Metamaterials and Metasurfaces for Sensor Applications. Sensors, 2017, 17, 1726.	3.8	174

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145	Layered Display with Accommodation Cue Using Scattering Polarizers. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 1223-1231.	10.8	16
146	Regularized Huygens's plasmonic wave field synthesis using a metal-clad plasmonic waveguide array. Optics Letters, 2017, 42, 3610.	3.3	1
147	See-through multi-projection three-dimensional display using transparent anisotropic diffuser. Optics Express, 2016, 24, 14138.	3.4	14
148	Compact three-dimensional head-mounted display system with Savart plate. Optics Express, 2016, 24, 19531.	3.4	51
149	Interferometric control of plasmonic resonator based on polarization-sensitive excitation of surface plasmon polaritons. Optics Express, 2016, 24, 21861.	3.4	2
150	Triple-slit nanoaperture for transmission enhancement of a cavity-aperture. Optics Express, 2016, 24, 22423.	3.4	3
151	Long-range 3D display using a collimated multi-layer display. Optics Express, 2016, 24, 23052.	3.4	0
152	Quantification of Stereopsis in Patients with Impaired Binocularity. Optometry and Vision Science, 2016, 93, 588-593.	1.2	4
153	Signal enhanced holographic fluorescence microscopy with guide-star reconstruction. Biomedical Optics Express, 2016, 7, 1271.	2.9	15
154	Computational multi-projection display. Optics Express, 2016, 24, 9025.	3.4	6
155	Viewing zone duplication of multi-projection 3D display system using uniaxial crystal. Optics Express, 2016, 24, 8458.	3.4	13
156	F-number matching method in light field microscopy using an elastic micro lens array. Optics Letters, 2016, 41, 2751.	3.3	11
157	Polarization-Independent Plasmon-Induced Transparency in a Symmetric Metamaterial. IEEE Photonics Technology Letters, 2016, 28, 2581-2584.	2.5	18
158	Additive light field displays. ACM Transactions on Graphics, 2016, 35, 1-13.	7.2	90
159	Near-field focus steering along arbitrary trajectory via multi-lined distributed nanoslits. Scientific Reports, 2016, 6, 33317.	3.3	14
160	Holographic display for see-through augmented reality using mirror-lens holographic optical element. Optics Letters, 2016, 41, 2486.	3.3	176
161	Viewing angle enhancement of an integral imaging display using Bragg mismatched reconstruction of holographic optical elements. Applied Optics, 2016, 55, A95.	2.1	21
162	Maximum and minimum amplitudes of the moiré patterns in one- and two-dimensional binary gratings in relation to the opening ratio. Optics Express, 2016, 24, 2905.	3.4	17

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163	A double-lined metasurface for plasmonic complex-field generation. Laser and Photonics Reviews, 2016, 10, 299-306.	8.7	38
164	Plasmonic color tuning. Proceedings of SPIE, 2016, , .	0.8	0
165	Directional switching of surface plasmon polaritons by VO ₂ -gold hybrid antennas. Proceedings of SPIE, 2016, , .	0.8	0
166	Plasmonic Directional Beam Switching With Tilted Nanoslit Array Surrounded By Gratings. Journal of Lightwave Technology, 2016, 34, 1368-1372.	4.6	5
167	Recent progress in see-through three-dimensional displays using holographic optical elements [Invited]. Applied Optics, 2016, 55, A71.	2.1	70
168	Near-Complete Radiation of Plasmonic Mode From Nano-Slit to Free Space. Journal of Lightwave Technology, 2016, 34, 2251-2255.	4.6	1
169	An Influence of Groundwater Flow on Performance of Closed Borehole Heat Exchangers (Part-2). Journal of Soil and Groundwater Environment, 2016, 21, 114-127.	0.1	0
170	Three-dimensional/two-dimensional convertible projection screen using see-through integral imaging based on holographic optical element. Applied Optics, 2015, 54, 8856.	2.1	24
171	Real-mode depth-fused display with viewer tracking. Optics Express, 2015, 23, 26710.	3.4	8
172	36.5L: <i>Late News Paper</i>: Multi-Projection 3D Display with Dual Projection System using Uniaxial Crystal. Digest of Technical Papers SID International Symposium, 2015, 46, 538-541.	0.3	0
173	New Stereoacuity Test Using a 3-Dimensional Display System in Children. PLoS ONE, 2015, 10, e0116626.	2.5	14
174	Compact multi-projection 3D display system with light-guide projection. Optics Express, 2015, 23, 28945.	3.4	16
175	Space bandwidth product enhancement of holographic display using high-order diffraction guided by holographic optical element. Optics Express, 2015, 23, 33170.	3.4	28
176	Crosstalk-Reduced Dual-Mode Mobile 3D Display. Journal of Display Technology, 2015, 11, 97-103.	1.2	17
177	Lens customization method to minimize aberration in integral imaging. , 2015, , .		0
178	Spin-Direction Control of High-Order Plasmonic Vortex With Double-Ring Distributed Nanoslits. IEEE Photonics Technology Letters, 2015, 27, 705-708.	2.5	41
179	Glasses-free randot stereotest. Journal of Biomedical Optics, 2015, 20, 1.	2.6	6
180	Holographic fluorescence microscopy with incoherent digital holographic adaptive optics. Journal of Biomedical Optics, 2015, 20, 111204.	2.6	18

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181	Grating decoupler of channel plasmon polariton waveguide for optical intergrated circuit application. , 2015, , .		0
182	Detection of blood flow using laser speckle contrast imaging with dual wavelengths. , 2015, , .		0
183	Analysis of the pickup and display property of integral floating microscopy. Journal of Information Display, 2015, 16, 143-153.	4.0	2
184	3D imaging using lens array and incoherent light. , 2015, , .		0
185	Polarization-sensitive coherent plasmon cavity. Proceedings of SPIE, 2015, , .	0.8	0
186	Plasmonic meta-slit: shaping and controlling near-field focus. Optica, 2015, 2, 6.	9.3	95
187	Polarization-sensitive plasmonic hot spot tuning with nanoslit arrays. Proceedings of SPIE, 2015, , .	0.8	0
188	Plasmonic cavity-apertures as dynamic pixels for the simultaneous control of colour and intensity. Nature Communications, 2015, 6, 7133.	12.8	47
189	Complete tunneling through the surface mode in a metal-insulator-metal waveguide. Journal of the Korean Physical Society, 2015, 66, 929-934.	0.7	1
190	Accelerated synthesis algorithm of polygon computer-generated holograms. Optics Express, 2015, 23, 2863.	3.4	39
191	Double bi-material cantilever structures for complex surface plasmon modulation. Optics Express, 2015, 23, 5500.	3.4	4
192	Plasmonic achromatic doublet lens. Optics Express, 2015, 23, 5800.	3.4	8
193	Reflectionless compact plasmonic waveguide mode converter by using a mode-selective cavity. Optics Express, 2015, 23, 9004.	3.4	12
194	Implementation of active-type Lamina 3D display system. Optics Express, 2015, 23, 15848.	3.4	13
195	Polarization-multiplexed plasmonic phase generation with distributed nanoslits. Optics Express, 2015, 23, 15598.	3.4	35
196	Near-infrared coherent perfect absorption in plasmonic metal-insulator-metal waveguide. Optics Express, 2015, 23, 24464.	3.4	34
197	Liquid crystal-based lenticular lens array with laterally shifting capability of the focusing effect for autostereoscopic displays. Optics Communications, 2015, 357, 52-57.	2.1	19
198	Multi-view 3D display using waveguides. , 2015, , .		0

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199	Overview of Micro- and Nano-Structured Surface Plasmon Resonance Fiber Sensors. Springer Series in Surface Sciences, 2015, , 335-354.	0.3	0
200	Calibration Method for the Panel-type Multi-view Display. Journal of the Optical Society of Korea, 2015, 19, 477-486.	0.6	2
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596	Multiple viewing zone three-dimensional integral imaging using a dynamic barrier array. , 0, , .		0
597	Dispersion-order-selectable chromatic dispersion compensation module based on non-uniformly compressed fiber grating. , 0, , .		0
598	Study on the monitoring of resin flow and curing in the vacuum assisted resin transfer molding process using a long-period fiber bragg grating. , 0, , .		0
599	Wavelength switching in fiber ring laser using spectral polarization-dependent transmission element. , 0, , .		0
600	Three-dimensional image recognition and display using lens arrays. , 0, , .		0
601	Depth-enhanced integral imaging with a stepped lens array or a composite lens array for three-dimensional display. , 0, , .		0
602	Elemental image correction in integral imaging for three-dimensional display. , 0, , .		0
603	Phase response design of a tunable filter using polarization differential delay time. , 0, , .		0
604	Depth-enhanced integral imaging using two parallel display devices. , 0, , .		0
605	Simultaneous pickup in real and virtual fields for 3D/2D convertible display based on integral imaging. , 0, , .		0
606	Viewing-angle-enhanced floating display system based on integral imaging. , 0, , .		0