Xiao-Wei Li

List of Publications by Year in Descending Order

174 papers	869 citations	15 h-index	22 g-index
179 ext. papers	1,034 ext. citations	1.7 avg, IF	4.62 L-index

#	Paper	IF	Citations
174	Integral Imaging Based Optical Image Encryption Using CA-DNA Algorithm. *IEEE Photonics Journal*, **2021**, 13, 1-12	1.8	2
173	P-81: Electrically Tunable GRIN Liquid-Crystal Lenticular Lens Array with Short Focal Length. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 1384-1386	0.5	
172	48-4: Invited Paper: High-resolution Integral Imaging 3D Display System. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 665-668	0.5	
171	Multi-View 2D/3D Switchable Display with Cylindrical Liquid Crystal Lens Array. *Crystals*, **2021**, 11, 715	2.3	5
170	A blue phase liquid crystal Fresnel lens with large transverse electric field component. *Liquid Crystals*, **2021**, 48, 607-615	2.3	1
169	Liquid crystal lenticular lens array with extended aperture by using gradient refractive index compensation. *Liquid Crystals*, **2021**, 48, 378-384	2.3	2
168	56.3: Depth-enhanced See-through Integral Imaging 3D Display System. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 412-412	0.5	
167	P-3.1: Optical see-through near-eye 3D display based on holographic lens 4f system. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 477-477	0.5	
166	P-8.3: Fast Generation Method for Hologram Based on Field of View. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 561-561	0.5	
165	49.2: Invited Paper: Light field 3D display technology based on integral imaging. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 593-593	0.5	0
164	P-3.1: Wide-viewing-angle Holographic Near-eye Display Method Based on Curved Computer-generated Hologram. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 716-716	0.5	
163	5: Elemental image array generation for tabletop integral imaging 3D display. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 30-30	0.5	
162	P-73: Depth-enhanced Integral Imaging Display System based on Transmissive Mirror Device. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1619-1622	0.5	
161	P-75: Tabletop Integral Imaging 3D Display with Annular Viewing Zone. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1627-1630	0.5	
160	Method of Speckle Noise Suppression for Holographic Zoom Display Based on Layered-Pixel-Scanning Algorithm. *IEEE Access*, **2020**, 8, 102128-102137	3.5	1
159	Short focal length tunable liquid crystal lenticular lens array based on fringe field effect. *Journal of the Society for Information Display*, **2020**, 28, 793-800	2.1	1
158	Dual-View Integral Imaging System With Wide Viewing Angle And High Spatial Resolution. *IEEE Photonics Journal*, **2020**, 12, 1-11	1.8	1

157	A single-cell-gap transflective blue-phase liquid crystal display based on fringe in-plane switching electrodes. *Journal of the Society for Information Display*, **2020**, 28, 759-766	2.1	
156	Multiple-image encryption based on optical scanning holography using orthogonal compressive sensing and random phase mask. *Optical Engineering*, **2020**, 59, 1	1.1	3
155	Adaptive nematic liquid crystal lens array with resistive layer. *Liquid Crystals*, **2020**, 47, 563-571	2.3	13
154	Method to suppress speckle noise using time multiplexing in phase-only holographic display. *Journal of the Society for Information Display*, **2020**, 28, 641-647	2.1	3
153	Reflective blue phase liquid crystal display with triangular dielectric layer. *Liquid Crystals*, **2020**, 47, 1019-1024	2.3	0
152	P-139: Double-side In-plane-switching Electrode Blue-phase Liquid Crystal Display with Permittivity Protrusion. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1901-1903	0.5	
151	Transflective liquid crystal display using regular flat square electrodes. *Liquid Crystals*, **2020**, 47, 1844-1851	2.3	
150	P-62: Effect of Viewpoints of Integral Image 3D display on Human Eye Accommodation Response. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1576-1579	0.5	
149	Large zooming range adaptive microscope employing tunable objective and eyepiece. *Scientific Reports*, **2020**, 10, 14644	4.9	3
148	Real-time and ultrahigh accuracy image synthesis algorithm for full field of view imaging system. *Scientific Reports*, **2020**, 10, 12389	4.9	2
147	Short-focus nematic liquid crystal microlens array with a dielectric layer. *Liquid Crystals*, **2020**, 47, 76-82	2.3	11
146	Holographic display technology based on liquid crystal device. *Journal of the Society for Information Display*, **2020**, 28, 136-147	2.1	3
145	Simulation study of single-cell-gap transflective liquid crystal display with nonuniform potential. *Journal of the Society for Information Display*, **2020**, 28, 148-156	2.1	
144	Review on tabletop true 3D display. *Journal of the Society for Information Display*, **2020**, 28, 75-91	2.1	12
143	Double-layer liquid crystal lens array with composited dielectric layer. *Liquid Crystals*, **2020**, 47, 248-254	2.3	6
142	Transflective blue-phase liquid crystal display with dielectric protrusion. *Liquid Crystals*, **2019**, 46, 1353-1358	2.3	4
141	Optofluidic lens based on electrowetting liquid piston. *Scientific Reports*, **2019**, 9, 13062	4.9	10
140	Optofluidic variable optical path modulator. *Scientific Reports*, **2019**, 9, 7082	4.9	7

139	Asymmetric Cryptosystem Using Improved Equal Modulus Decomposition in Cylindrical Diffraction Domain. *IEEE Access*, **2019**, 7, 66234-66241	3.5	7
138	P-82: Viewing-Angle Enhanced 3D Display Based on Lens Array Holographic Optical element. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1543-1546	0.5	
137	P-84: A Method to Suppress the Speckle Noise of the Holographic Display Using Spatiotemporal Multiplexing Technology. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1549-1552	0.5	
136	P-91: Tunable Blue Phase Liquid Crystal Lens Array Using Composite Dielectric Layer. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1580-1582	0.5	
135	P-99: Method to Reduce Ringing Artifact in Holographic Projection. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1627-1629	0.5	
134	Generation of Phase-Only Holograms Based on Aliasing Reuse and Application in Holographic See-Through Display System. *IEEE Photonics Journal*, **2019**, 11, 1-11	1.8	2
133	35-2: 3D/2D Switchable Display System Based on Integral Imaging. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 485-488	0.5	
132	P-151: High Reflectance Blue Phase LCoS with Positive and Negative Alternating Electrode. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1800-1801	0.5	
131	Color holographic display system based on utilization of effective viewing area. *Journal of the Society for Information Display*, **2019**, 27, 646-653	2.1	
130	Adjustable Optical Slit Based on the Phase Type Spatial Light Modulator. *IEEE Photonics Journal*, **2019**, 11, 1-8	1.8	1
129	Measurement and analysis on the accommodation responses to real-mode, virtual-mode, and focused-mode integral imaging display. *Journal of the Society for Information Display*, **2019**, 27, 427-433	2.1	5
128	A multidirectional beam steering reflector actuated by hydraulic control. *Scientific Reports*, **2019**, 9, 5086	4.9	2
127	A simple transflective liquid crystal display with composite dielectric layer. *Liquid Crystals*, **2019**, 46, 1790-1798	2.3	4
126	High-Performance Dual-View 3-D Display System Based on Integral Imaging. *IEEE Photonics Journal*, **2019**, 11, 1-12	1.8	9
125	A broadband achromatic metalens array for integral imaging in the visible. *Light: Science and Applications*, **2019**, 8, 67	16.7	92
124	A Fast Computer-Generated Holographic Method for VR and AR Near-Eye 3D Display. *Applied Sciences (Switzerland)*, **2019**, 9, 4164	2.6	5
123	Copyright Protection for Holographic Video Using Spatiotemporal Consistent Embedding Strategy. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 6187-6197	11.9	9
122	Deep Learning for Improving the Robustness of Image Encryption. *IEEE Access*, **2019**, 7, 181083-181091	3.5	12

121	14.3: See-through 2D/3D Compatible Display Based on Integral Imaging. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 140-143	0.5	
120	P-11.6: A blue phase liquid crystal lens with large tunable focal length range using different birefringence materials. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 920-920	0.5	
119	P-4.1: Image quality improvement in random phase-free kinoforms. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 700-701	0.5	
118	A single-cell-gap transflective liquid crystal display with a vertically aligned cell. *Liquid Crystals*, **2019**, 46, 1183-1190	2.3	3
117	A blue-phase liquid crystal lens array based on dual square ring-patterned electrodes. *Liquid Crystals*, **2019**, 46, 1266-1272	2.3	9
116	Optofluidic Zoom System Using Liquid Optical Path Switchers. *IEEE Photonics Technology Letters*, **2018**, 30, 883-886	2.2	3
115	A transflective polymer-stabilised blue-phase liquid display with partitioned wall-shaped electrodes. *Liquid Crystals*, **2018**, 45, 1259-1263	2.3	19
114	Transflective blue-phase liquid crystal display with polar opposite electrodes. *Liquid Crystals*, **2018**, 45, 1535-1539	2.3	8
113	Low voltage and high transmittance transflective blue-phase liquid crystal display with opposite polar electrodes. *Liquid Crystals*, **2018**, 45, 410-414	2.3	13
112	A multifunctional blue phase liquid crystal lens based on multi-electrode structure. *Liquid Crystals*, **2018**, 45, 491-497	2.3	13
111	A polarisation-independent blue-phase liquid crystal lens array using gradient electrodes. *Liquid Crystals*, **2018**, 45, 715-720	2.3	24
110	Elemental image array generation method by using optimized depth image-based rendering algorithm for integral imaging display. *Journal of the Society for Information Display*, **2018**, 26, 419-426	2.1	3
109	P-149: A Polarization-independent Blue Phase Liquid Crystal Lens Array with Multi-electrode. *Digest of Technical Papers SID International Symposium*, **2018**, 49, 1725-1727	0.5	
108	P-106: Zoom Holographic Display Using Liquid Lens. *Digest of Technical Papers SID International Symposium*, **2018**, 49, 1614-1615	0.5	
107	Electrowetting actuated liquid prism with large steering angle based on additional gravitational effects. *Journal of the Society for Information Display*, **2018**, 26, 407-412	2.1	3
106	Optical image encryption using chaos-based compressed sensing and phase-shifting interference in fractional wavelet domain. *Optical Review*, **2018**, 25, 46-55	0.9	23
105	Image Encryption Using Compressive Sensing and Detour Cylindrical Diffraction. *IEEE Photonics Journal*, **2018**, 10, 1-14	1.8	13
104	An Image Encryption Scheme of Logistic Modulation Using Computer-Generated Hologram and Chaotic Map. *Journal of Electrical and Computer Engineering*, **2018**, 2018, 1-6	1.9	2

103	P-86: Multi-view-zone 3D Display System Based on Integral Imaging. *Digest of Technical Papers SID International Symposium*, **2018**, 49, 1507-1510	0.5	
102	A transflective blue-phase liquid crystal display with alternate electrodes. *Liquid Crystals*, **2017**, 44, 1316-1320	2.3	25
101	Hybrid tunable lens for eliminating optical aberration and enlarging optical power. *Journal of the Society for Information Display*, **2017**, 25, 331-336	2.1	2
100	P-167: A High Transmittance Blue-Phase Liquid Crystal Display with Opposite Polar Electrodes. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1907-1909	0.5	
99	P-92: A Holographic Display System with Suppressed Speckle Noise. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1596-1598	0.5	
98	Color holographic system without undesirable light based on area sampling of digital lens. *Journal of the Society for Information Display*, **2017**, 25, 458-463	2.1	1
97	Pixel mask-based three-dimensional display with uniform resolution. *Optical Engineering*, **2017**, 56, 073105	1.1	
96	P-96: Autostereoscopic Three-dimensional Display Based on Sparse Lenticular Lens Sheet. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1610-1612	0.5	
95	P-99: Occluded Three-dimensional Object Display Algorithm Using Fourier Spectrum in Integral Imaging. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1621-1623	0.5	
94	P-100: Approach on Two-Step 3D Warping with Background Filling for Multi-View Autostereoscopic Display. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1624-1626	0.5	1
93	P-101: Method of Accelerated Elemental Image Array Generation for Integral Imaging Display. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1627-1629	0.5	2
92	P-110: A Large-Area Optical Switch Based on Electrowetting. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 1673-1675	0.5	
91	Speckle noise suppression method in holographic display using time multiplexing. *Optical Engineering*, **2017**, 56, 063107	1.1	8
90	A polarisation-independent blue-phase liquid crystal microlens using an optically hidden dielectric structure. *Liquid Crystals*, **2017**, 44, 643-647	2.3	19
89	Electrowetting optical switch with large aperture tuning range. *Journal of the Society for Information Display*, **2017**, 25, 725-730	2.1	2
88	1 2 4 optical switch based on electrowetting. *Journal of the Society for Information Display*, **2017**, 25, 583-588	2.1	4
87	Single-channel optical encryption of color image using chessboard grating and diffraction imaging scheme. *Optical Engineering*, **2017**, 56, 1	1.1	3
86	80-1: An Integral Imaging Display Based on a Micro Liquid Lens Array. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1068-1070	0.5	1

85	Human fusion range for polarized 3D display. *Journal of the Society for Information Display*, **2016**, 24, 198-203	2.1	2
84	Integral Imaging Pickup Method With Extended Depth-of-Field by Gradient-Amplitude Modulation. *Journal of Display Technology*, **2016**, 12, 1205-1211		3
83	Optical Switchable Electrowetting Lens. *IEEE Photonics Technology Letters*, **2016**, 28, 1505-1508	2.2	7
82	P-68: Dual-Side Floating Autostereoscopic 3D Display Based on Micro-Prism Array and Lenticular Sheet. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1392-1394	0.5	
81	P-80: Color Holographic Magnification System Using Spatial Light Modulators. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1430-1432	0.5	
80	Low-voltage and high-transmittance blue-phase liquid crystal display with concave electrode. *Liquid Crystals*, **2016**, 43, 535-539	2.3	9
79	Magnified augmented reality 3D display based on integral imaging. *Optik*, **2016**, 127, 4250-4253	2.5	9
78	Adjustable Aperture Based on the Phase Modulation of Spatial Light Modulator. *Journal of Display Technology*, **2016**, 12, 447-450		5
77	P-28: A Method of Holographic Encryption Based on Hash Function. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1228-1230	0.5	
76	P-79: A Multi-Plane Holographic Display System without Undesirable Light. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1427-1429	0.5	
75	P-85: Color Holographic Display System Based On Liquid Crystal Lens. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1443-1445	0.5	
74	P-86: Viewing-Angle-Enhanced Integral Imaging Display using Composite Micro-Lens Array. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1446-1448	0.5	
73	Color holographic magnification system based on spatial light modulators. *Journal of the Society for Information Display*, **2016**, 24, 125-130	2.1	2
72	P-120: High Transmittance Blue-Phase Liquid Crystal Display with Alternate Corrugated Electrode. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1573-1575	0.5	0
71	P-27: An Optical Zoom Method Based On Spatial Light Modulator. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1225-1227	0.5	1
70	P-119: A Low Voltage Blue-phase Liquid Crystal Display with Concave Electrode. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1570-1572	0.5	3
69	A high optical efficiency 3D/2D convertible integral imaging display. *Journal of the Society for Information Display*, **2016**, 24, 85-89	2.1	4
68	P-82: Refocusing Algorithm in Integral Imaging Display with Tunable Central Depth Plane. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1436-1439	0.5	1

67	P-178: Holographic Magnification System Based on Fresnel Diffraction. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1811-1813	0.5	
66	A method of holographic magnification based on Fresnel diffraction. *Journal of the Society for Information Display*, **2016**, 24, 355-359	2.1	1
65	19-1: Planar Parallax Based Camera Array Calibration Method for Integral Imaging Three-dimensional Information Acquirement. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 219-222	0.5	4
64	P-81: A Holographic Zoom System Based on Liquid Lens. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 1433-1435	0.5	
63	Low voltage blue-phase liquid crystal display with triple-penetrating fringe fields. *Liquid Crystals*, **2015**, 42, 41-45	2.3	11
62	High transmittance blue-phase liquid crystal display with improved protrusion electrodes. *Liquid Crystals*, **2015**, 42, 481-485	2.3	8
61	Liquid Optical Switch Based on Total Internal Reflection. *IEEE Photonics Technology Letters*, **2015**, 27, 2091-2094	2.2	9
60	Round-view autostereoscopic display based on an adaptive subpixel pre-rendering tracking algorithm. *Optik*, **2015**, 126, 5566-5569	2.5	
59	A method of chromatic aberration compensation in holographic projection display based on a single spatial light modulator. *Journal of the Society for Information Display*, **2015**, 23, 14-18	2.1	3
58	P-122: Liquid Optical Switch Based on Total Reflection. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1624-1626	0.5	
57	P-112: A Wavelength Converter Based on Electrowetting. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1588-1591	0.5	
56	Relationship between phoria and visual fatigue in autostereoscopic 3D displays. *Journal of the Society for Information Display*, **2015**, 23, 277-283	2.1	2
55	P-80: Multiple Orthographic Image Interleaving for Generating Tilted Elemental Image Array with an Arbitrary Angle Directly. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1444-1447	0.5	
54	P-75: Autostereoscopic 3D Projection Display with Low Crosstalk. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1424-1426	0.5	2
53	30.2: Color Holographic Projection Based on Liquid Lens. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 435-437	0.5	2
52	Relationship between age differences and display parameters on visual comfort for autostereoscopic display. *Journal of the Society for Information Display*, **2015**, 23, 69-75	2.1	
51	P-96: Blue Phase Dual-View Liquid Crystal Display Based on Patterned Electrodes. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1517-1519	0.5	
50	P-72: Non-Unified Elemental Image Array Generation Method for Moir□Reduced Integral Imaging System. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1413-1416	0.5	

49	P-142: A Method of Chromatic Aberration Compensation in Holography by using Fourier Transform Principle. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1723-1725	0.5	
48	RGB converter based on liquid prism. *Journal of the Society for Information Display*, **2015**, 23, 36-40	2.1	
47	P-71: A 3D/2D Convertible Integral Imaging Display with High Optical Efficiency. *Digest of Technical Papers SID International Symposium*, **2015**, 46, 1410-1412	0.5	
46	Glasses-Free Three-Dimensional Display Based on Microsphere-Lens Array. *Journal of Display Technology*, **2015**, 11, 292-295		2
45	Depth-enhanced integral imaging system based on spatial filtering. *Journal of Information Display*, **2015**, 16, 85-88	4.1	
44	Polarizer Parallax Barrier 3D Display With High Brightness, Resolution and Low Crosstalk. *Journal of Display Technology*, **2014**, 10, 120-124		7
43	Mirror Reflector Actuated by Liquid Droplet. *IEEE Photonics Technology Letters*, **2014**, 26, 1077-1080	2.2	7
42	Multiple Orthographic Frustum Combing for Real-Time Computer-Generated Integral Imaging System. *Journal of Display Technology*, **2014**, 10, 704-709		16
41	Multiple elemental image mapping for resolution-enhanced orthographic view image generation based on integral imaging. *Journal of the Society for Information Display*, **2014**, 22, 487-492	2.1	3
40	Blue phase dual-view liquid crystal display based on directional backlight system. *Journal of the Society for Information Display*, **2014**, 22, 652-657	2.1	0
39	Visual experience for autostereoscopic 3D projection display. *Journal of the Society for Information Display*, **2014**, 22, 493-498	2.1	3
38	A Frontal Multi-Projection Autostereoscopic 3D Display Based on a 3D-Image-Guided Screen. *Journal of Display Technology*, **2014**, 10, 882-886		6
37	P-107: Spatial-Multiplexed Dual-View Display Using Blue Phase Liquid Crystal. *Digest of Technical Papers SID International Symposium*, **2014**, 45, 1389-1391	0.5	3
36	Viewing-angle-enhanced integral imaging system using high-refractive-index medium and curved micro-lens array. *Journal of the Society for Information Display*, **2014**, 22, 153-157	2.1	7
35	Accommodation and convergence in integral imaging 3D display. *Journal of the Society for Information Display*, **2014**, 22, 158-162	2.1	9
34	P-83: Large Depth Integral Imaging Using Piano-Convex Micro-Lens Array and Flat-Panel Array. *Digest of Technical Papers SID International Symposium*, **2014**, 45, 1295-1297	0.5	
33	P-46: Real-time Computer-Generated Integral Imaging System Based on Multiple Orthographic Frustum Combining. *Digest of Technical Papers SID International Symposium*, **2014**, 45, 1145-1148	0.5	
32	Adjustable Optical Slit Based on Electrowetting. *IEEE Photonics Technology Letters*, **2013**, 25, 2423-2426	2.2	7

31	Fluidic Optical Switch by Pneumatic Actuation. *IEEE Photonics Technology Letters*, **2013**, 25, 338-340	2.2	9
30	Electrowetting-Based Liquid Iris. *IEEE Photonics Technology Letters*, **2013**, 25, 989-991	2.2	11
29	Liquid Crystal Microlens Array Using Double Lenticular Electrodes. *Journal of Display Technology*, **2013**, 9, 814-818		5
28	Time-Multiplexed Dual-View Display Using a Blue Phase Liquid Crystal. *Journal of Display Technology*, **2013**, 9, 87-90		28
27	Viewing angle enhanced integral imaging display based on double-micro-lens array. *Journal of the Society for Information Display*, **2013**, 21, 289-294	2.1	4
26	Relationship between parallax and spatial resolution on visual comfort of an autostereoscopic display. *Journal of the Society for Information Display*, **2013**, 21, 305-309	2.1	4
25	Double-viewing-zone integral imaging 3D display without crosstalk based on a tilted barrier array. *Journal of the Society for Information Display*, **2013**, 21, 198-202	2.1	4
24	P.46: Enhanced Single Viewing Zone Integral Imaging Display Based on Medium Packing Technique. *Digest of Technical Papers SID International Symposium*, **2013**, 44, 1167-1169	0.5	
23	P.81: A Time-Multiplexed Dual-View Display Using Blue Phase Liquid Crystal. *Digest of Technical Papers SID International Symposium*, **2013**, 44, 1290-1292	0.5	
22	Three-dimensional interaction and autostereoscopic display system using gesture recognition. *Journal of the Society for Information Display*, **2013**, 21, 203-208	2.1	6
21	P.47: Integral Imaging Display Based on Space-Multiplexed Elemental Image Array. *Digest of Technical Papers SID International Symposium*, **2013**, 44, 1170-1172	0.5	
20	A viewing-angle-controllable blue-phase liquid-crystal display. *Journal of the Society for Information Display*, **2012**, 20, 337	2.1	2
19	Crosstalk-Free Integral Imaging Display With Wide Viewing Angle Using Periodic Black Mask. *Journal of Display Technology*, **2012**, 8, 634-638		28
18	2D/3D Switchable Autostereoscopic Display Based on Polymer-Stabilized Blue-Phase Liquid Crystal Lens. *Journal of Display Technology*, **2012**, 8, 609-612		19
17	An Autostereoscopic 3D Projection Display Based on a Lenticular Sheet and a Parallax Barrier. *Journal of Display Technology*, **2012**, 8, 397-400		19
16	35.2: Generation method of orthoscopic elemental image array from a sparse camera array. *Digest of Technical Papers SID International Symposium*, **2012**, 43, 463-466	0.5	1
15	P-86: A Viewing Angle Controllable Blue-phase Liquid Crystal Display. *Digest of Technical Papers SID International Symposium*, **2012**, 43, 1386-1388	0.5	
14	Optical switch based on electrowetting liquid lens. *Journal of Applied Physics*, **2012**, 111, 103103	2.5	14

13	Viewing angle switchable blue-phase liquid crystal display with low voltage and high transmittance. *Journal of the Society for Information Display*, **2012**, 20, 692-696	2.1	2
12	Cross-talk reduction by correcting the subpixel position in a multiview autostereoscopic three-dimensional display based on a lenticular sheet. *Applied Optics*, **2011**, 50, B1-5	0.2	19
11	Realization of Undistorted and Orthoscopic Integral Imaging Without Black Zone in Real and Virtual Fields. *Journal of Display Technology*, **2011**, 7, 255-258		9
10	Image Processing to Eliminate Crosstalk Between Neighboring View Images in Three-Dimensional Lenticular Display. *Journal of Display Technology*, **2011**, 7, 443-447		26
9	P-1: An Integral Imaging Display With Wide Viewing Angle. *Digest of Technical Papers SID International Symposium*, **2011**, 42, 1095-1097	0.5	2
8	P-147: A Fast Response Time and Wide-Viewing-Angle Transflective Display Using Polymer-Stabilized Blue-Phase Liquid Crystal. *Digest of Technical Papers SID International Symposium*, **2011**, 42, 1661-1663	0.5	
7	Stereoscopic Perceptual Video Coding Based on Just-Noticeable-Distortion Profile. *IEEE Transactions on Broadcasting*, **2011**, 57, 572-581	4.7	19
6	Pixel Arrangement of Autostereoscopic Liquid Crystal Displays Based on Parallax Barriers. *Molecular Crystals and Liquid Crystals*, **2009**, 507, 67-72	0.5	15
5	Edge-Lighting Light Guide Plate Based on Micro-Prism for Liquid Crystal Display. *Journal of Display Technology*, **2009**, 5, 355-357		12
4	41.4: An Autostereoscopic 3D Projector Based on Two Parallax Barriers. *Digest of Technical Papers SID International Symposium*, **2009**, 40, 619	0.5	1
3	Multilayer Dielectric Color Filters for Optically Written Display Using Up-Conversion of Near Infrared Light. *Journal of Display Technology*, **2008**, 4, 250-253		7
2	Compact integral imaging 2D/3D compatible display based on liquid crystal micro-lens array. *Liquid Crystals*,1-11	2.3	1
1	Optical sensor for butylamine vapour based on the photonic structure infiltrated by liquid crystal. *Liquid Crystals*,1-7	2.3	