

# Yikai Su

## List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Large Depth of Range Maxwellian-Viewing SMV Near-Eye Display Based on a Pancharatnam-Berry Optical Element. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	4
2	Complementary Polarization-Diversity Coherent Receiver for Self-Coherent Homodyne Detection With Rapid Polarization Tracking. Journal of Lightwave Technology, 2022, 40, 2773-2779.	4.6	14
3	Mode and Polarization Division Multiplexing Based on Silicon Nitride Loaded Lithium Niobate on Insulator Platform (Laser Photonics Rev. 16(1)/2022). Laser and Photonics Reviews, 2022, 16, .	8.7	6
4	Silicon-integrated high-speed mode and polarization switch-and-selector. Journal of Semiconductors, 2022, 43, 022301.	3.7	8
5	All-optical silicon microring spiking neuron. Photonics Research, 2022, 10, 939.	7.0	23
6	Graphene plasmonic spatial light modulator for reconfigurable diffractive optical neural networks. Optics Express, 2022, 30, 12712.	3.4	6
7	3D-visual fatigue-free AR displays. , 2022, , .		1
8	Deep-learning-enabled high-performance full-field direct detection with dispersion diversity. Optics Express, 2022, 30, 11767.	3.4	12
9	Asymmetric Topological Valley Edge States on Silicon-On-Insulator Platform. Laser and Photonics Reviews, 2022, 16, .	8.7	17
10	On-Chip Metamaterial Enabled Wavelength (De)Multiplexer. Laser and Photonics Reviews, 2022, 16, .	8.7	8
11	Multi-scale sparse representation-based shadow inpainting for retinal OCT images. , 2022, , .		3
12	Mode and Polarization Division Multiplexing Based on Silicon Nitride Loaded Lithium Niobate on Insulator Platform. Laser and Photonics Reviews, 2022, 16, .	8.7	42
13	Integrated Subwavelength Gratings on a Lithium Niobate on Insulator Platform for Mode and Polarization Manipulation. Laser and Photonics Reviews, 2022, 16, .	8.7	16
14	On-chip mode division (de)multiplexer for multi-band operation. Optics Express, 2022, 30, 22779.	3.4	7
15	Metamaterial-enabled arbitrary on-chip spatial mode manipulation. Light: Science and Applications, 2022, 11, .	16.6	23
16	Nonlinear co-generation of graphene plasmons for optoelectronic logic operations. Nature Communications, 2022, 13, .	12.8	30
17	16 $\times$ 3: Compact Tunable Alvarez Lens Based on Pancharatnam-Berry Optical Elements. Digest of Technical Papers SID International Symposium, 2022, 53, 174-177.	0.3	0
18	Ultra-broadband on-chip beam focusing enabled by GRIN metalens on silicon-on-insulator platform. Nanophotonics, 2022, 11, 3603-3612.	6.0	3

#	ARTICLE	IF	CITATIONS
19	Monolithic Photonic Integrated Circuit Based on Silicon Nitride and Lithium Niobate on Insulator Hybrid Platform. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	8
20	Ultracompact bandwidth-tunable filter based on subwavelength grating-assisted contra-directional couplers. <i>Frontiers of Optoelectronics</i> , 2021, 14, 374-380.	3.7	6
21	Dynamic direct-writing optical holographic display based on quantum-dot-doped liquid crystal. <i>Liquid Crystals</i> , 2021, 48, 844-849.	2.2	3
22	Ultra-Broadband Mode Size Converter Using On-Chip Metamaterial-Based Luneburg Lens. <i>ACS Photonics</i> , 2021, 8, 202-208.	6.6	101
23	Integrated tegrated multiplexing and switching in wavelength, polarization and mode. , 2021, , .		0
24	Carrier Assisted Differential Detection With Generalized and Simplified Receiver Structure. <i>Journal of Lightwave Technology</i> , 2021, 39, 7159-7167.	4.6	8
25	Multi-scale GCN-assisted two-stage network for joint segmentation of retinal layers and discs in peripapillary OCT images. <i>Biomedical Optics Express</i> , 2021, 12, 2204.	2.9	41
26	On-Chip Mode-Division Multiplexing Transmission With Modal Crosstalk Mitigation Employing Low-Coherence Matched Detection. <i>Journal of Lightwave Technology</i> , 2021, 39, 2008-2014.	4.6	6
27	FTN SSB 16-QAM Signal Transmission and Direct Detection Based on Tomlinson-Harashima Precoding With Computed Coefficients. <i>Journal of Lightwave Technology</i> , 2021, 39, 2059-2066.	4.6	4
28	Compact silicon three-mode multiplexer by refractive-index manipulation on a multi-mode interferometer. <i>Optics Express</i> , 2021, 29, 13899.	3.4	18
29	31â€4: <i>Student Paper:</i> Maxwellianâ€View Superâ€Multiâ€View Near Eye Display Using a Pancharatnamâ€Berry Optical Element. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 406-409.	0.3	0
30	Perspective on mode-division multiplexing. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	39
31	Integrated Neuromorphic Photonics: Synapses, Neurons, and Neural Networks. <i>Advanced Photonics Research</i> , 2021, 2, 2000212.	3.6	32
32	Demonstration of terabit coherent on-chip optical interconnects employing mode-division multiplexing. <i>Optics Letters</i> , 2021, 46, 2292.	3.3	6
33	Integrated Neuromorphic Photonics: Synapses, Neurons, and Neural Networks. <i>Advanced Photonics Research</i> , 2021, 2, 2170019.	3.6	6
34	Single-step etched grating couplers for silicon nitride loaded lithium niobate on insulator platform. <i>APL Photonics</i> , 2021, 6, 086108.	5.7	24
35	42.6: Maxwellianâ€viewingâ€superâ€multiâ€view near eye display using a Pancharatnamâ€Berry optical element. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 533-536.	0.3	3
36	Carrier-assisted differential detection with reduced guard band and high electrical spectral efficiency. <i>Optics Express</i> , 2021, 29, 33502.	3.4	7

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37	Ultra-Compact Band-Pass and Band-Stop Tunable Filters Based on Loop-Cascaded Nanobeam Structure. IEEE Photonics Technology Letters, 2021, 33, 1109-1112.	2.5	1
38	Ultrabroadband Power Coupling and Mode-Order Conversion Based on Trapezoidal Subwavelength Gratings. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	7
39	Ultra-compact and broadband silicon polarizer employing a nanohole array structure. Optics Letters, 2021, 46, 194.	3.3	17
40	1.23-Tb/s per Wavelength Single-Waveguide On-Chip Optical Interconnect Enabled by Mode-division Multiplexing. , 2021, , .		1
41	Ultra-narrow passband-tunable filter based on a high-Q silicon racetrack resonator. Optics Letters, 2021, 46, 5575.	3.3	6
42	Ultracompact Fiber-to-Chip Metamaterial Edge Coupler. ACS Photonics, 2021, 8, 3226-3233.	6.6	22
43	Ultra-Compact Silicon Mode Converter Based on a Zigzag-type Metasurface Structure. , 2021, , .		1
44	Record high-order mode-division-multiplexed transmission on chip using gradient-duty-cycle subwavelength gratings. , 2021, , .		4
45	High-speed electro-optic modulator based on silicon nitride loaded lithium niobate on an insulator platform. Optics Letters, 2021, 46, 5986.	3.3	33
46	High-Efficiency Fiber-Chip Edge Coupler Design for Visible Light on Alumina-on-Insulator Photonics. , 2021, , .		0
47	Compact Silicon Mode Converter using Fast Adiabatic-evolution-based Y-junction with Wide Bandwidth. , 2021, , .		0
48	Fano Resonance with Sharp Transmittance Slope Based on High-Q Factor Multi-Mode Micro-Ring Resonator. , 2021, , .		0
49	High-efficiency Thermo-optical Phase Shifter using Wave-vector and Polarization Multiplexing. , 2021, , .		0
50	Architecture and Devices for Silicon Photonic Switching in Wavelength, Polarization and Mode. Journal of Lightwave Technology, 2020, 38, 215-225.	4.6	46
51	Accurate Field Reconstruction at Low CSPR Condition Based on a Modified KK Receiver With Direct Detection. Journal of Lightwave Technology, 2020, 38, 485-491.	4.6	20
52	On-Chip Multi-Mode Manipulation via 2D Refractive-Index Perturbation on a Waveguide. Advanced Optical Materials, 2020, 8, 2000996.	7.3	12
53	All-Optical Spiking Neuron Based on Passive Microresonator. Journal of Lightwave Technology, 2020, 38, 4019-4029.	4.6	26
54	Low Loss, Large Bandwidth Fiber-Chip Edge Couplers Based on Silicon-on-Insulator Platform. Journal of Lightwave Technology, 2020, 38, 4780-4786.	4.6	35

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55	Silicon Photonic Platform for Passive Waveguide Devices: Materials, Fabrication, and Applications. <i>Advanced Materials Technologies</i> , 2020, 5, .	5.8	106
56	Demonstration of a Push-Pull Silicon Dual-Ring Modulator With Enhanced Optical Modulation Amplitude. <i>Journal of Lightwave Technology</i> , 2020, 38, 3694-3700.	4.6	8
57	VSB Modified Duobinary PAM4 Signal Transmission in an IM/DD System With Mitigated Image Interference. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 363-366.	2.5	11
58	Fast Wavelength Seeking in a Silicon Dual-Ring Switch Based on Artificial Neural Networks. <i>Journal of Lightwave Technology</i> , 2020, 38, 5078-5085.	4.6	4
59	Hybrid photonics beyond silicon. <i>APL Photonics</i> , 2020, 5, 020402.	5.7	11
60	Multiplane displays based on liquid crystals for AR applications. <i>Journal of the Society for Information Display</i> , 2020, 28, 224-240.	2.1	13
61	Ultra-Compact Coupling Structures for Heterogeneously Integrated Silicon Lasers. <i>Journal of Lightwave Technology</i> , 2020, , 1-1.	4.6	1
62	Demonstration of 160 Gb/s On-chip Mode-division Multiplexing Transmission. , 2020, , .		2
63	Design and experimental demonstration of a silicon multi-dimensional (de)multiplexer for wavelength-, mode- and polarization-division (de)multiplexing. <i>Optics Letters</i> , 2020, 45, 2846.	3.3	26
64	Ultra-compact silicon mode-order converters based on dielectric slots. <i>Optics Letters</i> , 2020, 45, 3797.	3.3	30
65	Subwavelength structured silicon waveguides and photonic devices. <i>Nanophotonics</i> , 2020, 9, 1321-1340.	6.0	40
66	Ultracompact and low-power-consumption silicon thermo-optic switch for high-speed data. <i>Nanophotonics</i> , 2020, 10, 937-945.	6.0	39
67	Multi-Channel WDM (De)Multiplexer Based on Multimode Contra-Directional Coupling Using Dielectric Etches. , 2020, , .		1
68	On-Chip Mode-division Multiplexing with Modal Crosstalk Mitigation. , 2020, , .		1
69	Effect of spectral leakage on the image formation of Fourier-domain optical coherence tomography. <i>Optics Letters</i> , 2020, 45, 6394.	3.3	6
70	Zero-guard band dual-SSB PAM4 signal transmission with joint equalization scheme. <i>Optics Letters</i> , 2020, 45, 6178.	3.3	2
71	Compact Silicon Waveguide Mode Converter Employing Dielectric Metasurface Structure. <i>Advanced Optical Materials</i> , 2019, 7, 1801191.	7.3	84
72	Efficient and Broadband Four-Wave Mixing in a Compact Silicon Subwavelength Nanohole Waveguide. <i>Advanced Optical Materials</i> , 2019, 7, 1900810.	7.3	2

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73	Liquid Crystal Based Head-Up Display with Electrically Controlled Contrast Ratio. Crystals, 2019, 9, 311.	2.2	0
74	An Approach to Wideband and High Accuracy Microwave Photonic Signal Carrier Recovery Based on Carrier Period Measurement. IEEE Photonics Journal, 2019, 11, 1-14.	2.0	0
75	Recent advances of heterogeneously integrated III-V laser on Si. Journal of Semiconductors, 2019, 40, 101304.	3.7	26
76	Preface to the Special Topic on Compound Semiconductor Materials and Devices on Si. Journal of Semiconductors, 2019, 40, 100101.	3.7	0
77	33.1: <i>Invited Paper:</i> Multi-plane Display Based on Cholesteric Liquid Crystal Films. Digest of Technical Papers SID International Symposium, 2019, 50, 358-360.	0.3	0
78	Broadband Polarization Beam Splitter by Using Cascaded Tapered Bent Directional Couplers. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	20
79	P&#201: <i>Late-News Poster:</i> Super Multi-view 3D Display Based on Polarization Multiplexing. Digest of Technical Papers SID International Symposium, 2019, 50, 1587-1590.	0.3	3
80	P&#208: Late-News Poster: Single-exposure fabrication of geometry phase optical elements with arbitrary wavefronts. Digest of Technical Papers SID International Symposium, 2019, 50, 1866-1869.	0.3	0
81	7&#4: Late-News Paper: Holographic head-up display with adaptive brightness of ambient light. Digest of Technical Papers SID International Symposium, 2019, 50, 78-80.	0.3	1
82	35&#4: Color holographic display using quantum-dot doped liquid crystal. Digest of Technical Papers SID International Symposium, 2019, 50, 493-496.	0.3	1
83	Colour 3D holographic display based on a quantum-dot-doped liquid crystal. Liquid Crystals, 2019, 46, 1478-1484.	2.2	13
84	A Silicon Photonic RF Phase Shifter With Linear Phase Response and Low RF Power Variation. IEEE Photonics Technology Letters, 2019, 31, 713-716.	2.5	5
85	Holographic Displays for AR Applications. , 2019, , .		1
86	Silicon Reconfigurable Electro-Optical Logic Circuit Enabled by a Single-Wavelength Light Input. IEEE Photonics Technology Letters, 2019, 31, 435-438.	2.5	4
87	Multi-Stage Wavelength Locking in a 4 times 4 Silicon Electro-Optic Switch Based on Dual-Ring Resonators. , 2019, , .		1
88	Dynamic compensatory Gerchberg-Saxton algorithm for multiple-plane reconstruction in holographic displays. Optics Express, 2019, 27, 8958.	3.4	31
89	Single-exposure fabrication of tunable Pancharatnam-Berry devices using a dye-doped liquid crystal. Optics Express, 2019, 27, 9054.	3.4	40
90	Multi-plane augmented reality display based on cholesteric liquid crystal reflective films. Optics Express, 2019, 27, 12039.	3.4	48

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91	112-Gb/s SSB 16-QAM signal transmission over 120-km SMF with direct detection using a MIMO-ANN nonlinear equalizer. Optics Express, 2019, 27, 12794.	3.4	13
92	Fast-response Pancharatnam-Berry phase optical elements based on polymer-stabilized liquid crystal. Optics Express, 2019, 27, 22522.	3.4	19
93	Self-homodyne wavelength locking of a silicon microring resonator. Optics Express, 2019, 27, 36625.	3.4	8
94	Fast and Wide-Range Wavelength Locking Based on a Two-Layer Neural Network in a Silicon Microring Switch. , 2019, , .		2
95	Chip-scale humidity sensor based on a silicon nanobeam cavity. Optics Letters, 2019, 44, 5322.	3.3	3
96	On-chip silicon polarization and mode handling devices. Frontiers of Optoelectronics, 2018, 11, 77-91.	3.7	14
97	Ultra-broadband Polarization Beam Splitter Based on a Tapered Bent Directional Coupler. , 2018, , .		1
98	41.3: A flat-panel holographic optical element system for holographic augmented reality display with a beam expander. Digest of Technical Papers SID International Symposium, 2018, 49, 450-453.	0.3	0
99	Integrated Multi-Channel Millimeter Wave Photonic Generation Based on A Silicon Chip with Automated Polarization Control. , 2018, , .		2
100	Tunable Silicon Photonic RF Phase Shifter With Low RF Power Variation Based on Constructive Interference of an Add-Drop Ring Resonator. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	15
101	43.2: Augmented Reality Display Based on Polymer-Stabilized Blue Phase Liquid Crystal Combiner. Digest of Technical Papers SID International Symposium, 2018, 49, 572-575.	0.3	1
102	Generation and Transmission of SSB-PAM4 Signal with a DSP-free Phase Alignment Scheme. , 2018, , .		1
103	Silicon High-Order Mode (De)Multiplexer on Single Polarization. Journal of Lightwave Technology, 2018, 36, 5746-5753.	4.6	114
104	GFDM-OFDM Hybrid Modulation Scheme for IM-DD Optical Communication Systems. , 2018, , .		0
105	46.1: Design of Full-color Multi-plane Augmented Reality Display with PSLC Scattering Shutters. Digest of Technical Papers SID International Symposium, 2018, 49, 492-495.	0.3	1
106	27.2: <i>Invited Paper:</i> True 3D displays for AR applications. Digest of Technical Papers SID International Symposium, 2018, 49, 290-294.	0.3	1
107	Full-color multi-plane optical see-through head-mounted display for augmented reality applications. Journal of the Society for Information Display, 2018, 26, 687-693.	2.1	12
108	Single-resonance silicon nanobeam filter with an ultra-high thermo-optic tuning efficiency over a wide continuous tuning range. Optics Letters, 2018, 43, 4518.	3.3	23

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109	Compact design for optical-see-through holographic displays employing holographic optical elements. Optics Express, 2018, 26, 22866.	3.4	31
110	P&#201: <i>Late&#News Poster:</i> Design of Full&#color Multi&#plane Augmented Reality Display with PSLC Scattering Shutters&. Digest of Technical Papers SID International Symposium, 2018, 49, 1563-1566.	0.3	1
111	P&#205: <i>Late&#News Poster:</i> Augmented Reality Display Based on Polymer&#Stabilized Blue Phase Liquid Crystal Combiner. Digest of Technical Papers SID International Symposium, 2018, 49, 1758-1761.	0.3	0
112	17&#1: A Flat&#panel Holographic&#Optical&#element System for Holographic Augmented Reality Display with a Beam Expander. Digest of Technical Papers SID International Symposium, 2018, 49, 192-195.	0.3	1
113	Reverse-mode PSLC multi-plane optical see-through display for AR applications. Optics Express, 2018, 26, 3394.	3.4	75
114	On-chip silicon mode blocking filter employing subwavelength-grating based contra-directional coupler. Optics Express, 2018, 26, 33005.	3.4	17
115	Compact CWDM interleaver based on an interfering loop containing a one-dimensional Fabry&#Perot cavity. Optics Letters, 2018, 43, 1071.	3.3	7
116	High-efficiency and broadband four-wave mixing in a silicon-graphene strip waveguide with a windowed silica top layer. Photonics Research, 2018, 6, 965.	7.0	20
117	Single-resonance silicon nanobeam filter with an ultra-high thermo-optic tuning efficiency over a wide continuous tuning range. Optics Letters, 2018, 43, 4518-4521.	3.3	1
118	SQNR Improvement Enabled by Nonuniform DAC Output Levels for IM-DD OFDM Systems. IEEE Photonics Journal, 2017, 9, 1-11.	2.0	13
119	P&#104: Holographic See&#through AR Display with Zero&#order Eliminated. Digest of Technical Papers SID International Symposium, 2017, 48, 1638-1640.	0.3	3
120	51&#3: A Multi&#plane Optical See&#through Head Mounted Display with Reverse Mode PSLC. Digest of Technical Papers SID International Symposium, 2017, 48, 763-766.	0.3	11
121	Design and Experimental Demonstration of a Compact Silicon Photonic Interleaver Based on an Interfering Loop With Wide Spectral Range. Journal of Lightwave Technology, 2017, 35, 3765-3771.	4.6	17
122	Polymer network liquid crystal grating/Fresnel lens fabricated by holography. Liquid Crystals, 2017, 44, 873-879.	2.2	8
123	High-suppression-ratio silicon bandpass filter using apodized subwavelength grating coupler. , 2017, , .		0
124	On-chip Silicon Three-mode (De)Multiplexer Employing Subwavelength Grating Structure. , 2017, , .		2
125	Ultra-compact tunable silicon nanobeam cavity with an energy-efficient graphene micro-heater. Optics Express, 2017, 25, 19479.	3.4	32
126	Compact, submilliwatt, 2&#%&#2 silicon thermo-optic switch based on photonic crystal nanobeam cavities. Photonics Research, 2017, 5, 108.	7.0	53



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127	On-chip silicon photonic 2 $\times$ 2 mode- and polarization-selective switch with low inter-modal crosstalk. Photonics Research, 2017, 5, 521.	7.0	58
128	Silicon photonic bandpass filter based on apodized subwavelength grating with high suppression ratio and short coupling length. Optics Express, 2017, 25, 11359.	3.4	36
129	Silicon Polarization Splitter and Rotator using a Subwavelength Grating based Directional Coupler. , 2017, , .		14
130	3-1: A Multi-plane Volumetric Optical See-through Head Mounted 3D Display. Digest of Technical Papers SID International Symposium, 2016, 47, 1-3.	0.3	8
131	P-84: An Updatable Holographic 3D Display with Accommodation Based on Photorefractive Doped Liquid Crystals. Digest of Technical Papers SID International Symposium, 2016, 47, 1440-1442.	0.3	0
132	Ultra-compact and highly efficient silicon polarization splitter and rotator. APL Photonics, 2016, 1, .	5.7	61
133	Highly photorefractive hybrid liquid crystal device for a video-rate holographic display. Optics Express, 2016, 24, 8824.	3.4	16
134	Multiband Ultra-Wideband Signal Generation With Quadrupled Capacity by a Single Modulator. IEEE Photonics Technology Letters, 2016, 28, 1731-1734.	2.5	1
135	Polymer-Stabilized Blue Phase Liquid Crystals for Photonic Applications. Advanced Materials Technologies, 2016, 1, 1600102.	5.8	49
136	A multi-plane optical see-through head mounted display design for augmented reality applications. Journal of the Society for Information Display, 2016, 24, 246-251.	2.1	50
137	Holographic display and storage based on photo-responsive liquid crystals. Liquid Crystals Reviews, 2016, 4, 83-100.	4.1	28
138	Ultra-compact broadband silicon polarization beam splitter based on a bridged bent directional coupler. , 2016, , .		5
139	A 2 $\times$ 2 silicon thermo-optic switch based on nanobeam cavities with ultra-small mode volumes. , 2016, , .		0
140	P-137: Polymer-Stabilized Blue-Phase Liquid-Crystal Fresnel Lens Cured by Patterned Light Using a Spatial Light Modulator. Digest of Technical Papers SID International Symposium, 2016, 47, 1636-1638.	0.3	1
141	Polymer-Stabilized Blue-Phase Liquid Crystal Fresnel Lens Cured With Patterned Light Using a Spatial Light Modulator. Journal of Display Technology, 2016, 12, 1008-1012.	1.2	15
142	High-extinction-ratio silicon polarization beam splitter with tolerance to waveguide width and coupling length variations. Optics Express, 2016, 24, 6586.	3.4	119
143	Passive silicon photonic devices for microwave photonic signal processing. Optics Communications, 2016, 373, 44-52.	2.1	45
144	P-139: Polymer Network Liquid Crystal Grating Cured with Interfered Visible Light. Digest of Technical Papers SID International Symposium, 2016, 47, 1642-1644.	0.3	2

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145	High-Efficiency Video-Rate Holographic Display Using Quantum Dot Doped Liquid Crystal. Journal of Display Technology, 2016, 12, 362-367.	1.2	23
146	Wavelength and bandwidth-tunable silicon comb filter based on Sagnac loop mirrors with Mach-Zehnder interferometer couplers. Optics Express, 2016, 24, 2183.	3.4	57
147	Bottom-up Fabrication of Graphene on Silicon/Silica Substrate via a Facile Soft-hard Template Approach. Scientific Reports, 2015, 5, 13480.	3.3	64
148	Fringing field-induced monodomain of a polymer-stabilized blue phase liquid crystal. Applied Physics Letters, 2015, 107, .	3.3	11
149	36.3: Flat-Panel Coherent Backlight for Holographic Displays with Improved Diffraction Efficiency. Digest of Technical Papers SID International Symposium, 2015, 46, 530-533.	0.3	0
150	30.4: Multi-Plane Holographic Display with a Uniform 3D Gerchberg-Saxton Algorithm. Digest of Technical Papers SID International Symposium, 2015, 46, 442-445.	0.3	8
151	37.3: Polymer-Stabilized Blue-Phase Liquid Crystal Cured with a Visible Laser. Digest of Technical Papers SID International Symposium, 2015, 46, 549-552.	0.3	3
152	Paper No P09: Electrically Tunable Grating Using Holographic Polymer Templated Blue Phase Liquid Crystal. Digest of Technical Papers SID International Symposium, 2015, 46, 76-76.	0.3	1
153	P120: Temperature Dependence of Dynamic Holographic Displays using Doped Liquid Crystals. Digest of Technical Papers SID International Symposium, 2015, 46, 1618-1620.	0.3	2
154	Transmissive Interferometric Display With Single-Layer Fabry-Pérot Filter. Journal of Display Technology, 2015, 11, 715-719.	1.2	9
155	Random laser emission in a sphere-phase liquid crystal. Applied Physics Letters, 2015, 106, .	3.3	31
156	Compact on-chip 1 Å– 2 wavelength selective switch based on silicon microring resonator with nested pairs of subrings. Photonics Research, 2015, 3, 9.	7.0	51
157	Second-order silicon photonic differential-equation solver for general linear time-invariant systems. , 2015, , .		0
158	Compact high-speed electro-optic modulator based on a silicon photonic-crystal nanobeam cavity with gated graphene. , 2015, , .		1
159	Proposed high-speed micron-scale spatial light valve based on a silicon-graphene hybrid structure. Optics Letters, 2015, 40, 4480.	3.3	9
160	Video-rate color holographic displays using doped liquid crystals. , 2015, , .		0
161	On-Chip Tunable Second-Order Differential-Equation Solver Based on a Silicon Photonic Mode-Split Microresonator. Journal of Lightwave Technology, 2015, 33, 3542-3549.	4.6	48
162	High-capacity and low-cost long-reach OFDMA PON based on distance-adaptive bandwidth allocation. Optics Express, 2015, 23, 1249.	3.4	10

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163	Improvement of diffraction efficiency of flat-panel coherent backlight for holographic displays. Optics Express, 2015, 23, 4726.	3.4	10
164	Graphene decorated microfiber for ultrafast optical modulation. Optics Express, 2015, 23, 10764.	3.4	45
165	Analysis of an electro-optic modulator based on a graphene-silicon hybrid 1D photonic crystal nanobeam cavity. Optics Express, 2015, 23, 23357.	3.4	67
166	Polymer-stabilized blue-phase liquid crystal grating cured with interfered visible light. Optics Express, 2015, 23, 20007.	3.4	29
167	Broadband photodetection in a microfiber-graphene device. Optics Express, 2015, 23, 25209.	3.4	30
168	Energy-efficient optical network units for OFDM PON based on time-domain interleaved OFDM technique. Optics Express, 2014, 22, 13043.	3.4	18
169	Dynamics of peristrophic multiplexing in holographic polymer-dispersed liquid crystal. Liquid Crystals, 2014, 41, 673-684.	2.2	9
170	A High-Speed Second-Order Photonic Differentiator Based on Two-Stage Silicon Self-Coupled Optical Waveguide. IEEE Photonics Journal, 2014, 6, 1-5.	2.0	18
171	High-speed fourth-order photonic differentiator based on silicon self-coupled optical-waveguide resonator. , 2014, , .		0
172	Compact tunable silicon photonic differential-equation solver for general linear time-invariant systems. Optics Express, 2014, 22, 26254.	3.4	52
173	P&#141; WITHDRAWN: P&#142: Highly Efficient Inverted Phosphorescence OLEDs Based on Ultrathin Emitting Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1518-1521.	0.3	0
174	46.4: Influence of Space Variant Effect on Axial Error in Digital Holography. Digest of Technical Papers SID International Symposium, 2014, 45, 664-667.	0.3	0
175	Physical Layer Encryption in OFDM-PON Employing Time-Variable Keys From ONUs. IEEE Photonics Journal, 2014, 6, 1-6.	2.0	21
176	P&#93: Highly Conductive and Uniform Graphene hybrid Electrode with Chemical Reduction for Flexible Organic Light&#153;Emitting Diodes. Digest of Technical Papers SID International Symposium, 2014, 45, 1336-1339.	0.3	0
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