

Yidong Huang

List of Publications by Year in descending order

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195
papers

2,409
citations

201575

27
h-index

276775

41
g-index

196
all docs

196
docs citations

196
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	40-user fully connected entanglement-based quantum key distribution network without trusted node. <i>Photonix</i> , 2022, 3, .	5.5	21
2	Hetero-Optomechanical Crystal Zipper Cavity for Multimode Optomechanics. <i>Photonics</i> , 2022, 9, 78.	0.9	7
3	Measurement-Device-Independent Quantum Key Distribution of Frequency-Nondegenerate Photons. <i>Physical Review Applied</i> , 2022, 17, .	1.5	3
4	Tunable mechanical-mode coupling based on nanobeam-double optomechanical cavities. <i>Photonics Research</i> , 2022, 10, 1819.	3.4	5
5	Twenty Years of Photonics. <i>ACS Photonics</i> , 2021, 8, 384-385.	3.2	2
6	Phonon lasing in a hetero optomechanical crystal cavity. <i>Photonics Research</i> , 2021, 9, 937.	3.4	13
7	Grouping and Decoupling Mechanism for Diabetic Retinopathy Image Grading. , 2021, , .		2
8	A Compound Phase-Modulated Beam Splitter to Distinguish Both Spin and Orbital Angular Momentum. <i>ACS Photonics</i> , 2020, 7, 212-220.	3.2	24
9	An entanglement-based quantum network based on symmetric dispersive optics quantum key distribution. <i>APL Photonics</i> , 2020, 5, .	3.0	25
10	Programmable Coherent Linear Quantum Operations with High-Dimensional Optical Spatial Modes. <i>Physical Review Applied</i> , 2020, 14, .	1.5	8
11	Hybrid waveguide scheme for silicon-based quantum photonic circuits with quantum light sources. <i>Photonics Research</i> , 2020, 8, 235.	3.4	4
12	Vortex Smithâ€Purcell radiation generation with holographic grating. <i>Photonics Research</i> , 2020, 8, 1309.	3.4	15
13	Cherenkov radiation generated in hexagonal boron nitride using extremely low-energy electrons. <i>Nanophotonics</i> , 2020, 9, 1491-1499.	2.9	8
14	Spatial Quantum Beating of Adjustable Biphoton Frequency Comb With High-Dimensional Frequency-Bin Entanglement. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	1
15	Universal linear optical operations on discrete phase-coherent spatial modes with a fixed and non-cascaded setup. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 104003.	1.0	9
16	The Maximum Electron Energy for Cherenkov Radiation in Hyperbolic Metamaterial. , 2019, , .		0
17	Energy-time entanglement-based dispersive optics quantum key distribution over optical fibers of 20â€km. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	25
18	Photonic energy-time entanglement in quantum communications. , 2019, , .		0

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19	Deep-ultraviolet Smithâ€Purcell radiation. <i>Optica</i> , 2019, 6, 592.	4.8	30
20	Integrated High-Q Optomechanical Nanobeam Cavity for Refractive Index Sensing. , 2018, , .		0
21	Integrated Photonic OAM Emitter with Wide Tuning Range. , 2018, , .		0
22	Quantum secure ghost imaging. <i>Physical Review A</i> , 2018, 98, .	1.0	10
23	Radiation-Pressure-Antidamping Enhanced Optomechanical Spring Sensing. <i>ACS Photonics</i> , 2018, 5, 4164-4169.	3.2	16
24	Measuring the orbital angular momentum spectrum with a single point detector. <i>Optics Letters</i> , 2018, 43, 4607.	1.7	6
25	Long-distance thermal temporal ghost imaging over optical fibers. <i>Optics Letters</i> , 2018, 43, 759.	1.7	14
26	Threshold-less Cherenkov radiation in hyperbolic metamaterial. , 2018, , .		0
27	Integrated Cherenkov radiation emitter eliminating the electron velocity threshold. <i>Nature Photonics</i> , 2017, 11, 289-292.	15.6	137
28	True Single-Photon Stimulated Four-Wave Mixing. <i>ACS Photonics</i> , 2017, 4, 746-753.	3.2	8
29	Identifying the tilt angle and correcting the orbital angular momentum spectrum dispersion of misaligned light beam. <i>Scientific Reports</i> , 2017, 7, 7873.	1.6	20
30	Extending the Frequency Range of Surface Plasmon Polariton Mode with Meta-Material. <i>Nano-Micro Letters</i> , 2017, 9, 9.	14.4	8
31	Integrated refractive index sensor using silicon slot waveguides. <i>Applied Optics</i> , 2017, 56, 3096.	2.1	10
32	Measuring the complex orbital angular momentum spectrum of light with a mode-matching method. <i>Optics Letters</i> , 2017, 42, 1080.	1.7	33
33	Linear optical transformation with quasi-angle states and quasi-orbital angular momentum states. , 2017, , .		0
34	Fiber-based frequency-degenerate polarization entangled photon pair sources for information encoding. <i>Optics Express</i> , 2016, 24, 25619.	1.7	10
35	Experimental device-independent tests of classical and quantum entropy. <i>Physical Review A</i> , 2016, 94, .	1.0	2
36	Relations among non-chordal compatibility graphs, imperfect exclusivity graphs and quantum correlations*. <i>European Physical Journal D</i> , 2016, 70, 1.	0.6	0

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37	Dynamically sculpturing plasmonic vortices: from integer to fractional orbital angular momentum. Scientific Reports, 2016, 6, 36269.	1.6	22
38	Novel optoelectronic characteristics from manipulating general energy-bands by nanostructures. Frontiers of Optoelectronics, 2016, 9, 151-159.	1.9	0
39	Single-Polarization Waveguiding by Low-Index Strips on the Surface of Chalcogenide Glass Film. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	1
40	Optical lattice induced by angular momentum and polygonal plasmonic mode. Optics Letters, 2016, 41, 1478.	1.7	15
41	Slow light enhanced atomic frequency comb quantum memories in photonic crystal waveguides. European Physical Journal D, 2016, 70, 1.	0.6	5
42	Long-distance temporal quantum ghost imaging over optical fibers. Scientific Reports, 2016, 6, 26022.	1.6	19
43	High-mechanical-frequency characteristics of optomechanical crystal cavity with coupling waveguide. Scientific Reports, 2016, 6, 34160.	1.6	17
44	Compact and Broadband 1 Å– 4 Optical Switch Based on W2 Photonic Crystal Waveguides. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	3
45	Integrated photonic emitter with a wide switching range of orbital angular momentum modes. Scientific Reports, 2016, 6, 22512.	1.6	32
46	Fiber-based frequency-degenerate polarization-entanglement photon pair sources for information encoding. Proceedings of SPIE, 2016, , .	0.8	0
47	Integrated plasmonic refractive index sensor based on grating/metal film resonant structure. Proceedings of SPIE, 2016, , .	0.8	6
48	A special issue on Optoelectronics dedicated to Prof. Bingkun Zhou's 80th birthday. Frontiers of Optoelectronics, 2016, 9, 121-122.	1.9	0
49	Integrated nanophotonic devices for optical interconnections. Proceedings of SPIE, 2016, , .	0.8	0
50	Silicon Slot Waveguides With Low Transmission and Bending Losses at 1064 nm. IEEE Photonics Technology Letters, 2016, 28, 19-22.	1.3	7
51	Coupling structure for silicon slot waveguide operating at 1064nm. Optics Communications, 2016, 359, 129-134.	1.0	0
52	Manipulating Plasmonic Vortices with Metallic Grooved-Slit. , 2016, , .		0
53	Generation of broadband Cherenkov radiation based on plasmonic graded grating. , 2015, , .		0
54	Tunable silicon slot micro-ring operating at 1000nm. , 2015, , .		0

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55	Strong Optomechanical Coupling in Nanobeam Cavities based on Hetero Optomechanical Crystals. Scientific Reports, 2015, 5, 15964.	1.6	29
56	Integrated Photonic Reservoir Computing based on Hierarchical Time-multiplexing Structure. , 2015, , .		0
57	Ultra-compact and broadband 1Å–4 thermo-optic switch based on W2 photonic crystal waveguides. , 2015, , .		1
58	Integrated emitters for optical vortices with a Si_3N_4 structure. , 2015, , .		2
59	Plasmonic-enhanced perovskite solar cells using alloy popcorn nanoparticles. RSC Advances, 2015, 5, 11175-11179.	1.7	111
60	Optomechanical crystal nanobeam cavity with high optomechanical coupling rate. Journal of Optics (United Kingdom), 2015, 17, 045001.	1.0	31
61	True-color real-time imaging and spectroscopy of carbon nanotubes on substrates using enhanced Rayleigh scattering. Nano Research, 2015, 8, 2721-2732.	5.8	34
62	Designing gallium nitride slot waveguide operating within visible band. Optical and Quantum Electronics, 2015, 47, 3705-3713.	1.5	10
63	Generating optical superimposed vortex beam with tunable orbital angular momentum using integrated devices. Scientific Reports, 2015, 5, 10958.	1.6	27
64	Identifying Orbital Angular Momentum of Vectorial Vortices with Pancharatnam Phase and Stokes Parameters. Scientific Reports, 2015, 5, 11982.	1.6	23
65	Generation of hyper-entanglement in polarization/energy-time and discrete-frequency/energy-time in optical fibers. Scientific Reports, 2015, 5, 9195.	1.6	15
66	Generation of hyper-entanglement on polarization and energy-time based on a silicon micro-ring cavity. Optics Express, 2015, 23, 3985.	1.7	39
67	Eight-Channel Optical Add-Drop Multiplexer With Cascaded Parent-Sub Microring Resonators. IEEE Photonics Journal, 2015, 7, 1-7.	1.0	4
68	Reverse Ridge/Slot Chalcogenide Glass Waveguide With Ultrabroadband Flat and Low Dispersion. IEEE Photonics Journal, 2015, 7, 1-9.	1.0	11
69	Silicon Slot Waveguide with Low Transmission and Bending Loss at $\sim 1.5\ \mu\text{m}$. , 2015, , .		1
70	Radially Polarized Orbital Angular Momentum Beam Emitter Based on Shallow-Ridge Silicon Microring Cavity. IEEE Photonics Journal, 2014, 6, 1-10.	1.0	14
71	Ultralow Propagation Loss Slot-Waveguide in High Absorption Active Material. IEEE Photonics Journal, 2014, 6, 1-6.	1.0	7
72	Exploration of Electrical and Novel Optical Chip-to-Chip Interconnects. IEEE Design and Test, 2014, 31, 28-35.	1.1	8

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73	Generation of 15â€‰%â€‰¼m discrete frequency-entangled two-photon state in polarization-maintaining fibers. Optics Letters, 2014, 39, 2109.	1.7	11
74	Telecom-band degenerate-frequency photon pair generation in silicon microring cavities. Optics Letters, 2014, 39, 2526.	1.7	21
75	Energy-time entanglement generation in optical fibers under CW pumping. Optics Express, 2014, 22, 359.	1.7	26
76	The impact of nonlinear losses in the silicon micro-ring cavities on CW pumping correlated photon pair generation. Optics Express, 2014, 22, 2620.	1.7	27
77	Integrated silicon modulator based on microring array assisted MZI. Optics Express, 2014, 22, 10550.	1.7	10
78	Integrated photonic reservoir computing based on hierarchical time-multiplexing structure. Optics Express, 2014, 22, 31356.	1.7	49
79	Frequency-entanglement preparation based on the coherent manipulation of frequency nondegenerate energy-time entangled state. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1801.	0.9	9
80	Surface plasmon polariton based photonic integrated devices. , 2014, , .		0
81	Experimental demonstration of silicon slot waveguide with low transmission loss at 1064nm. Optics Communications, 2014, 329, 168-172.	1.0	16
82	Electrically Tuned Optical Add-Drop Multiplexers based on Parent-Sub Microring Structure on SOI Substrates. , 2014, , .		0
83	Broadband light absorption enhancement in dye-sensitized solar cells with Au-Ag alloy popcorn nanoparticles. Scientific Reports, 2013, 3, 2112.	1.6	87
84	Integrated refractive index sensor based on hybrid coupler with short range surface plasmon polariton and dielectric waveguide. Sensors and Actuators B: Chemical, 2013, 186, 495-505.	4.0	32
85	THz wave transmission in thin-wall PMMA pipes fabricated by fiber drawing technique. Optics Communications, 2013, 298-299, 101-105.	1.0	8
86	Generating in-Plane Optical Orbital Angular Momentum Beams With Silicon Waveguides. IEEE Photonics Journal, 2013, 5, 2201206-2201206.	1.0	27
87	InP heterostructure photonic crystal waveguide fabricated by high-aspect-ratio ICP etching. , 2013, , .		0
88	Tunable and Reconfigurable Bandstop Microwave Photonic Filter Based on Integrated Microrings and Machâ€™Zehnder Interferometer. Journal of Lightwave Technology, 2013, 31, 3668-3675.	2.7	37
89	Plasmonic periodic slits enhanced schottky diodes. , 2013, , .		1
90	Compact Optical Add-Drop Multiplexers With Parent-Sub Ring Resonators on SOI Substrates. IEEE Photonics Technology Letters, 2013, 25, 1462-1465.	1.3	12

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91	Designing low transmission loss silicon slot waveguide at wavelength band of high material absorption. Optics Communications, 2013, 306, 131-134.	1.0	16
92	Compact Thermo-Optic Switch Based on Tapered W1 Photonic Crystal Waveguide. IEEE Photonics Journal, 2013, 5, 2200606-2200606.	1.0	16
93	Photonic Crystal Nanobeam Cavity With Stagger Holes for Ultrafast Directly Modulated Nano-Light-Emitting Diodes. IEEE Photonics Journal, 2013, 5, 4700306-4700306.	1.0	6
94	Two-surface-plasmon-polariton-absorption based nanolithography. Applied Physics Letters, 2013, 102, 063113.	1.5	27
95	Integrated optical add-drop multiplexer based on a compact parent-sub microring-resonator structure. Optics Communications, 2013, 289, 53-59.	1.0	18
96	Coupling between second-order mode in dielectric waveguide and fundamental mode in long range surface plasmon waveguide. Optics Communications, 2013, 289, 60-63.	1.0	2
97	Plasmonic Enhanced Optical Absorption in Organic Solar Cells With Metallic Nanoparticles. IEEE Photonics Journal, 2013, 5, 8400509-8400509.	1.0	14
98	Self-supporting polymer pipes for low loss single-mode THz transmission. Optics Express, 2013, 21, 19808.	1.7	7
99	Polarization-entangled Bell states generation based on birefringence in high nonlinear microstructure fiber at 15 μm : erratum. Optics Letters, 2013, 38, 4991.	1.7	2
100	Variable optical attenuator based on photonic crystal waveguide with low-group-index tapers. Applied Optics, 2013, 52, 6245.	0.9	13
101	Spectral broadening effects of spontaneous emission and density of state on plasmonic enhancement in cermet waveguides. Optics Express, 2013, 21, 431.	1.7	4
102	15 μm polarization entanglement generation based on birefringence in silicon wire waveguides. Optics Letters, 2013, 38, 2873.	1.7	14
103	Efficiency Enhancement in Organic Solar Cells With Extended Resonance Spectrum of Localized Surface Plasmon. IEEE Photonics Journal, 2013, 5, 8400307-8400307.	1.0	3
104	Integrated sensor for ultra-thin layer sensing based on hybrid coupler with short-range surface plasmon polariton and dielectric waveguide. Applied Physics Letters, 2013, 102, 061109.	1.5	17
105	Fabrication of high-aspect-ratio double-slot photonic crystal waveguide in InP heterostructure by inductively coupled plasma etching using ultra-low pressure. AIP Advances, 2013, 3, .	0.6	8
106	Integrated SPP-Dielectric Hybrid Coupler Based Sensor For Ultra-thin Layer Detection. , 2013, , .		0
107	Silicon optical switch based on a tapered W1 photonic crystal waveguide with thermo-optic effect. , 2013, , .		0
108	On-chip identifying topology charges of OAM beams with multi-beam interference. , 2013, , .		0

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109	Integrated Bio-sensor Based on SPP-Dielectric Hybrid Coupler. , 2013, , .		0
110	Encoding and decoding of orbital angular momentum for wireless optical interconnects on chip. Optics Express, 2012, 20, 26986.	1.7	62
111	Polarization entanglement generation at 15 $\hat{\mu}$ m based on walk-off effect due to fiber birefringence. Optics Letters, 2012, 37, 1679.	1.7	17
112	Broadband switching functionality based on defect mode coupling in W2 photonic crystal waveguide. Applied Physics Letters, 2012, 101, 151110.	1.5	15
113	Small-feature-size Etching of InP/InGaAsP by inductively coupled plasma at ultra-low pressure. , 2012, , .		1
114	Broadband switching functionality of W2 photonic crystal waveguide. , 2012, , .		0
115	Tunable and Reconfigurable Bandpass Microwave Photonic Filters Utilizing Integrated Optical Processor on Silicon-on-Insulator Substrate. IEEE Photonics Technology Letters, 2012, 24, 1502-1505.	1.3	33
116	Hong-Ou-Mandel interference experiment of two independent heralded single photon sources in an optical fiber with birefringence. , 2012, , .		1
117	Reconfigurable microwave photonic filter based on parallel-cascaded microrings assisted with a Mach-Zehnder interferometer. Journal of Optics (United Kingdom), 2012, 14, 065502.	1.0	3
118	Impact of emission broadening on plasmonic enhancement with metallic gratings. Proceedings of SPIE, 2012, , .	0.8	0
119	Plasmonics-based polarization beamsplitter, sensors, and solar cells. , 2012, , .		0
120	Impact of spectral broadening on plasmonic enhancement with metallic gratings. Applied Physics Letters, 2012, 101, 121102.	1.5	7
121	Refractive index sensor based on hybrid coupler with short-range surface plasmon polariton and dielectric waveguide. Applied Physics Letters, 2012, 100, 111108.	1.5	42
122	Thermo-optic switch based on transmission-dip shifting in a double-slot photonic crystal waveguide. Applied Physics Letters, 2012, 100, .	1.5	36
123	Spontaneous emission rate enhancement of nano-structured silicon by surface plasmon polariton. Frontiers of Optoelectronics, 2012, 5, 51-62.	1.9	2
124	Plasmonic metal nanoparticle enhanced thin film organic solar cells. , 2012, , .		0
125	Refractive Index Sensor for Ultra-thin Layer based on SPP-Dielectric Hybrid Coupler. , 2012, , .		0
126	Tunable plasmonic resonance using core-shell nanoparticles for increasing optical absorption in solar cells. , 2012, , .		0

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127	Plasmonic core-shell nanoparticle enhanced optical absorption in thin film organic solar cells. , 2011, , .		1
128	Hybrid Coupling Between Long-Range Surface Plasmon Polariton Mode and Dielectric Waveguide Mode. Journal of Lightwave Technology, 2011, 29, 1265-1273.	2.7	20
129	Mechanism of optical absorption enhancement in thin film organic solar cells with plasmonic metal nanoparticles. Optics Express, 2011, 19, 24795.	1.7	55
130	Single polarization transmission in pedestal-supported silicon waveguides. Optics Letters, 2011, 36, 1797.	1.7	18
131	The effect of Si-nanocrystal size distribution on Raman spectrum. Journal of Applied Physics, 2011, 109, 083526.	1.1	39
132	Plasmonic core-shell nanoparticle-based thin film solar cells. , 2011, , .		2
133	Coupling between Dielectric Waveguide Mode and Long Range Surface Plasmon Polariton Waveguide Mode. , 2011, , .		0
134	Plasmonic core-shell gold nanoparticle enhanced optical absorption in photovoltaic devices. Applied Physics Letters, 2011, 98, 113119.	1.5	63
135	Hybrid Coupler with Short Range Surface Plasmon Polariton and Dielectric Waveguide. , 2011, , .		1
136	Plasmonic Enhanced Light Absorption of Solar Cells with Metal Nanoparticles. , 2011, , .		2
137	Experimental Observation of the Coupling between Short-Rang SPP and Dielectric Waveguide Mode. , 2011, , .		0
138	Metal Nanoparticles Enhanced Optical Absorption in Thin Film Solar Cells. , 2011, , .		0
139	Polarization Entanglement Generation Based on Birefringence in Polarization Maintained Dispersion Shifted Fiber at 1.5 μ m. , 2011, , .		0
140	Correlated photon pair generation in silicon wire waveguides. Proceedings of SPIE, 2010, , .	0.8	0
141	Calculated plasmonic enhancement of spontaneous emission from silicon nanocrystals with metallic gratings. Optics Communications, 2010, 283, 2758-2761.	1.0	7
142	Excitation of short range surface plasmon polariton mode based on integrated hybrid coupler. Applied Physics Letters, 2010, 97, .	1.5	18
143	Ultrathin layer sensing based on hybrid coupler with short-range surface plasmon polariton and dielectric waveguide. Optics Letters, 2010, 35, 244.	1.7	41
144	Layer-thickness-dependent formation of Si-nanocrystals embedded in amorphous Si/SiO ₂ multilayers. , 2010, , .		0

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145	Coupling characteristics between slot plasmonic mode and dielectric waveguide mode. , 2010, , .		0
146	Coupling characteristics between slot plasmonic mode and dielectric waveguide mode. , 2010, , .		0
147	Correlated photon pairgeneration in silicon wire waveguides. , 2010, , .		0
148	Temperature dependence of ministop band in double-slots photonic crystal waveguides. Applied Physics Letters, 2009, 95, .	1.5	21
149	Refractive index dependence of the coupling characteristics between long-range surface-plasmon-polariton and dielectric waveguide modes. Optics Letters, 2009, 34, 2697.	1.7	32
150	Polarization-entangled Bell states generation based on birefringence in high nonlinear microstructure fiber at 15 μ m. Optics Letters, 2009, 34, 2706.	1.7	28
151	Effects of Structure Parameters and Structural Deviations on the Characteristics of Photonic Crystal Directional Couplers. Journal of Lightwave Technology, 2009, 27, 4049-4054.	2.7	7
152	A Novel 3-D Microcavity Based on Bragg Fiber Dual-Tapers. Journal of Lightwave Technology, 2009, 27, 4145-4150.	2.7	2
153	Numerical solution of surface plasmon polariton mode propagating on spatially periodic metal-dielectric interface. Journal of the Optical Society of America B: Optical Physics, 2009, 26, B11.	0.9	7
154	Extremely high efficient coupling between long range surface plasmon polariton and dielectric waveguide mode. Applied Physics Letters, 2009, 95, .	1.5	27
155	Vertical coupling between short range surface plasmon polariton mode and dielectric waveguide mode. Applied Physics Letters, 2009, 94, 141104.	1.5	48
156	Refractive Index Sensor for Ultra-thin Layer Based on Short Range Surface Plasmon Polariton Hybrid Coupler. , 2009, , .		0
157	Temperature dependence of the spontaneous brillouin scattering spectrum in microstructure fiber with small core. Tsinghua Science and Technology, 2008, 13, 43-46.	4.1	1
158	Modified Gain and Mode Characteristics in Two-Dimensional Photonic Crystal Waveguide With Microcavity Structure. Journal of Lightwave Technology, 2008, 26, 1492-1497.	2.7	6
159	Hybrid Three-Arm Coupler Consisted of Long Range Surface Plasmon Polariton and Dielectric Waveguides. Journal of Lightwave Technology, 2008, 26, 3872-3882.	2.7	3
160	Polarization Splitter Based on Hybrid Coupler with Long Range Surface Plasmon Polariton and Dielectric Waveguide(s). , 2008, , .		1
161	Excitation of short range surface plasmon polariton mode. , 2008, , .		0
162	Tunable surface plasmons for emission enhancement of silicon nanocrystals using Ag-poor cermet layer. Applied Physics Letters, 2008, 92, .	1.5	11

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163	Efficient strategy for sharing entanglement via noisy channels with doubly entangled photon pairs. Physical Review A, 2008, 77, .	1.0	59
164	Passive and active performances of slab photonic crystal waveguides. , 2008, , .		0
165	Measurement of polarization dependent dispersion of microstructure fiber. , 2007, , .		0
166	Structure Parameters Dependence of Mini Stop-Bands in Two-Dimensional Photonic Crystal Waveguide. , 2007, , .		0
167	Low Loss Long Range Surface Plasmon Polariton Waveguides. , 2007, , .		0
168	Research on Slab Photonic Crystal Waveguides. , 2007, , .		0
169	Three-dimensional microcavity based on Bragg fiber dual-tapers. , 2007, , .		0
170	Electroluminescence Enhancement from Silicon Nanocrystals Using Doublelayer Surface-Plasmon Waveguide. , 2007, , .		0
171	Degraded Performance of Photonic Crystal Couplers due to Fabrication Imperfections. , 2007, , .		0
172	Influences of Pump Wavelength and Environment Temperature on the Dual-Peaked Brillouin Property of the Small Core Microstructure Fiber. , 2007, , .		0
173	Simulation of Refractive Index Sensor Based on Long-range Surface Plasmon Polariton with Buffered Asymmetric Structure. , 2007, , .		0
174	Surface-Plasmon-Enhanced photoluminescence from Nano-Porous Silicon Layer. , 2007, , .		0
175	Fluid sensor based on transmission dip caused by mini stop-bands in 2D photonic crystal waveguides. , 2007, , .		0
176	Hybrid Two-Arm Coupler with Long Range Surface Plasmon Polariton and Dielectric Waveguides. , 2007, , .		0
177	Modified Mode Characteristics in Two-Dimension Photonic Crystal Waveguide with Microcavity Structure. , 2007, , .		0
178	Loss Characteristics of Single- HE_{11} -Mode Bragg Fiber. Journal of Lightwave Technology, 2007, 25, 359-366.	2.7	9
179	Defect Bragg Fiber With Low Loss for Broadband and Zero Dispersion Slow Light. Journal of Lightwave Technology, 2007, 25, 3776-3783.	2.7	6
180	Coupling between long range surface plasmon polariton mode and dielectric waveguide mode. Applied Physics Letters, 2007, 90, 141101.	1.5	57

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181	Hybrid three-arm coupler with long range surface plasmon polariton and dielectric waveguides. Applied Physics Letters, 2007, 90, 241120.	1.5	21
182	Zero dispersion slow light with low leakage loss in defect Bragg fiber. Applied Physics Letters, 2007, 90, 031109.	1.5	14
183	Optical Gain of INGAASP MQW with Different Photonic Crystal Waveguides. Indium Phosphide and Related Materials Conference (IPRM), IEEE International Conference on, 2007, , .	0.0	0
184	SBS Slow Light in High Nonlinearity Photonic Crystal Fiber. , 2007, , .		1
185	Asymmetric hybrid three-arm coupler with long range surface plasmon polariton and dielectric waveguides. , 2007, , .		0
186	Internal Quantum Efficiency Enhancement of Silicon Nanocrystals Using Doublelayer Au Film Surface-Plasmon Waveguide. Indium Phosphide and Related Materials Conference (IPRM), IEEE International Conference on, 2007, , .	0.0	0
187	A Novel LRSPP Based Refractive Index Sensor. , 2006, , .		0
188	In-plane confinement with matching layer structure in quasi-3-D photonic crystal waveguide. IEEE Photonics Technology Letters, 2006, 18, 1270-1272.	1.3	0
189	Dominating radiative recombination in a nanoporous silicon layer with a metal-rich Au ($1\hat{\sim}\hat{\pm}$) $\hat{\sim}$ SiO ₂ ($\hat{\pm}$) cermet waveguide. Applied Physics Letters, 2006, 89, 081112.	1.5	18
190	Amplification properties of erbium-doped solid-core photonic bandgap fibers. IEEE Photonics Technology Letters, 2005, 17, 324-326.	1.3	8
191	Effect of metal contact's reflection on the effective coupling coefficient of second-order DFB laser diodes. Microwave and Optical Technology Letters, 2004, 42, 339-342.	0.9	5
192	High-yield external optical feedback resistant partially corrugated waveguide laser diodes. IEEE Journal of Selected Topics in Quantum Electronics, 1999, 5, 435-441.	1.9	11
193	External optical feedback resistant 2.5-Gb/s transmission of partially corrugated waveguide laser diodes over a -40/spl deg/C to 80/spl deg/C temperature range. IEEE Photonics Technology Letters, 1999, 11, 1482-1484.	1.3	7
194	All-fiber tunable and composite cavity ring fiber lasers using ultra low loss fiber couplers. Fiber and Integrated Optics, 1993, 12, 31-38.	1.7	0
195	Isolator-free 2.5 Gb/s, 45 km transmission characteristics in partially corrugated waveguide laser diodes from -40 $\hat{\sim}$ C to 80 $\hat{\sim}$ C under -14 dB external optical feedback. , 0, , .		2