

Kin Seng Chiang

List of Publications by Year in descending order

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61687

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325
docs citations

325
times ranked

4480
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-power all-optical switch based on a graphene-buried polymer waveguide Mach-Zehnder interferometer. Optics Express, 2022, 30, 6786.	1.7	20
2	All-optical mode switching with a graphene-buried polymer waveguide directional coupler. Optics Letters, 2022, 47, 2414.	1.7	8
3	Robust Mode Matching between Structurally Dissimilar Optical Fiber Waveguides. ACS Photonics, 2021, 8, 857-863.	3.2	31
4	Electro-optic reconfigurable two-mode (de)multiplexer on thin-film lithium niobate. Optics Letters, 2021, 46, 1001.	1.7	23
5	Ultralow-loss fusion splicing between negative curvature hollow-core fibers and conventional SMFs with a reverse-tapering method. Optics Express, 2021, 29, 22470.	1.7	34
6	Lab on optical fiber: surface nano-functionalization for real-time monitoring of VOC adsorption/desorption in metal-organic frameworks. Nanophotonics, 2021, 10, 2705-2716.	2.9	13
7	Symmetric Two-Mode Waveguide Directional Coupler on Thin-Film Lithium Niobate for Electro-Optic Mode Switching. , 2021, , .		0
8	Leaky-mode long-period grating on a lithium-niobate-on-insulator waveguide. Optica, 2021, 8, 1624.	4.8	16
9	Graphene-Buried Polymer Waveguide Mach-Zehnder Interferometer for Low-Power All-Optical Switching. , 2021, , .		0
10	Reversely tapered multicore fibers for simplified all-fiber fan-in and fan-out devices. , 2021, , .		0
11	Polymer waveguide Mach-Zehnder interferometer coated with dipolar polycarbonate for on-chip nitroaromatics detection. Sensors and Actuators B: Chemical, 2020, 305, 127406.	4.0	15
12	Equivalent Circuit of Quantum-Dot LED and Acquisition of Carrier Lifetime in Active Layer. IEEE Electron Device Letters, 2020, 41, 87-90.	2.2	6
13	Phenolic-compounds sensor based on immobilization of tyrosinase in polyacrylamide gel on long-period fiber grating. Optics and Laser Technology, 2020, 131, 106464.	2.2	14
14	Nanoscale light-matter interactions in metal-organic frameworks cladding optical fibers. Nanoscale, 2020, 12, 9991-10000.	2.8	25
15	Reconfigurable Three-Mode Converter Based On Cascaded Electro-Optic Long-Period Gratings. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-6.	1.9	19
16	Trade-Offs Between Illumination and Modulation Performances of Quantum-Dot LED. IEEE Photonics Technology Letters, 2020, 32, 726-729.	1.3	3
17	Electro-optic mode-selective switch based on cascaded three-dimensional lithium-niobate waveguide directional couplers. Optics Express, 2020, 28, 35506.	1.7	15
18	Graphene electrodes for electric poling of electro-optic polymer films. Optics Letters, 2020, 45, 2383.	1.7	10

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19	Polarization-insensitive ultra-broadband mode filter based on a 3D graphene structure buried in an optical waveguide. <i>Optica</i> , 2020, 7, 744.	4.8	22
20	Graphene-Coated Surface-Plasmon-Resonance Waveguide Biosensor. , 2020, , .		0
21	Three-Mode Switch Based on Electro-Optic Long-Period Gratings Integrated along a Lithium-Niobate Waveguide. , 2020, , .		0
22	Optical modulation in hybrid antiresonant hollow-core fiber infiltrated with vanadium dioxide phase change nanocrystals. <i>Optics Letters</i> , 2020, 45, 4240.	1.7	5
23	Electrically generated optical waveguide in a lithium-niobate thin film. <i>Optics Express</i> , 2020, 28, 29895.	1.7	3
24	Electro-Optic Mode-Selective Switch Based on Cascaded Lithium-Niobate Waveguide Directional Couplers. , 2020, , .		0
25	Polarization-Insensitive Mode Filtering With L-Shaped Graphene Structure Embedded in Polymer Waveguide. , 2020, , .		0
26	Mode (De)multiplexer Without Mode Conversion Based on Three-Core Waveguide Directional Coupler. , 2020, , .		0
27	High-Order-Mode-Pass Mode (De)Multiplexer With a Hybrid-Core Vertical Directional Coupler. <i>Journal of Lightwave Technology</i> , 2019, 37, 3932-3938.	2.7	9
28	Optofluidic laser explosive sensor with ultralow detection limit and large dynamic range using donor-acceptor-donor organic dye. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126830.	4.0	14
29	Comparison of different optical models of graphene for the analysis of graphene-attached microfibers and D-shaped fibers. <i>Optics Communications</i> , 2019, 452, 347-354.	1.0	4
30	Ultra-Broadband Mode Filter Based on Phase-Shifted Long-Period Grating. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1052-1055.	1.3	23
31	Effects of Injection Current on the Modulation Bandwidths of Quantum-Dot Light-Emitting Diodes. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 4805-4810.	1.6	10
32	A photochromic dye doped polymeric Mach-Zehnder interferometer for UV light detection. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6257-6265.	2.7	21
33	Externally pumped low-loss graphene-based fiber Mach-Zehnder all-optical switches with mW switching powers. <i>Optics Express</i> , 2019, 27, 4216.	1.7	26
34	Polarization-insensitive mode-independent thermo-optic switch based on symmetric waveguide directional coupler. <i>Optics Express</i> , 2019, 27, 35385.	1.7	19
35	Buried graphene electrode heater for a polymer waveguide thermo-optic device. <i>Optics Letters</i> , 2019, 44, 1480.	1.7	36
36	All-optical loss modulation with graphene-buried polymer waveguides. <i>Optics Letters</i> , 2019, 44, 3685.	1.7	9

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37	Mode-Selective Switch Based on Thermo-Optic Asymmetric Directional Coupler. IEEE Photonics Technology Letters, 2018, 30, 618-621.	1.3	30
38	Nano-functionalized long-period fiber grating probe for disease-specific protein detection. Journal of Materials Chemistry B, 2018, 6, 386-392.	2.9	18
39	Ultra-efficient and stable electro-optic dendrimers containing supramolecular homodimers of semifluorinated dipolar aromatics. Materials Chemistry Frontiers, 2018, 2, 901-909.	3.2	49
40	Thermo-Optically Controlled Vertical Waveguide Directional Couplers for Mode-Selective Switching. IEEE Photonics Journal, 2018, 10, 1-14.	1.0	20
41	A Lithium-Niobate Waveguide Directional Coupler for Switchable Mode Multiplexing. IEEE Photonics Technology Letters, 2018, 30, 1764-1767.	1.3	13
42	Optimization of Illumination Performance of Trichromatic White Light-Emitting Diode and Characterization of Its Modulation Bandwidth for Communication Applications. IEEE Photonics Journal, 2018, 10, 1-11.	1.0	8
43	Mode Multiplexer With Cascaded Vertical Asymmetric Waveguide Directional Couplers. Journal of Lightwave Technology, 2018, 36, 2903-2911.	2.7	46
44	Three-dimensional long-period waveguide gratings for mode-division-multiplexing applications. Optics Express, 2018, 26, 15289.	1.7	23
45	Reconfigurable broadband mode (de)multiplexer based on an integrated thermally induced long-period grating and asymmetric Y-junction. Optics Letters, 2018, 43, 2082.	1.7	36
46	Graphene electrodes for lithium-niobate electro-optic devices. Optics Letters, 2018, 43, 1718.	1.7	29
47	Fast and low-power thermo-optic switch based on organic-inorganic hybrid strip-loaded waveguides. Optics Letters, 2018, 43, 5102.	1.7	17
48	Volatile organic gas recognition with an in-line fiber Mach-Zehnder interferometer coated with ZIF-8. , 2018, , .		0
49	Symmetric lithium-niobate waveguide fabricated by bonding for mode-division-multiplexing applications. , 2018, , .		0
50	Broadband filtering of the fundamental mode of a few-mode waveguide with a phase-shifted long-period grating. , 2018, , .		1
51	Broadband Mode Router Based on Three-Dimensional Mach-Zehnder Interferometer and Waveguide Branches. , 2018, , .		4
52	Analysis of mode-selective coupling between few-mode fibers and waveguides with lateral misalignment. , 2018, , .		0
53	Polymer optical waveguide devices for mode-division-multiplexing applications. Proceedings of SPIE, 2017, , .	0.8	1
54	Tuning the strength of intramolecular charge-transfer of triene-based nonlinear optical dyes for electro-optics and optofluidic lasers. Journal of Materials Chemistry C, 2017, 5, 7472-7478.	2.7	38

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55	Horizontal Directional Coupler Formed With Waveguides of Different Heights for Mode-Division Multiplexing. IEEE Photonics Journal, 2017, 9, 1-9.	1.0	22
56	Wide-Range pH Sensor Based on a Smart- Hydrogel-Coated Long-Period Fiber Grating. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 284-288.	1.9	56
57	Light-emitting diode conditioned with YAG:Ce ³⁺ phosphors and CdSe/ZnS quantum dots for high color-rendering-index white-light generation. , 2017, , .		0
58	Graphene-Based Ammonia-Gas Sensor Using In-Fiber Mach-Zehnder Interferometer. IEEE Photonics Technology Letters, 2017, 29, 2035-2038.	1.3	47
59	Graphene-coated in-fiber Mach-Zehnder interferometer for ammonia gas sensing. , 2017, , .		0
60	Thermo-optic switchable mode multiplexer based on cascaded vertical waveguide directional couplers. , 2017, , .		2
61	Broadband mode switch based on a three-dimensional waveguide Mach-Zehnder interferometer. Optics Letters, 2017, 42, 4877.	1.7	37
62	Ultra-broadband mode converters based on length-apodized long-period waveguide gratings. Optics Express, 2017, 25, 14341.	1.7	38
63	Ultra-broadband mode multiplexers based on three-dimensional asymmetric waveguide branches. Optics Letters, 2017, 42, 407.	1.7	56
64	Ultra-broadband mode filters based on graphene-embedded waveguides. Optics Letters, 2017, 42, 3868.	1.7	45
65	Ultra-broadband mode conversion with length-apodized long-period grating on polymer waveguide. , 2017, , .		0
66	Mode-selective coupling between few-mode fibers and buried channel waveguides. Optics Express, 2016, 24, 30108.	1.7	18
67	Modulation instabilities in equilateral three-core optical fibers. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 2357.	0.9	11
68	Surface-Plasmon-Resonance Refractive-Index Sensor With Cu-Coated Polymer Waveguide. IEEE Photonics Technology Letters, 2016, 28, 1835-1838.	1.3	38
69	Electro-optic mode switch based on lithium-niobate Mach-Zehnder interferometer. Applied Optics, 2016, 55, 4418.	2.1	38
70	Experimental verification of optical models of graphene with multimode slab waveguides. Optics Letters, 2016, 41, 2129.	1.7	66
71	Mode converters based on cascaded long-period waveguide gratings. Optics Letters, 2016, 41, 3130.	1.7	60
72	Mode-Selective Characteristics of an Optical Fiber With a High-Index Core and a Photonic Bandgap Cladding. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 251-257.	1.9	5

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73	Mode Conversion with Vertical Polymer-Waveguide Directional Coupler. , 2016, , .		2
74	Broadband photonic lantern mode multiplexers based on multilayer polymer waveguides. , 2015, , .		0
75	Temperature-Insensitive Mode Converters With CO ₂ -Laser Written Long-Period Fiber Gratings. IEEE Photonics Technology Letters, 2015, 27, 1006-1009.	1.3	101
76	Mode converter with sidewall-corrugated polymer waveguide grating. , 2015, , .		2
77	Lithium-Niobate Mach-Zehnder Interferometer With Enhanced Index Contrast by SiO ₂ Film. IEEE Photonics Technology Letters, 2015, 27, 1224-1227.	1.3	10
78	Breathers and "rogue waves" of coupled nonlinear Schrödinger equations with dispersion and nonlinearity of opposite signs. Communications in Nonlinear Science and Numerical Simulation, 2015, 28, 28-38.	1.7	30
79	Compact Three-Dimensional Polymer Waveguide Mode Multiplexer. Journal of Lightwave Technology, 2015, 33, 4580-4588.	2.7	67
80	Mode switch based on electro-optic long-period waveguide grating in lithium niobate. Optics Letters, 2015, 40, 237.	1.7	46
81	Compact three-core fibers with ultra-low differential group delays for broadband mode-division multiplexing. Optics Express, 2015, 23, 20867.	1.7	12
82	Mode multiplexer based on integrated horizontal and vertical polymer waveguide couplers. Optics Letters, 2015, 40, 3125.	1.7	50
83	Polarization Switching in a Mode-Locked Fiber Laser Based on Reduced Graphene Oxide. IEEE Photonics Technology Letters, 2015, 27, 2535-2538.	1.3	6
84	Widely Wavelength-Tunable Mode Converter Based on Polymer Waveguide Grating. IEEE Photonics Technology Letters, 2015, 27, 1985-1988.	1.3	39
85	Application of the Hilbert Transform Method for the Retrieval of the Phase Characteristics of Plasmonic Metal Bragg Gratings. Plasmonics, 2015, 10, 107-115.	1.8	0
86	Sidewall-Grating-Assisted Polymer-Waveguide Directional Coupler for Forward Coupling of Fundamental Modes. , 2015, , .		6
87	Mode Rotator with Two Cascaded Waveguide Gratings. , 2015, , .		0
88	Graphene enhanced evanescent field in microfiber multimode interferometer for highly sensitive gas sensing. Optics Express, 2014, 22, 28154.	1.7	71
89	Graphene Bragg gratings on microfiber. Optics Express, 2014, 22, 23829.	1.7	18
90	UV exposure on a single-mode fiber within a multimode interference structure. Optics Letters, 2014, 39, 6521.	1.7	3

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91	Temperature-Insensitive Real-Time Inclinometer Based on an Etched Fiber Bragg Grating. IEEE Photonics Technology Letters, 2014, 26, 1049-1052.	1.3	17
92	Graphene-based D-shaped fiber multicore mode interferometer for chemical gas sensing. Optics Letters, 2014, 39, 6030.	1.7	44
93	Mode-Locked Fiber Laser With Transverse-Mode Selection Based on a Two-Mode FBG. IEEE Photonics Technology Letters, 2014, 26, 1766-1769.	1.3	57
94	Propagation of Solitary Pulses in Optical Fibers with Both Self-Steepening and Quintic Nonlinear Effects. Communications in Theoretical Physics, 2014, 61, 735-741.	1.1	4
95	A real-time inclinometer based on an etched fiber Bragg grating connected to hollow-core fiber. , 2014, , .		0
96	Switching of ultrashort pulses in nonlinear high-birefringence two-core optical fibers. Optics Communications, 2014, 318, 11-16.	1.0	6
97	Graphene-coated microfiber Bragg grating for high-sensitivity gas sensing. Optics Letters, 2014, 39, 1235.	1.7	170
98	Four-Wave Mixing in a Microfiber Attached Onto a Graphene Film. IEEE Photonics Technology Letters, 2014, 26, 249-252.	1.3	66
99	Modulation instability with arbitrarily high perturbation frequencies in metamaterials with nonlinear dispersion and saturable nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1484.	0.9	26
100	Effects of average index variation in apodized long-period fiber gratings. Photonic Sensors, 2013, 3, 102-111.	2.5	4
101	Effect of irradiation symmetry of CO ₂ laser on mode coupling in long-period gratings inscribed in photonic crystal fiber. Proceedings of SPIE, 2013, , .	0.8	1
102	Remote high temperature sensing with a reflective bandpass long-period fiber grating and a fiber ring laser. Measurement Science and Technology, 2013, 24, 094023.	1.4	4
103	Two-core photonic crystal fiber with zero intermodal dispersion. Optics Communications, 2013, 293, 49-53.	1.0	2
104	Micro-Fiber-Based FBC Sensor for Simultaneous Measurement of Vibration and Temperature. IEEE Photonics Technology Letters, 2013, 25, 1751-1753.	1.3	45
105	Phase Retrieval From Transmission Spectrum for Long-Period Fiber Gratings. Journal of Lightwave Technology, 2013, 31, 2223-2229.	2.7	4
106	Propylene Carbonate Based Compact Fiber Mach-Zehnder Interferometric Electric Field Sensor. Journal of Lightwave Technology, 2013, 31, 1566-1572.	2.7	14
107	Micro-fiber inclinometer based on deformation of FBG. Proceedings of SPIE, 2013, , .	0.8	0
108	All-fiber vibration sensor based on a Fabry-Perot interferometer and a microstructure beam. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1211.	0.9	42

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109	Long-period gratings inscribed in photonic crystal fiber by symmetric CO ₂ laser irradiation. Optics Express, 2013, 21, 13208.	1.7	26
110	Industry Compatible Embossing Process for the Fabrication of Waveguide-Embedded Optical Printed Circuit Boards. Journal of Lightwave Technology, 2013, 31, 4045-4050.	2.7	14
111	Modulation instabilities in birefringent two-core optical fibres. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 165404.	0.6	22
112	Pressure-assisted low-loss fusion splicing between photonic crystal fiber and single-mode fiber. Optics Express, 2012, 20, 24465.	1.7	25
113	CO ₂ laser induced refractive index changes in optical polymers. Optics Express, 2012, 20, 576.	1.7	7
114	Long-Period Fiber Grating Within D-Shaped Fiber Using Magnetic Fluid for Magnetic-Field Detection. IEEE Photonics Journal, 2012, 4, 2095-2104.	1.0	58
115	Remote sensing based on reflective bandpass long-period fiber grating and fiber ring laser. , 2012, , .		1
116	Electro-optic long-period waveguide grating devices. , 2012, , .		0
117	All Single-Mode Fiber Mach-Zehnder Interferometer Based on Two Peanut-Shape Structures. Journal of Lightwave Technology, 2012, 30, 805-810.	2.7	110
118	Formulae for the Design of Polarization-Insensitive Multimode Interference Couplers. IEEE Photonics Technology Letters, 2011, 23, 1277-1279.	1.3	12
119	Bottom-Heating Approach for the Realization of Thermo-optic Polymer Waveguide Devices. IEEE Photonics Technology Letters, 2011, 23, 155-157.	1.3	2
120	Modulation instabilities in two-core optical fibers. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1693.	0.9	70
121	Wavelength switching of picosecond pulses generated from a self-seeded Fabry-Perot laser diode with a tilted fiber Bragg grating formed in a graded-index multimode fiber. Applied Optics, 2011, 50, 829.	2.1	3
122	Tunable negative-tap photonic microwave filter based on a cladding-mode coupler and an optically injected laser of large detuning. Optics Express, 2011, 19, 12045.	1.7	16
123	Torsion sensing with a fiber ring laser incorporating a pair of rotary long-period fiber gratings. Optics Communications, 2011, 284, 5299-5302.	1.0	61
124	Nonlinear Switching of Ultrashort Pulses in Multicore Fibers. IEEE Journal of Quantum Electronics, 2011, 47, 1499-1505.	1.0	21
125	Optical sensing based on light coupling between two parallel long-period fiber gratings. Photonic Sensors, 2011, 1, 204-209.	2.5	1
126	Propagation of ultrashort pulses in a nonlinear two-core photonic crystal fiber. Applied Physics B: Lasers and Optics, 2010, 98, 815-820.	1.1	23

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127	Fabry-Perot optical fiber tip sensor for high temperature measurement. Optics Communications, 2010, 283, 3683-3685.	1.0	108
128	Development of optical polymer waveguide devices. , 2010, , .		6
129	All-Fiber Tunable Microwave Photonic Filter Based on a Cladding-Mode Coupler. IEEE Photonics Technology Letters, 2010, 22, 1241-1243.	1.3	5
130	Planar long-period grating filter based on long-range surface plasmon mode of buried metal stripe waveguide. Optics Express, 2010, 18, 8963.	1.7	9
131	Pulse propagation in a decoupled two-core fiber. Optics Express, 2010, 18, 21261.	1.7	11
132	Thermally tunable lithium-niobate long-period waveguide grating filter fabricated by reactive ion etching. Optics Letters, 2010, 35, 484.	1.7	22
133	Microwave photonic filter based on circulating a cladding mode in a fiber ring resonator. Optics Letters, 2010, 35, 769.	1.7	21
134	Analysis of Lithium Niobate Electrooptic Long-Period Waveguide Gratings. Journal of Lightwave Technology, 2010, 28, 1477-1484.	2.7	11
135	CO ₂ -laser writing of long-period gratings in tensioned boron-doped fibers. , 2009, , .		0
136	Propagation of ultrashort pulses in a nonlinear long-period fiber grating. Applied Physics B: Lasers and Optics, 2009, 94, 599-607.	1.1	5
137	Fabrication of segmented cladding fiber by bicomponent spinning. Polymer Engineering and Science, 2009, 49, 1865-1870.	1.5	16
138	UV-written long-period waveguide grating coupler for broadband add/drop multiplexing. Optics Communications, 2009, 282, 378-381.	1.0	10
139	Effects of group-delay difference on ultrashort pulse propagation in an active nonlinear LPFG. Optics Communications, 2009, 282, 4796-4799.	1.0	0
140	Optical coupling between a long-period fiber grating and a parallel tilted fiber Bragg grating. Optics Letters, 2009, 34, 1726.	1.7	28
141	Characterization of Long-Period Fiber Gratings Written by CO ₂ Laser in Twisted Single-Mode Fibers. Journal of Lightwave Technology, 2009, 27, 4863-4869.	2.7	42
142	CO ₂ laser writing of long-period fiber grating in photonic crystal fiber under tension. Optics Express, 2009, 17, 4533.	1.7	28
143	Refractive-index sensor based on long-range surface plasmon mode excitation with longperiod waveguide grating. Optics Express, 2009, 17, 7933.	1.7	39
144	All-fiber bandwidth-tunable band-rejection filter based on a composite grating induced by CO ₂ laser pulses. Optics Express, 2009, 17, 16750.	1.7	7

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145	Active chromatic control on the group velocity of light at arbitrary wavelength in benzocyclobutene polymer. Optics Express, 2009, 17, 18292.	1.7	2
146	Development of long-period fiber grating coupling devices. Applied Optics, 2009, 48, F61.	2.1	13
147	Design and Fabrication of Polymer Cross Fiber for Large-Core Single-Mode Operation. Journal of Lightwave Technology, 2009, 27, 101-107.	2.7	14
148	Glass Structure Changes in CO ₂ -Laser Writing of Long-Period Fiber Gratings in Boron-Doped Single-Mode Fibers. Journal of Lightwave Technology, 2009, 27, 857-863.	2.7	81
149	Highly Sensitive Temperature-Independent Strain Sensor Based on a Long-Period Fiber Grating With a CO ₂ -Laser Engraved Rotary Structure. IEEE Photonics Technology Letters, 2009, 21, 543-545.	1.3	25
150	Writing of Apodized Phase-Shifted Long-Period Fiber Gratings With a Computer-Controlled CO ₂ Laser. IEEE Photonics Technology Letters, 2009, 21, 657-659.	1.3	27
151	CO ₂ Laser-Written Long-Period Fiber Gratings in a Germanium-Boron Codoped Fiber: Effects of Applying Tension During the Writing Process. IEEE Photonics Technology Letters, 2009, 21, 1456-1458.	1.3	9
152	Wavelength-Switchable Picosecond Laser Pulses Generated from a Self-Seeded Fabry-Perot Laser Diode and a Tilted Multimode Fiber Bragg Grating. , 2009, , .		0
153	Large-core single-mode channel waveguide based on geometrically shaped leaky cladding. Applied Physics B: Lasers and Optics, 2008, 90, 507-512.	1.1	12
154	Light guidance in a photonic bandgap slab waveguide consisting of two different Bragg reflectors. Optics Communications, 2008, 281, 5797-5803.	1.0	13
155	Growth of c-axis orientation ZnO films on polymer substrates by radio-frequency magnetron sputtering. Optical Materials, 2008, 30, 1244-1250.	1.7	13
156	Writing of Long-Period Gratings in Conventional and Photonic-Crystal Polarization-Maintaining Fibers by CO ₂ -Laser Pulses. IEEE Photonics Technology Letters, 2008, 20, 132-134.	1.3	43
157	Broadband Multiport Dynamic Optical Power Distributor Based on Thermo-optic Polymer Waveguide Vertical Couplers. IEEE Photonics Technology Letters, 2008, 20, 273-275.	1.3	5
158	Lithium-Niobate Channel Waveguide for the Realization of Long-Period Gratings. IEEE Photonics Technology Letters, 2008, 20, 1258-1260.	1.3	12
159	CO ₂ laser writing of long-period fiber gratings in optical fibers under tension. Optics Letters, 2008, 33, 1933.	1.7	48
160	Refractive-Index Profiling of Buried Planar Waveguides by an Inverse Wentzel-Kramers-Brillouin Method. Journal of Lightwave Technology, 2008, 26, 1367-1373.	2.7	9
161	Analysis of Erbium-Doped Ultralarge-Core Segmented-Cladding Fibers for Optical Amplification. Journal of Lightwave Technology, 2008, 26, 3098-3103.	2.7	5
162	Analysis of Six-Port Optical Fiber Couplers Based on Three Parallel Long-Period Fiber Gratings. Journal of Lightwave Technology, 2008, 26, 3277-3286.	2.7	7

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163	Laser-micromachined Fabry-Perot optical fiber tip sensor for high-resolution temperature-independent measurement of refractive index. Optics Express, 2008, 16, 2252.	1.7	318
164	Electro-optic long-period waveguide gratings in lithium niobate. Optics Express, 2008, 16, 20409.	1.7	26
165	CO ₂ -laser Writing of Polymer Long-Period Waveguide Gratings. , 2008, , .		2
166	Technique of applying the prism-coupler method for accurate measurement of the effective indices of channel waveguides. Optical Engineering, 2008, 47, 034601.	0.5	19
167	Dynamics in the writing of long-period gratings in boron-doped fibers by CO ₂ -laser pulses. , 2008, , .		0
168	High-sensitivity temperature-independent strain sensor based on a long-period fiber grating with a CO ₂ -laser engraved rotary structure. , 2008, , .		1
169	Development of Long-Period Fiber Grating Coupling Devices. , 2008, , .		0
170	Mach-Zehnder Electro-Optic Modulator Based on Epitaxial Ba _{0.7} Sr _{0.3} TiO ₃ Thin Films. Ferroelectrics, 2007, 357, 109-114.	0.3	2
171	Disappearance of modes in planar Bragg waveguides. Optics Letters, 2007, 32, 2369.	1.7	5
172	Symmetric 3 x 3 optical coupler using three parallel long-period fiber gratings. Optics Express, 2007, 15, 6494.	1.7	14
173	Light coupling between two parallel CO ₂ -laser written long-period fiber gratings. Optics Express, 2007, 15, 17645.	1.7	47
174	Characterization of Ultrathin Dielectric Films With the Prism-Coupler Method. Journal of Lightwave Technology, 2007, 25, 1206-1212.	2.7	10
175	Characterization of Single-Mode Fiber With Fiber Bragg Gratings for the Design of Long-Period Gratings. Journal of Lightwave Technology, 2007, 25, 2129-2134.	2.7	5
176	Characterization of Cladding Modes for the Design of Long-Period Fiber Gratings. , 2007, , .		0
177	Effects of intrapulse stimulated Raman scattering on short pulse propagation in a nonlinear two-core fiber. Applied Physics B: Lasers and Optics, 2007, 87, 45-52.	1.1	4
178	CO ₂ -laser-induced long-period gratings in graded-index multimode fibers for sensor applications. IEEE Photonics Technology Letters, 2006, 18, 190-192.	1.3	21
179	Broad-band optical coupler based on evanescent-field coupling between three parallel long-period fiber gratings. IEEE Photonics Technology Letters, 2006, 18, 229-231.	1.3	11
180	Band-rejection filter with widely tunable center wavelength and contrast using metal long-period grating on polymer waveguide. IEEE Photonics Technology Letters, 2006, 18, 1109-1111.	1.3	32

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181	Fiber-Bragg-grating cavity sensor interrogated with a self-seeded fabry-Perot laser diode. IEEE Photonics Technology Letters, 2006, 18, 2153-2155.	1.3	13
182	Condition for the realization of a temperature-insensitive long-period waveguide grating. Optics Letters, 2006, 31, 2716.	1.7	18
183	Widely tunable long-period waveguide grating couplers. Optics Express, 2006, 14, 12644.	1.7	44
184	Widely tunable optical bandpass filter by use of polymer long-period waveguide gratings. Applied Optics, 2006, 45, 2755.	2.1	33
185	Design and fabrication of a broadband polymer vertically coupled optical switch. Journal of Lightwave Technology, 2006, 24, 904-911.	2.7	23
186	Transfer-matrix method for the analysis of two parallel dissimilar nonuniform long-period fiber gratings. Journal of Lightwave Technology, 2006, 24, 1008-1018.	2.7	13
187	Design of long-period waveguide grating filter by control of waveguide cladding profile. Journal of Lightwave Technology, 2006, 24, 3540-3546.	2.7	10
188	Analysis of long-period waveguide grating arrays. Journal of Lightwave Technology, 2006, 24, 3856-3863.	2.7	13
189	Optical rib waveguide based on epitaxial Ba _{0.7} Sr _{0.3} TiO ₃ thin film grown on MgO. Thin Solid Films, 2006, 510, 329-333.	0.8	16
190	Leaky optical waveguide for high power applications. Applied Physics B: Lasers and Optics, 2006, 85, 11-16.	1.1	15
191	Polarization-insensitive polymer waveguide Bragg gratings. Microwave and Optical Technology Letters, 2006, 48, 334-338.	0.9	9
192	CO/sub 2/-laser fabricated long-period grating sensors in graded-index multimode fibers. , 2006, , .		0
193	Radial Effective Index Method for the Analysis of Microstructured Fibers. , 2006, , 83-90.		1
194	Fiber-bragg-grating force sensor based on a wavelength switching actively mode-locked fiber laser. , 2005, , .		1
195	Interrogation of fiber Bragg grating sensors using dual-wavelength pulses generated from a self-seeded Fabry-Perot laser diode. , 2005, , .		0
196	Properties of PCF-based long period gratings. , 2005, , .		3
197	Generation of multiwavelength picosecond pulses using a self-seeded Fabry-Perot laser diode and a spectrum-split fiber Bragg grating. , 2005, , .		0
198	Analysis of apodized phase-shifted long-period fiber gratings. Optics Communications, 2005, 244, 233-243.	1.0	42

#	ARTICLE	IF	CITATIONS
199	Design and fabrication of a three-dimensional polymer optical waveguide polarization splitter. Optics Communications, 2005, 250, 297-301.	1.0	13
200	Interrogation of fiber Bragg grating displacement/bending sensors using dual-wavelength pulses generated from a self-seeded Fabry-Perot laser diode. Optical Engineering, 2005, 44, 114401.	0.5	2
201	Refractive-index profiling of single-mode graded-index optical planar waveguides by the inverse Wentzel-Kramers-Brillouin method with improved accuracy. Optical Engineering, 2005, 44, 054601.	0.5	5
202	THEORY OF PULSE PROPAGATION IN OPTICAL DIRECTIONAL COUPLERS. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 133-147.	1.1	9
203	Pulsed Laser Deposition of Ba _{0.6} Sr _{0.4} TiO ₃ Thin Films and Their Optical Properties. Integrated Ferroelectrics, 2005, 69, 443-451.	0.3	2
204	UV-written buried waveguide devices in epoxy-coated benzocyclobutene. , 2005, , .		1
205	Temperature sensitivity of a long-period waveguide grating in a channel waveguide. Applied Physics Letters, 2005, 86, 241115.	1.5	36
206	Generation of picosecond pulses at five close wavelengths by use of a self-seeded Fabry-Perot laser diode and a spectrum-split fiber Bragg grating. Applied Optics, 2005, 44, 2895.	2.1	5
207	Fiber-Bragg-grating force sensor based on a wavelength-switching actively mode-locked erbium-doped fiber laser. Applied Optics, 2005, 44, 4822.	2.1	12
208	Microbend-induced mode coupling in a graded-index multimode fiber. Applied Optics, 2005, 44, 7394.	2.1	44
209	Analysis and design of long-period waveguide-grating couplers. Journal of Lightwave Technology, 2005, 23, 4363-4373.	2.7	22
210	Long-period gratings in polymer ridge waveguides. Optics Express, 2005, 13, 1150.	1.7	25
211	Fiber-Bragg-grating force sensor based on a wavelength-switched self-seeded Fabry-Perot laser diode. IEEE Photonics Technology Letters, 2005, 17, 450-452.	1.3	18
212	UV-written long-period gratings on polymer waveguides. IEEE Photonics Technology Letters, 2005, 17, 594-596.	1.3	45
213	Polarization dependence in polymer waveguide directional couplers. IEEE Photonics Technology Letters, 2005, 17, 1465-1467.	1.3	6
214	Tailoring the transmission characteristics of polymer long-period waveguide gratings by UV irradiation. IEEE Photonics Technology Letters, 2005, 17, 2340-2342.	1.3	12
215	Fiber Bragg-grating incorporated microbend sensor for simultaneous mechanical parameter and temperature measurement. IEEE Photonics Technology Letters, 2005, 17, 2697-2699.	1.3	7
216	Soliton interaction in a two-core optical fiber. Optics Communications, 2004, 229, 431-439.	1.0	60

#	ARTICLE	IF	CITATIONS
217	Long-Period Waveguide Gratings. Japanese Journal of Applied Physics, 2004, 43, 5690-5696.	0.8	15
218	Multiplexing of Temperature-Compensated Fiber-Bragg-Grating Magnetostrictive Sensors With a Dual-Wavelength Pulse Laser. IEEE Photonics Technology Letters, 2004, 16, 572-574.	1.3	16
219	Generation of Dual-Wavelength Picosecond Pulses From a Self-Seeded Fabry-Pérot Laser Diode and a Polarization-Maintaining Fiber Bragg Grating. IEEE Photonics Technology Letters, 2004, 16, 1742-1744.	1.3	23
220	Birefringence characteristics of benzocyclobutene rib optical waveguides. Electronics Letters, 2004, 40, 372.	0.5	14
221	Scaling property and multi-resonance of PCF-based long period gratings. Optics Express, 2004, 12, 6252.	1.7	18
222	Analysis of Two Parallel Long-Period Fiber Gratings. Journal of Lightwave Technology, 2004, 22, 1358-1366.	2.7	55
223	Propagation of short pulses in an active nonlinear two-core optical fiber. IEEE Journal of Quantum Electronics, 2004, 40, 1597-1602.	1.0	18
224	Temperature compensation for a fiber-Bragg-grating-based magnetostrictive sensor. Microwave and Optical Technology Letters, 2003, 36, 211-213.	0.9	13
225	Evaluation of intermodal dispersion in a two-core fiber with non-identical cores. Optics Communications, 2003, 219, 171-176.	1.0	14
226	Birefringence in benzocyclobutene strip optical waveguides. IEEE Photonics Technology Letters, 2003, 15, 700-702.	1.3	32
227	Widely tunable long-period gratings fabricated in polymer-clad ion-exchanged glass waveguides. IEEE Photonics Technology Letters, 2003, 15, 1094-1096.	1.3	81
228	Generation of dual-wavelength picosecond pulses with close wavelength separation from a self-seeded Fabry-Perot laser diode. IEEE Photonics Technology Letters, 2003, 15, 1452-1454.	1.3	16
229	Analysis of corrugated long-period gratings in slab waveguides and their polarization dependence. Journal of Lightwave Technology, 2003, 21, 3399-3405.	2.7	67
230	Holey optical fiber with circularly distributed holes analyzed by the radial effective-index method. Optics Letters, 2003, 28, 2449.	1.7	24
231	Temperature-compensated fiber-Bragg-grating-based magnetostrictive sensor for dc and ac currents. Optical Engineering, 2003, 42, 1906.	0.5	47
232	Triangular-shaped bulk-optic glass sensor for simultaneous measurement of three ac currents. Optical Engineering, 2003, 42, 421.	0.5	0
233	Magneto-optical electric-current sensor with enhanced sensitivity. Measurement Science and Technology, 2002, 13, N61-N63.	1.4	17
234	Large mode area single-mode fiber: a modified segmented cladding fiber. , 2002, , .		0

#	ARTICLE	IF	CITATIONS
235	Long-period gratings in planar optical waveguides. Applied Optics, 2002, 41, 6351.	2.1	94
236	A wide-angle X-junction in polymer using truncated-structural branches (TSB). Journal of Lightwave Technology, 2002, 20, 86-91.	2.7	13
237	Study of polarization-dependent coupling in optical waveguide directional couplers by the effective-index method with built-in perturbation correction. Journal of Lightwave Technology, 2002, 20, 1018-1026.	2.7	25
238	Temperature compensation of long-period fiber grating for refractive-index sensing with bending effect. IEEE Photonics Technology Letters, 2002, 14, 361-362.	1.3	86
239	Soliton states in a nonlinear directional coupler with intermodal dispersion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 27-34.	0.9	15
240	Thermal effects on the transmission spectra of long-period fiber gratings. Optics Communications, 2002, 208, 321-327.	1.0	96
241	Recent Advances in the Analysis of Long-Period Fibre Gratings. , 2002, , .		0
242	Polarimetric four-wave mixing in a single-mode fiber. IEEE Photonics Technology Letters, 2001, 13, 803-805.	1.3	2
243	Gain flattening of an erbium-doped fiber amplifier using a high-birefringence fiber loop mirror. IEEE Photonics Technology Letters, 2001, 13, 942-944.	1.3	43
244	Fast wavelength tuning of a self-seeded Fabry-Perot laser diode with a Fabry-Perot semiconductor filter. IEEE Photonics Technology Letters, 2001, 13, 1364-1366.	1.3	10
245	Propagation characteristics of a segmented cladding fiber. Optics Letters, 2001, 26, 491.	1.7	61
246	Design of polarization-insensitive Bragg gratings in zero-birefringence ridge waveguides. IEEE Journal of Quantum Electronics, 2001, 37, 1138-1145.	1.0	22
247	<title>Temperature-insensitive fiber-Bragg-grating-based vibration sensor</title> . , 2001, 4317, 585.		1
248	A push-pull digital optical switch (DOS) in polymer using truncated-structuralX-branches (TSXB). Microwave and Optical Technology Letters, 2001, 30, 208-211.	0.9	0
249	The WDM performance of compactX-junction switches in polymer. Microwave and Optical Technology Letters, 2001, 28, 423-426.	0.9	2
250	High-sensitivity pressure sensor using a shielded polymer-coated fiber Bragg grating. IEEE Photonics Technology Letters, 2001, 13, 618-619.	1.3	144
251	Simultaneous existence of a multiplicity of stable and unstable solitons in dissipative systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 115-123.	0.9	48
252	New design of a detachable bulk-optic Faraday effect current clamp. Optical Engineering, 2001, 40, 914.	0.5	7

#	ARTICLE	IF	CITATIONS
253	Temperature-insensitive fiber-Bragg-grating-based vibration sensor. <i>Optical Engineering</i> , 2001, 40, 2582.	0.5	33
254	<title>Interrogation of fiber Bragg grating sensors with a fiber grating filter tuned by a cantilever beam</title>. , 2001, , .		0
255	Tunable long-period fiber gratings for EDFA gain and ASE equalization. <i>Microwave and Optical Technology Letters</i> , 2000, 25, 181-184.	0.9	37
256	Calculation of confinement factors for multiple-quantum-well optical amplifiers by the effective-index model. <i>Microwave and Optical Technology Letters</i> , 2000, 25, 275-278.	0.9	1
257	Tunable fiber attenuators for channel power equalization in WDM systems. <i>Microwave and Optical Technology Letters</i> , 2000, 26, 1-4.	0.9	3
258	A digital optical switch (DOS) in polymer using truncated-structuralX-branches (TSXB). <i>Microwave and Optical Technology Letters</i> , 2000, 27, 229-233.	0.9	3
259	A polarization-compensated EDFA gain equalizer. <i>Microwave and Optical Technology Letters</i> , 2000, 27, 419-422.	0.9	6
260	Experimental demonstration of cross-polarisation mixing of a laser beam and a spectrum of light in a single-mode optical fibre. <i>Optics Communications</i> , 2000, 176, 101-104.	1.0	3
261	New design of optical electric-current sensor for sensitivity improvement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2000, 49, 418-423.	2.4	13
262	Simultaneous pressure and temperature measurement with polymer-coated fibre Bragg grating. <i>Electronics Letters</i> , 2000, 36, 564.	0.5	121
263	Generation of wavelength-tunable single-mode picosecond pulses from a self-seeded gain-switched Fabryâ€“Perot laser diode with a high-birefringence fiber loop mirror. <i>Applied Physics Letters</i> , 2000, 76, 3676-3678.	1.5	24
264	Fast accurate wavelength switching of an erbium-doped fiber laser with a Fabryâ€“Perot semiconductor filter and fiber Bragg gratings. <i>Applied Physics Letters</i> , 2000, 77, 4268-4270.	1.5	3
265	Analysis of etched long-period fibre grating and its response to external refractive index. <i>Electronics Letters</i> , 2000, 36, 966.	0.5	167
266	Coupling between two parallel long-period fibre gratings. <i>Electronics Letters</i> , 2000, 36, 1408.	0.5	54
267	Refractive-index profiling of graded-index planar waveguides from effective indexes measured with different external refractive indexes. <i>Journal of Lightwave Technology</i> , 2000, 18, 1412-1417.	2.7	22
268	Phase drift compensation for electric current sensor employing a twisted fiber or a spun highly birefringent fiber. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2000, 6, 803-809.	1.9	9
269	Design of waveguide structures for polarization-insensitive optical amplification. <i>IEEE Journal of Quantum Electronics</i> , 2000, 36, 1243-1250.	1.0	5
270	Multiwavelength erbium-doped fibre laser based on a high-birefringence fibre loop mirror. <i>Electronics Letters</i> , 2000, 36, 1609.	0.5	143

#	ARTICLE	IF	CITATIONS
271	A novel tunable all-optical incoherent negative-tap fiber-optic transversal filter based on a DFB laser diode and fiber Bragg gratings. IEEE Photonics Technology Letters, 2000, 12, 1207-1209.	1.3	55
272	Self-seeding of Fabry-Perot laser diode for generating wavelength-tunable chirp-compensated single-mode pulses with high-sidemode suppression ratio. IEEE Photonics Technology Letters, 2000, 12, 1441-1443.	1.3	26
273	The Effect of Radiation on Transmission of Quasi-Periodic Multi-Layer Planar Dielectric Gratings. Journal of Infrared, Millimeter and Terahertz Waves, 1999, 20, 681-698.	0.6	4
274	A wide-angle polymeric Y-junction using gradient-index (GRIN) zones. Microwave and Optical Technology Letters, 1999, 22, 126-129.	0.9	5
275	A novel wide-angle polymeric X-junction using truncated-structural branches (TSB). Microwave and Optical Technology Letters, 1999, 22, 197-200.	0.9	4
276	Switching dynamics of short optical pulses in a nonlinear directional coupler. IEEE Journal of Quantum Electronics, 1999, 35, 79-83.	1.0	44
277	Theory of zero-birefringence multiple-quantum-well optical waveguides. IEEE Journal of Quantum Electronics, 1999, 35, 1554-1564.	1.0	7
278	Effective-index method with built-in perturbation correction for the vector modes of rectangular-core optical waveguides. Journal of Lightwave Technology, 1999, 17, 716-722.	2.7	22
279	<title>Novel temperature compensation techniques for fiber Bragg gratings-based magnetostrictive sensors</title>. , 1999, 3897, 87.		3
280	Wavelength tuning in self-seeded gain-switched Fabry-Perot laser diode with Moire-grating. Electronics Letters, 1999, 35, 2209.	0.5	11
281	Analysis of phase-shifted long-period fiber gratings. IEEE Photonics Technology Letters, 1998, 10, 1596-1598.	1.3	91
282	Electrode optimization for high-speed traveling-wave integrated optic modulators. Journal of Lightwave Technology, 1998, 16, 232-238.	2.7	34
283	Design of optical strip-loaded waveguides with zero modal birefringence. Journal of Lightwave Technology, 1998, 16, 1240-1248.	2.7	25
284	Design of zero-birefringence semiconductor waveguides. , 1998, , .		4
285	An electric-current sensor employing twisted fibre with compensation for temperature and polarization fluctuations. Measurement Science and Technology, 1997, 8, 606-610.	1.4	6
286	Temperature sensitivity of coated stress-induced birefringent optical fibers. Optical Engineering, 1997, 36, 999.	0.5	10
287	Propagation of short optical pulses in directional couplers with Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 1437.	0.9	85
288	Coupled-mode equations for pulse switching in parallel waveguides. IEEE Journal of Quantum Electronics, 1997, 33, 950-954.	1.0	48

#	ARTICLE	IF	CITATIONS
289	Design of modified phase reversal electrode in broad-band electrooptic modulators at 100 GHz. IEEE Transactions on Microwave Theory and Techniques, 1997, 45, 142-145.	2.9	5
290	Design and analysis of coplanar waveguide optical modulator using finite element method. Journal of Infrared, Millimeter and Terahertz Waves, 1997, 18, 875-887.	0.6	1
291	Experimental separation of different kinds of optical losses in integrated electro-optic modulators. Microwave and Optical Technology Letters, 1997, 14, 305-307.	0.9	0
292	Refractive-index profiling of graded-index planar waveguides from effective indexes measured for both mode types and at different wavelengths. Journal of Lightwave Technology, 1996, 14, 827-832.	2.7	17
293	Effective-index method with built-in perturbation correction for integrated optical waveguides. Journal of Lightwave Technology, 1996, 14, 223-228.	2.7	17
294	Rib waveguides with degenerate polarised modes. Electronics Letters, 1996, 32, 1098.	0.5	14
295	Analysis of the effective-index method for the vector modes of rectangular-core dielectric waveguides. IEEE Transactions on Microwave Theory and Techniques, 1996, 44, 692-700.	2.9	44
296	<title>Effective-index analysis of optical waveguides</title>. , 1995, , .		18
297	Simplified universal dispersion curves for graded-index planar waveguides based on the WKB method. Journal of Lightwave Technology, 1995, 13, 158-162.	2.7	6
298	Review of numerical and approximate methods for the modal analysis of general optical dielectric waveguides. Optical and Quantum Electronics, 1994, 26, S113-S134.	1.5	153
299	Iterative methods and stability of TE modes of nonlinear planar waveguides. Optics Communications, 1994, 109, 59-64.	1.0	7
300	Determination of equivalent step-index fibres from Petermann spot sizes. Electronics Letters, 1994, 30, 1881-1882.	0.5	0
301	Stimulated Raman scattering in a multimode optical fiber: self-focusing or mode competition?. Optics Communications, 1993, 95, 235-238.	1.0	8
302	Ultraviolet photolytic-induced changes in optical fibers: the thermal expansion coefficient. Optics Letters, 1993, 18, 965.	1.7	17
303	Effects of elastic inhomogeneity on the intrinsic birefringence in a stress-induced birefringent optical fiber: a simple theory. Journal of Lightwave Technology, 1992, 10, 12-16.	2.7	5
304	Coupled-zigzag-wave theory for guided waves in slab waveguide arrays. Journal of Lightwave Technology, 1992, 10, 1380-1387.	2.7	13
305	Stimulated Raman scattering in a multimode optical fiber: evolution of modes in Stokes waves. Optics Letters, 1992, 17, 352.	1.7	62
306	Effective-index method for the analysis of optical waveguide couplers and arrays: an asymptotic theory. Journal of Lightwave Technology, 1991, 9, 62-72.	2.7	39

#	ARTICLE	IF	CITATIONS
307	Comments, with reply, on 'Determination of two-dimensional optical waveguide index distribution function parameters from effective indexes' by T. Shiozawa et al. Journal of Lightwave Technology, 1991, 9, 414-415.	2.7	2
308	Design of highly birefringent fibers to optimize or minimize pressure-induced birefringence. IEEE Photonics Technology Letters, 1991, 3, 654-656.	1.3	14
309	Dispersion characteristics of strip dielectric waveguides. IEEE Transactions on Microwave Theory and Techniques, 1991, 39, 349-352.	2.9	27
310	Perturbation analysis of finitely clad optical waveguides and couplers. Optical and Quantum Electronics, 1990, 22, 239-257.	1.5	2
311	Detection of high-frequency ultrasound with a polarization-maintaining fiber. Journal of Lightwave Technology, 1990, 8, 1221-1227.	2.7	32
312	The characterization of high-frequency ultrasonic fields using a polarimetric optical fiber sensor. Journal of Applied Physics, 1989, 66, 1565-1570.	1.1	25
313	Use of a fibre-optic hydrophone in measuring acoustic parameters of high power hyperthermia transducers. Physics in Medicine and Biology, 1989, 34, 1609-1622.	1.6	12
314	Acousto-optical modulation method for measuring the beat length of a linearly birefringent optical fiber. Optics Letters, 1989, 14, 1029.	1.7	7
315	Stress-induced birefringence fibers designed for single-polarization single-mode operation. Journal of Lightwave Technology, 1989, 7, 436-441.	2.7	44
316	Dual-sensor technique for extending the dynamic range of a fiber-optic interferometric sensor. Optics Letters, 1988, 13, 850.	1.7	4
317	Geometrical birefringence in a class of step-index fiber. Journal of Lightwave Technology, 1987, 5, 737-744.	2.7	18
318	Finite-element analysis of optical fibres with iterative treatment of the infinite 2-D space. Optical and Quantum Electronics, 1985, 17, 381-391.	1.5	39
319	Construction of refractive-index profiles of planar dielectric waveguides from the distribution of effective indexes. Journal of Lightwave Technology, 1985, 3, 385-391.	2.7	305
320	Finite element method for cutoff frequencies of weakly guiding fibres of arbitrary cross-section. Optical and Quantum Electronics, 1984, 16, 487-493.	1.5	41
321	Design of a new thin-film electro-optic switch. Optics and Laser Technology, 1983, 15, 83-90.	2.2	2
322	Analysis of a holey optical fiber with circularly distributed holes. , 0, , .		0