Wood-Hi Cheng

List of Publications by Year
in descending order

222	2,453	201674 27	265206 42
papers	citations	h-index	g-index

222	222	222	1738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laser-excited single crystal phosphor in white LED for wide field of view and high enhanced central brightness for vehicle headlights. AIP Advances, 2022, 12, 015018.	1.3	0
2	Record gain of 300-nm broadband single-model Cr-doped crystalline fiber employing novel growth of smaller core. , 2022, , .		0
3	Analysis of Timing Errors in Time-of-Flight LiDAR Using APDs and SPADs Receivers. IEEE Journal of Quantum Electronics, 2021, 57, 1-8.	1.9	9
4	Embedding LiDAR and smart laser headlight in a compact module for autonomous driving. OSA Continuum, 2021, 4, 1587.	1.8	5
5	High Performance and Reliability of Two-Inch Phosphor-in-Glass for White Light-Emitting Diodes Employing Novel Wet-Type Cold Isostatic Pressing. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	2
6	Laser-assisted LED for adaptive-driving-beam headlights employing ultra-reliable single crystal phosphor for autonomous vehicles. Optics Express, 2021, 29, 26466.	3.4	3
7	Phosphor-in-Glass for High Performance WLEDs by Reduction Phosphor Interaction and AR Coating. IEEE Photonics Technology Letters, 2021, 33, 1143-1146.	2.5	0
8	Broadband Single-Mode Cr-Doped Crystalline Core Fiber With Record 11-dB Net Gain By Precise Laser-Heated Pedestal Growth and Tetrahedral Chromium Optimization. Journal of Lightwave Technology, 2021, 39, 3531-3538.	4.6	6
9	Design of Optical Transmitter Module for O-band Silicon Photonic Engine. , 2020, , .		1
10	Enhancement of Tetrahedral Chromium (Cr⁴⁺) Concentration for High-Gain in Single-Mode Crystalline Core Fibers. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	2
11	High color rendering index of 94 in white LEDs employing novel CaAlSiN₃: Eu²⁺ and Lu₃Al₅O₁₂: Ce³⁺ co-doped phosphor-in-glass. Optics Express, 2020, 28, 28218.	3.4	15
12	LiDAR-Embedded Smart Laser Headlight Module Using a Single Digital Micromirror Device for Autonomous Drive. , 2020, , .		2
13	Tetrahedral-Cr Enhancement Employing Dielectric Coating for Higher Gain of Broadband Cr-Doped Fiber Amplifiers. , 2020, , .		2
14	Employed Dielectric Coating for High Quality Cr-Doped Fiber Amplifiers. , 2020, , .		0
15	Design of Optical Transmitter Module for O-band Silicon Photonic Engine. , 2020, , .		0
16	Long-Term Thermal Stability of Single-Mode VCSEL Under 96-Gbit/s OFDM Transmission. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.	2.9	10
17	New Scheme of Mode-Locked Laser by Broadband Cr-Doped Fiber and Graphene. , 2019, , .		0
18	An advanced laser headlight module employing highly reliable glass phosphor. Optics Express, 2019, 27, 1808.	3.4	30

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19	New scheme of LiDAR-embedded smart laser headlight for autonomous vehicles. Optics Express, 2019, 27, A1481.	3.4	21
20	VCSEL with bi-layer oxidized aperture enables 140-Gbit/s OFDM Transmission over 100-m-long OM5 MMF. , 2019, , .		7
21	Higher-Gain Broadband Single-Mode Chromium-Doped Fiber Amplifiers by Tetrahedral-Chromium Enhancement. , 2019, , .		4
22	Filtering of Mixed Data Streams with Orthogonal Polarization up to 50 Gbps in Micro-Ring/Bus Waveguide. , 2019, , .		0
23	White-Lighting Communication With a Lu3Al5O12:Ce3+/CaAlSiN 3:Eu2+ Glass Covered 450-nm InGaN Laser Diode. Journal of Lightwave Technology, 2018, 36, 1634-1643.	4.6	27
24	Influence of Graphene layers on Tunable Range and Pulsewidth in Mode-Locked Lasers. , 2018, , .		0
25	Gain Enhancement of Broadband Single-Mode Cr-Doped Fibers Employing Thermal Annealing. , 2018, , .		0
26	Investigation of High-Yield Microlens for Laser Coupling to Polarization Maintaining Fibers. , 2018, , .		0
27	50 Gb/s Error-Free Data Transmission Using a NRZ-OOK Modulated 850 nm VCSEL. , 2018, , .		5
28	High-Temperature Insensitivity of 50-Gb/s 16-QAM-DMT Transmission by Using the Temperature-Compensated Vertical-Cavity Surface-Emitting Lasers. Journal of Lightwave Technology, 2018, 36, 3332-3343.	4.6	9
29	New Scheme of Microlens for High-Yield Laser Coupling to PMF by Calibrated Glass Coating. IEEE Photonics Technology Letters, 2018, 30, 1075-1078.	2.5	4
30	Single-mode VCSEL for pre-emphasis PAM-4 transmission up to 64â€‰â€‰Gbit/s over 100â€“300â€‰â€‰m in OM4 MMF. Photonics Research, 2018, 6, 666.	7.0	32
31	Optimization of stacking graphene layers as a saturable absorber for mode-locked lasers. , 2018, , .		0
32	High Electromagnetic Shielding of Plastic Transceiver Packaging Using Dispersed Multiwall Carbon Nanotubes. , 2018, , 629-648.		0
33	The quality study of recycled glass phosphor waste for LED. , 2017, , .		0
34	Efficient Heat Dissipation of Uncooled 400-Gbps (16Ã—25-Gbps) Optical Transceiver Employing Multimode VCSEL and PD Arrays. Scientific Reports, 2017, 7, 46608.	3.3	13
35	Multi-Mode VCSEL Chip with High-Indium-Density InGaAs/AlGaAs Quantum-Well Pairs for QAM-OFDM in Multi-Mode Fiber. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	27
36	Higher Gain of Single-Mode Cr-Doped Fibers Employing Optimized Molten-Zone Growth. Journal of Lightwave Technology, 2017, 35, 4930-4936.	4.6	15

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37	Modal Linewidth Dependent Transmission Performance of 850-nm VCSELs With Encoding PAM-4 Over 100-m MMF. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	18
38	Packaging high-coupling lasers to polarization maintaining fibers employing visual alignment. , 2017, , .		0
39	Comparison of single-/few-/multi-mode 850 nm VCSELs for optical OFDM transmission. Optics Express, 2017, 25, 16347.	3.4	43
40	Micro-hyperboloid lensed fibers for efficient coupling from laser chips. Optics Express, 2017, 25, 24480.	3.4	11
41	New scheme of a highly-reliable glass-based color wheel for next-generation laser light engine. Optical Materials Express, 2017, 7, 1029.	3.0	25
42	Few-mode VCSEL chip for 100-Gb/s transmission over 100â€‰â€‰m multimode fiber. Photonics Research, 2017, 5, 507.	7.0	33
43	Towards picoliter microsensing in index and temperature using hundreds-micron-scale fiber Michelson interferometers. , 2017, , .		1
44	Few-Mode 850-nm VCSEL Chip with Direct 16-QAM OFDM Encoding at 80-Gbit/s for 100-m OM4 MMF Link. , 2017, , .		1
45	Higher Gain of Single-Mode Cr-Doped Crystalline Core Fibers by Online Controlling Molten Zone. , 2017, , .		0
46	The dependence of graphene layer stacking on dynamic range and pulsewidth in mode-locked lasers. , 2016, , .		0
47	Micro-hyperboloid lensed optical fibers for laser chip coupling. , 2016, , .		2
48	Gain Enhancement of Single-Mode Cr-Doped Core Fibers by Online Growth System. IEEE Photonics Technology Letters, 2016, 28, 2098-2101.	2.5	3
49	An Oriented-Dependence-Microlens Visual Alignment and Packaging for Lasers Coupling to PMFs. IEEE Photonics Technology Letters, 2016, 28, 1569-1572.	2.5	4
50	Mode Matching and Coupling of Lensed and Cleaved Fibers Employing Near-Field Technique. IEEE Photonics Technology Letters, 2016, 28, 465-468.	2.5	3
51	Fiber gratings formed by self-assembled nanoparticles. , 2016, , .		0
52	An Oriented-Dependence-Microlens Visually Aligned and Packaged for Lasers to Polarization Maintaining Fibers. , 2016, , .		0
53	Broadband Ce/Cr-doped crystal fibers for high axial resolution OCT light source. Optics Express, 2015, 23, 29723.	3.4	5
54	Blue and white light emitting high power density LED modules. , 2015, , .		0

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55	Single-Mode Cr-Doped Crystalline Core Fibers for Broadband Fiber Amplifiers. IEEE Photonics Technology Letters, 2015, 27, 205-208.	2.5	5
56	Packaging of phosphor-converted white light-emitting diodes for solid-state lighting. , 2015, , .		0
57	Chromaticity tailorable glass-based phosphor-converted white light-emitting diodes with high color rendering index. Optics Express, 2015, 23, A1024.	3.4	37
58	Next-generation glass-base phosphor-converted laser light engine. Proceedings of SPIE, 2015, , .	0.8	3
59	A New Scheme of Oriented Hyperboloid Microlens for Passive Alignment Lasers to Polarization Maintaining Fibers. Journal of Lightwave Technology, 2015, 33, 4187-4192.	4.6	7
60	Investigation of Saturable and Reverse Saturable Absorptions for Graphene by Z-Scan Technique. IEEE Photonics Technology Letters, 2015, 27, 1791-1794.	2.5	11
61	Elongated abruptly tapered micro fiber interferometer for nanoparticles attraction and analyses. , 2015, , .		1
62	Ce-doped Fibers with High Axial Resolution for Optical Coherence Tomography Applications. , 2015, , .		0
63	Fabrication and Characteristics of Ce-Doped Fiber for High-Resolution OCT Source. IEEE Photonics Technology Letters, 2014, 26, 1499-1502.	2.5	16
64	Novel broadband glass phosphors for high CRI WLEDs. Optics Express, 2014, 22, A671.	3.4	74
65	Silica cladded Nd^3+:YAG single crystal core optical fiber and its submicron residual stress detection. Optical Materials Express, 2014, 4, 656.	3.0	3
66	High-color rendering indices performance of glass based phosphor-converted white light-emitting diodes for solid state lighting. , 2014, , .		0
67	Multiwavelength fiber lasers based on spatial mode beating for high resolution linear and angular displacement sensing. , 2014, , .		1
68	High-thermal-stability white light-emitting-diodes employing broadband glass phosphor. , 2014, , .		1
69	Few-Mode Cr-Doped Fibers by Cladded High Index Glass for Broadband Fiber Amplifiers. IEEE Photonics Technology Letters, 2014, 26, 587-590.	2.5	2
70	In-line high sensitivity tapered-fiber Mach-Zehnder interferometer for aerospace sensing applications. , 2014, , .		0
71	Thermal-Stability Comparison of Glass- and Silicone-Based High-Power Phosphor-Converted White-Light-Emitting Diodes Under Thermal Aging. IEEE Transactions on Device and Materials Reliability, 2014, 14, 4-8.	2.0	24
72	High-performance glass phosphor for white-light-emitting diodes via reduction of Si-Ce^3+:YAG inter-diffusion. Optical Materials Express, 2014, 4, 121.	3.0	51

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73	Optical nonlinearities of CVD fabricated graphene by z-scan technique. , 2014, , .		0
74	Fiber torsion sensor with directional discrimination based on twist-induced circular birefringence in unbalanced Mach-Zehnder interferometer. , 2014, , .		1
75	New Scheme of Hyperboloid Microlens for High-Average and High-Yield Coupling High-Power Lasers to Single-Mode Fibers. Journal of Lightwave Technology, 2013, 31, 1681-1686.	4.6	9
76	Direct near-field phase measurements of lensed fiber employing a single-mode fiber interferometer. , 2013, , .		1
77	Performance enhancement of high-temperature glass-based phosphor-converted white light-emitting diodes employing SiO₂. Proceedings of SPIE, 2013, , .	0.8	2
78	Fabrication of few-mode crystalline core fiber. , 2013, , .		0
79	Ultra-High Thermal-Stable Glass Phosphor Layer for Phosphor-Converted White Light-Emitting Diodes. Journal of Display Technology, 2013, 9, 427-432.	1.2	76
80	Optical Model for Novel Glass-Based Phosphor-Converted White Light-Emitting Diodes. Journal of Display Technology, 2013, 9, 441-446.	1.2	18
81	Characteristics and Applications of Tapered Fiber Optical Sensors for 1310 nm Wavelength. Japanese Journal of Applied Physics, 2013, 52, 062503.	1.5	1
82	Fluorescence enhancement in broadband Cr-doped fibers fabricated by drawing tower. Optics Express, 2013, 21, 4790.	3.4	16
83	Simulation and Formulation of Output Performance of 1310-nm-Wavelength Tapered Fiber Optical Sensor. Japanese Journal of Applied Physics, 2013, 52, 102501.	1.5	0
84	Few-Layer Graphene-Based Saturable Absorbers Employing Mica Dispersant for Fiber Lasers. IEEE Photonics Technology Letters, 2013, 25, 633-636.	2.5	1
85	300-nm Broadband Chromium-Doped Fiber Amplifiers. , 2013, , .		2
86	Broadband Fluorescence Enhancement in Cr-doped Fibers. , 2013, , .		0
87	Few-Mode Cr-Doped Crystalline Core Fiber Cladded by High-Index Glass. , 2013, , .		2
88	High-temperature (350Â°C) glass phosphor layer for converted white light-emitting diodes. Proceedings of SPIE, 2012, , .	0.8	0
89	Stable mode-locked fiber laser based on CVD fabricated graphene saturable absorber. Optics Express, 2012, 20, 2460.	3.4	174
90	Fabrication of Cr-doped fibers using powder-in-tube with redrawing technique. , 2012, , .		0

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91	A miniaturized BOSA with a stabilized light source for fiber-optic gyroscope. , 2012, , .		2
92	Fabrication of low-temperature Ce³⁺:YAG doped glass for phosphor-converted white-light-emitting diodes. , 2012, , .		0
93	A graphene based saturable absorber on stable mode-locked fiber lasers employing nano-mica dispersant. , 2012, , .		0
94	Electrical characterization of a 25 Gbit/s VCSEL module with TO-46 form factor packaging. , 2012, , .		0
95	Performance of Graphene Mediated Saturable Absorber on Stable Mode-Locked Fiber Lasers Employing Different Nano-Dispersants. Journal of Lightwave Technology, 2012, 30, 3413-3419.	4.6	6
96	Concentration effect of dispersed-graphene based saturable absorber on stabilizing and shortening mode-locked pulse. , 2012, , .		0
97	Few-Mode Cr-Doped Crystalline Core Fibers for Fiber Amplifier. IEEE Photonics Technology Letters, 2012, 24, 1628-1631.	2.5	7
98	Influences of package geometry on color rendering properties of phosphor-converted glass based white light emitting diodes. , 2012, , .		1
99	Mean-time-to-failure evaluations of encapsulation materials for LED package in accelerated thermal tests. Microelectronics Reliability, 2012, 52, 813-817.	1.7	39
100	A 25 Gbit/s Transmitter Optical Sub-Assembly Package Employing Cost-Effective TO-CAN Materials and Processes. Journal of Lightwave Technology, 2012, 30, 834-840.	4.6	8
101	Broadband Chromium-Doped Fiber Amplifiers for Next-Generation Optical Communication Systems. Journal of Lightwave Technology, 2012, 30, 921-927.	4.6	27
102	Low-Cost TO-Can Header for Coaxial Laser Modules in 25-Gbit/s Transmission Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2011, 1, 557-565.	2.5	6
103	High humidity resistance of high-power white-light-emitting diode modules employing Ce:YAG doped glass. , 2011, , .		5
104	New Scheme of Double-Variable-Curvature Microlens for Efficient Coupling High-Power Lasers to Single-Mode Fibers. Journal of Lightwave Technology, 2011, 29, 898-904.	4.6	19
105	Compact TO-CAN Header With Bandwidth Excess 40 GHz. Journal of Lightwave Technology, 2011, 29, 2538-2544.	4.6	7
106	Pulse shortening mode-locked fiber laser by thickness and concentration product of carbon nanotube based saturable absorber. Optics Express, 2011, 19, 4036.	3.4	32
107	Liquid crystal modified photonic crystal fiber (LC-PCF) fabricated with an un-cured SU-8 photoresist sealing technique for electrical flux measurement. Optics Express, 2011, 19, 18372.	3.4	28
108	High Thermal Stability of Phosphor-Converted White Light-Emitting Diodes Employing Ce:YAG-Doped Glass. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 741-746.	2.9	73

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109	Simulation and experiment on laser-heated pedestal growth of chromium-doped yttrium aluminum garnet single-crystal fiber. Journal of Crystal Growth, 2011, 318, 674-678.	1.5	7
110	Lensed plastic optical fiber with an aspherical fiber end formed by joining an aspherical plastic lens and a plastic optical fiber using laser transmission welding. Precision Engineering, 2011, 35, 704-711.	3.4	5
111	Study of Spectroscopy and Microstructure in Nanocrystalline Cr-Doped Fibers Grown by the Drawing-Tower Technique. Journal of Electronic Materials, 2011, 40, 97-101.	2.2	0
112	Lumen degradation and chromaticity shift in glass and silicone based high-power phosphor-converted white-emitting diodes under thermal tests. Proceedings of SPIE, 2011, , .	0.8	12
113	Lensed Plastic Optical Fiber with a Convexo-Concave Fiber Endface for Coupling Laser Diodes With Plastic Optical Fiber. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2011, 133, .	2.2	1
114	Fabrication of Lensed Plastic Optical Fiber Array Using Electrostatic Force. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2011, 133, .	2.2	1
115	A Feasibility Study on the Measurement of the PWS of Butterfly-Type Laser Module Packages Employing a Micro Polygon-Mirror and PSD. International Journal of Automation and Smart Technology, 2011, 1, 101-109.	0.4	0
116	A 25-GHz TO-Can header for coaxial laser package on transmission applications. , 2010, , .		0
117	Dynamically optical response of silver nanoparticle film under an annealing treatment. Proceedings of SPIE, 2010, , .	0.8	1
118	Dynamic operation of passive mode-locked fiber laser with carbon nanotubes-based saturable absorber. , 2010, , .		0
119	Liquid crystal modified photonic crystal fiber (LC-PCF) fabricated with an SU-8 photoresist sealing technique for electrical flux measurement. , 2010, , .		1
120	Development of Broadband Single-Mode Cr-Doped Silica Fibers. IEEE Photonics Technology Letters, 2010, 22, 914-916.	2.5	21
121	Photo and electrical tunable effects in photonic liquid crystal fiber. Optics Express, 2010, 18, 2814.	3.4	29
122	Concentration effect of carbon nanotube based saturable absorber on stabilizing and shortening mode-locked pulse. Optics Express, 2010, 18, 3592.	3.4	85
123	Direct near-field phase measurement of laser diodes employing a single-mode fiber interferometer. Optics Letters, 2010, 35, 3643.	3.3	3
124	Online Postweld Shift Measurement of Butterfly-Type Laser Module Employing High-Resolution Capacitance Displacement Measurement System. IEEE Transactions on Electronics Packaging Manufacturing, 2010, 33, 91-97.	1.4	5
125	High thermal stability of high-power phosphor based white-light-emitting diodes employing Ce:YAG-doped glass. , 2010, , .		8
126	A novel scheme of double-variable curvature microlens for efficient coupling high-power laser diodes into fibers. , 2010, , .		0

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127	Tunable Cholesteric Liquid Crystal Diffraction Grating Based on the Effect of Localized Surface Plasmons. , 2010, , .		1
128	A bidirectional CWDM-PON system with capacity of 40-Gb/s for metro/access applications. , 2009, , .		0
129	Microstructure in nano-crystalline Cr-doped fibers fabricated by drawing tower. , 2009, , .		0
130	An Optimum Design and Fabrication of Focus Lens for High Intensity Light-Emitting Diodes. Japanese Journal of Applied Physics, 2009, 48, 094504.	1.5	1
131	Decay of lumen and chromaticity of high-power phosphor-converted white-light-emitting diodes in thermal aging. Proceedings of SPIE, 2009, , .	0.8	0
132	Fabrication and Performance of MEMS-Based Pressure Sensor Packages Using Patterned Ultra-Thick Photoresists. Sensors, 2009, 9, 6200-6218.	3.8	25
133	Decay Mechanisms of Radiation Pattern and Optical Spectrum of High-Power LED Modules in Aging Test. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1156-1162.	2.9	26
134	A novel plastic package for pressure sensors fabricated using the lithographic dam-ring approach. Sensors and Actuators A: Physical, 2009, 149, 165-171.	4.1	15
135	Wafer-level chip scale packaging for piezoresistive pressure sensors using a dry-film shielding approach. Sensors and Actuators A: Physical, 2009, 152, 261-266.	4.1	8
136	Transmission and Coupling Characteristics of Ultra-Broadband Cr-Doped Multimode Fibers. Journal of Lightwave Technology, 2009, 27, 2834-2842.	4.6	3
137	Passively mode-locked lasers using saturable absorber incorporating dispersed single-wall carbon nanotubes. , 2009, , .		3
138	Two-Dimensional Simulations on Heat Transfer and Fluid Flow for Yttrium Aluminium Garnet Single-Crystal Fiber in Laser-Heated Pedestal Growth System. Japanese Journal of Applied Physics, 2009, 48, 115504.	1.5	11
139	Effect of sapphire tube assisted in CDLHPG method to fabricate double-clad Cr⁴⁺: YAG crystal fiber. , 2009, , .		0
140	A study of the RF characteristics for a coaxial TO-CAN laser module by a 3D full-wave electromagnetic field simulation. , 2009, , .		0
141	High-Performance and Low-Cost 40-Gb/s CWDM Optical Modules. IEEE Transactions on Advanced Packaging, 2009, 32, 644-649.	1.6	2
142	Investigation of Ce:YAG Doping Effect on Thermal Aging for High-Power Phosphor-Converted White-Light-Emitting Diodes. IEEE Transactions on Device and Materials Reliability, 2009, 9, 367-371.	2.0	47
143	An Overmolded Pressure Sensor Package Using an Ultrathick Photoresist Sacrificial Layer. Journal of Electronic Packaging, Transactions of the ASME, 2009, 131, .	1.8	0
144	Cr-doped materials as potential broadband and tunable sources. Proceedings of SPIE, 2009, , .	0.8	0

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145	High yield coaxial-type laser module packages using on-line monitoring system. Optics Communications, 2008, 281, 725-731.	2.1	1
146	MEMS-based humidity sensor with integrated temperature compensation mechanism. Sensors and Actuators A: Physical, 2008, 147, 522-528.	4.1	91
147	Failure Mechanisms Associated With Lens Shape of High-Power LED Modules in Aging Test. IEEE Transactions on Electron Devices, 2008, 55, 689-694.	3.0	70
148	Laser pulse induced gold nanoparticle gratings. Applied Physics Letters, 2008, 93, 061109.	3.3	9
149	Decay mechanisms of lumen and chromaticity for high-power phosphor-based white-light-emitting diodes in thermal aging. , 2008, , .		0
150	Mode matching and insertion loss in ultrabroadband Cr-doped multimode fibers. Optics Letters, 2008, 33, 785.	3.3	7
151	Wavefront measurements of diode laser beams with large dynamic ranges. Optics Letters, 2008, 33, 1183.	3.3	2
152	High Electromagnetic Shielding of a 2.5-Gbps Plastic Transceiver Module Using Dispersive Multiwall Carbon Nanotubes. Journal of Lightwave Technology, 2008, 26, 1256-1262.	4.6	8
153	High-power laser module with high coupling wedge-shaped fiber. , 2008, , .		0
154	Characteristics of ultra-broadband Cr-doped fibers. , 2008, , .		0
155	High electromagnetic shielding of multi-wall carbon nanotube composites using ionic liquid dispersant. , 2008, , .		0
156	A new scheme of fiber end-face fabrication employing a variable torque technique. Journal of Micromechanics and Microengineering, 2008, 18, 055003.	2.6	6
157	A Quantitative Postweld Shift Measurement and Compensation Technique in Butterfly Laser Module Packages. Japanese Journal of Applied Physics, 2008, 47, 7166-7172.	1.5	1
158	Surface plasmons induced extra diffraction band of cholesteric liquid crystal grating. Journal of Applied Physics, 2008, 104, 063106.	2.5	9
159	Reduction of Multimode Interference in 300-nm Broadband Cr-Doped Fibers. , 2008, , .		0
160	Diffraction of cholesteric liquid crystal gratings probed by monochromatic light from 450 to 750 nm. Journal of Applied Physics, 2008, 104, 073106.	2.5	8
161	Fabrication of 300-nm Cr-doped Fibers Using Fiber Drawing with Pressure Control. , 2008, , .		0
162	A 40Gb/s bidirectional CWDM-PON system for metro/access applications. , 2008, , .		0

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163	Diffraction property of cholesteric liquid crystal grating. , 2008, , .		0
164	Decay mechanisms of lumen and chromaticity for high-power phosphor-based white-light-emitting diodes in thermal aging. Proceedings of SPIE, 2008, , .	0.8	0
165	Wavefront measurements with large dynamic range on high-power diode lasers. , 2008, , .		0
166	Low-Cost Fiber Grating Laser Module Package Employing a Hyperbolic Fiber Microlens. Japanese Journal of Applied Physics, 2007, 46, 1016-1020.	1.5	4
167	Surface plasmon enhanced diffraction in cholesteric liquid crystals. Applied Physics Letters, 2007, 90, 183115.	3.3	20
168	A new scheme of birefringent optical interleaver employing ring cavity as phase-dispersion element. , 2007, , .		1
169	A 40-Gb/s Optical Module Using 4-Channel WDM TOSA for Access Network Applications. , 2007, , .		1
170	Periodic surface plasmon-enhanced diffraction in cholesteric liquid crystal grating. , 2007, , .		0
171	A New Scheme of Birefringent Optical Interleaver Employing Ring Cavity as Phase-dispersion Element. , 2007, , .		2
172	Periodic Surface Plasmon-enhanced Diffraction in Cholesteric Liquid Crystal Grating. , 2007, , .		0
173	Electromagnetic Shielding Performance for a 2.5 Gb/s Plastic Transceiver Module Using Dispersive Multiwall Carbon Nanotubes. , 2007, , .		2
174	10 Gb/s bidirectional optical subassembly module for the application of FTTH network. , 2007, , .		0
175	Asymmetric elliptic-cone-shaped microlens for efficient coupling to high-power laser diodes. Optics Express, 2007, 15, 1434.	3.4	39
176	Preform fabrication and fiber drawing of 300 nm broadband Cr-doped fibers. Optics Express, 2007, 15, 14382.	3.4	34
177	Simple parameter determination for twisted nematic liquid-crystal display. Applied Optics, 2007, 46, 3493.	2.1	4
178	A Notch-Saddle-Compensation Technique in Butterfly-Type Laser Module Packages. Journal of Lightwave Technology, 2007, 25, 1594-1601.	4.6	7
179	High-Performance and Low-Cost 10-Gb/s Bidirectional Optical Subassembly Modules. Journal of Lightwave Technology, 2007, 25, 3488-3494.	4.6	16
180	Conference report - the 11th Optoelectronics and Communications Conference (OECC). , 2007, 45, 44-44.		1

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181	A new architecture for birefringent optical interleaver using a ring resonator as a phase-dispersion element. , 2006, , .		2
182	Sagnac interferometer based flat-top birefringent interleaver. Optics Express, 2006, 14, 4636.	3.4	27
183	Broadband emission from Cr-doped fibers fabricated by drawing tower. Optics Express, 2006, 14, 8492.	3.4	33
184	A flat-top birefringent interleaver based on ring-cavity architecture. Optics Communications, 2006, 260, 311-317.	2.1	6
185	High-Performance Electromagnetic Susceptibility of Plastic Transceiver Modules Using Carbon Nanotubes. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 1091-1096.	2.9	7
186	A Novel Simple Humidity Sensor Constructed by Sandwiched Cantilever. , 2006, , .		3
187	Fabrication of Cr-doped fibers by drawing tower. , 2006, , .		2
188	Post-weld-shift compensation techniques in TO-Can and butterfly types laser-welded laser module packages. , 2005, , .		1
189	High electromagnetic shielding of plastic package for 2.5-Gb/s optical transceiver modules. IEEE Transactions on Advanced Packaging, 2005, 28, 89-95.	1.6	6
190	A novel fiber alignment shift measurement and correction technique in laser-welded laser module packaging. Journal of Lightwave Technology, 2005, 23, 486-494.	4.6	22
191	A new scheme of conical-wedge-shaped fiber endface for coupling between high-power laser diodes and single-mode fibers. Journal of Lightwave Technology, 2005, 23, 1781-1786.	4.6	35
192	Postweld-shift-induced fiber alignment shifts in laser-welded laser module packages: experiments and simulations. Journal of Lightwave Technology, 2005, 23, 4287-4295.	4.6	21
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