Wood-Hi Cheng

List of Publications by Year
in descending order

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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	Stable mode-locked fiber laser based on CVD fabricated graphene saturable absorber. Optics Express, 2012, 20, 2460.	3.4	174
2	MEMS-based humidity sensor with integrated temperature compensation mechanism. Sensors and Actuators A: Physical, 2008, 147, 522-528.	4.1	91
3	Concentration effect of carbon nanotube based saturable absorber on stabilizing and shortening mode-locked pulse. Optics Express, 2010, 18, 3592.	3.4	85
4	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
5	Novel broadband glass phosphors for high CRI WLEDs. Optics Express, 2014, 22, A671.	3.4	74
6	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
7	Flat-top interleavers using two Gires-Tournois etalons as phase-dispersive mirrors in a Michelson interferometer. IEEE Photonics Technology Letters, 2003, 15, 242-244.	2.5	71
8	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
9	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
10	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
11	Comparison of single-/few-/multi-mode 850 nm VCSELs for optical OFDM transmission. Optics Express, 2017, 25, 16347.	3.4	43
12	Post-weld-shift in dual-in-line laser package. IEEE Transactions on Advanced Packaging, 2001, 24, 81-85.	1.6	40
13	Asymmetric elliptic-cone-shaped microlens for efficient coupling to high-power laser diodes. Optics Express, 2007, 15, 1434.	3.4	39
14	Mean-time-to-failure evaluations of encapsulation materials for LED package in accelerated thermal tests. Microelectronics Reliability, 2012, 52, 813-817.	1.7	39
15	A Novel Scheme of Lensed Fiber Employing a Quadrangular-Pyramid-Shaped Fiber Endface for Coupling Between High-Power Laser Diodes and Single-Mode Fibers. Journal of Lightwave Technology, 2004, 22, 1374-1379.	4.6	37
16	Chromaticity tailorable glass-based phosphor-converted white light-emitting diodes with high color rendering index. Optics Express, 2015, 23, A1024.	3.4	37
17	High-Coupling Tapered Hyperbolic Fiber Microlens and Taper Asymmetry Effect. Journal of Lightwave Technology, 2004, 22, 1395-1401.	4.6	36
18	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

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19	Defect formation mechanisms in laser welding techniques for semiconductor laser packaging. IEEE Transactions on Advanced Packaging, 1996, 19, 764-769.	0.6	34
20	Preform fabrication and fiber drawing of 300 nm broadband Cr-doped fibers. Optics Express, 2007, 15, 14382.	3.4	34
21	Broadband emission from Cr-doped fibers fabricated by drawing tower. Optics Express, 2006, 14, 8492.	3.4	33
22	Few-mode VCSEL chip for 100-Gb/s transmission over 100â€‰â€‰m multimode fiber. Photonics Research, 2017, 5, 507.	7.0	33
23	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
24	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
25	An advanced laser headlight module employing highly reliable glass phosphor. Optics Express, 2019, 27, 1808.	3.4	30
26	Photo and electrical tunable effects in photonic liquid crystal fiber. Optics Express, 2010, 18, 2814.	3.4	29
27	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
28	Low-Cost and Low-Electromagnetic-Interference Packaging of Optical Transceiver Modules. Journal of Lightwave Technology, 2004, 22, 2177-2183.	4.6	27
29	Sagnac interferometer based flat-top birefringent interleaver. Optics Express, 2006, 14, 4636.	3.4	27
30	Broadband Chromium-Doped Fiber Amplifiers for Next-Generation Optical Communication Systems. Journal of Lightwave Technology, 2012, 30, 921-927.	4.6	27
31	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
32	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
33	Effective electromagnetic shielding of plastic packaging in low-cost optical transceiver modules. Journal of Lightwave Technology, 2003, 21, 1536-1543.	4.6	26
34	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
35	Lipid monolayer phase transitions theoretical considerations. Journal of Colloid and Interface Science, 1977, 62, 125-130.	9.4	25
36	Fabrication and Performance of MEMS-Based Pressure Sensor Packages Using Patterned Ultra-Thick Photoresists. Sensors, 2009, 9, 6200-6218.	3.8	25

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37	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
38	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
39	Effect of Au thickness on laser beam penetration in semiconductor laser packages. IEEE Transactions on Advanced Packaging, 1997, 20, 396-402.	0.6	22
40	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
41	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
42	Development of Broadband Single-Mode Cr-Doped Silica Fibers. IEEE Photonics Technology Letters, 2010, 22, 914-916.	2.5	21
43	New scheme of LiDAR-embedded smart laser headlight for autonomous vehicles. Optics Express, 2019, 27, A1481.	3.4	21
44	Reduction of fiber alignment shifts in semiconductor laser module packaging. Journal of Lightwave Technology, 2000, 18, 842-848.	4.6	20
45	Effect of temperature cycling on joint strength of PbSn and AuSn solders in laser packages. IEEE Transactions on Advanced Packaging, 2001, 24, 563-568.	1.6	20
46	Surface plasmon enhanced diffraction in cholesteric liquid crystals. Applied Physics Letters, 2007, 90, 183115.	3.3	20
47	Fiber alignment shift formation mechanisms of fiber-solder-ferrule joints in laser module packaging. Journal of Lightwave Technology, 2001, 19, 1177-1184.	4.6	19
48	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
49	Optical Model for Novel Glass-Based Phosphor-Converted White Light-Emitting Diodes. Journal of Display Technology, 2013, 9, 441-446.	1.2	18
50	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
51	High-Performance and Low-Cost 10-Gb/s Bidirectional Optical Subassembly Modules. Journal of Lightwave Technology, 2007, 25, 3488-3494.	4.6	16
52	Fluorescence enhancement in broadband Cr-doped fibers fabricated by drawing tower. Optics Express, 2013, 21, 4790.	3.4	16
53	Fabrication and Characteristics of Ce-Doped Fiber for High-Resolution OCT Source. IEEE Photonics Technology Letters, 2014, 26, 1499-1502.	2.5	16
54	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

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55	Higher Gain of Single-Mode Cr-Doped Fibers Employing Optimized Molten-Zone Growth. Journal of Lightwave Technology, 2017, 35, 4930-4936.	4.6	15
56	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
57	An Optimum Approach for Reduction of Fiber Alignment Shift of Fiber-Solder-Ferrule Joints in Laser Module Packaging. Journal of Lightwave Technology, 2004, 22, 589-594.	4.6	14
58	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
59	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
60	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
61	Investigation of Saturable and Reverse Saturable Absorptions for Graphene by Z-Scan Technique. IEEE Photonics Technology Letters, 2015, 27, 1791-1794.	2.5	11
62	Micro-hyperboloid lensed fibers for efficient coupling from laser chips. Optics Express, 2017, 25, 24480.	3.4	11
63	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
64	Laser pulse induced gold nanoparticle gratings. Applied Physics Letters, 2008, 93, 061109.	3.3	9
65	Surface plasmons induced extra diffraction band of cholesteric liquid crystal grating. Journal of Applied Physics, 2008, 104, 063106.	2.5	9
66	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
67	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
68	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
69	Birefringent interleaver with a ring cavity as a phase-dispersion element. Optics Letters, 2005, 30, 1102.	3.3	8
70	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
71	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
72	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

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73	High thermal stability of high-power phosphor based white-light-emitting diodes employing Ce:YAG-doped glass. , 2010, , .		8
74	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
75	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
76	A Notch-Saddle-Compensation Technique in Butterfly-Type Laser Module Packages. Journal of Lightwave Technology, 2007, 25, 1594-1601.	4.6	7
77	Mode matching and insertion loss in ultrabroadband Cr-doped multimode fibers. Optics Letters, 2008, 33, 785.	3.3	7
78	Compact TO-CAN Header With Bandwidth Excess 40 GHz. Journal of Lightwave Technology, 2011, 29, 2538-2544.	4.6	7
79	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
80	Few-Mode Cr-Doped Crystalline Core Fibers for Fiber Amplifier. IEEE Photonics Technology Letters, 2012, 24, 1628-1631.	2.5	7
81	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
82	VCSEL with bi-layer oxidized aperture enables 140-Gbit/s OFDM Transmission over 100-m-long OM5 MMF. , 2019, , .		7
83	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
84	A flat-top birefringent interleaver based on ring-cavity architecture. Optics Communications, 2006, 260, 311-317.	2.1	6
85	A new scheme of fiber end-face fabrication employing a variable torque technique. Journal of Micromechanics and Microengineering, 2008, 18, 055003.	2.6	6
86	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
87	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
88	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
89	The dependence of carrier lifetime on spectral width in multimode semiconductor lasers. IEEE Photonics Technology Letters, 1996, 8, 611-613.	2.5	5
90	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

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91	High humidity resistance of high-power white-light-emitting diode modules employing Ce:YAG doped glass. , 2011, , .		5
92	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
93	Broadband Ce/Cr-doped crystal fibers for high axial resolution OCT light source. Optics Express, 2015, 23, 29723.	3.4	5
94	Single-Mode Cr-Doped Crystalline Core Fibers for Broadband Fiber Amplifiers. IEEE Photonics Technology Letters, 2015, 27, 205-208.	2.5	5
95	50 Gb/s Error-Free Data Transmission Using a NRZ-OOK Modulated 850 nm VCSEL. , 2018, , .		5
96	Embedding LiDAR and smart laser headlight in a compact module for autonomous driving. OSA Continuum, 2021, 4, 1587.	1.8	5
97	Low-Cost Fiber Grating Laser Module Package Employing a Hyperbolic Fiber Microlens. Japanese Journal of Applied Physics, 2007, 46, 1016-1020.	1.5	4
98	Simple parameter determination for twisted nematic liquid-crystal display. Applied Optics, 2007, 46, 3493.	2.1	4
99	An Oriented-Dependence-Microlens Visual Alignment and Packaging for Lasers Coupling to PMFs. IEEE Photonics Technology Letters, 2016, 28, 1569-1572.	2.5	4
100	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
101	Higher-Gain Broadband Single-Mode Chromium-Doped Fiber Amplifiers by Tetrahedral-Chromium Enhancement. , 2019, , .		4
102	The optimum power coupling from GaAs lasers into spherical-ended fibers. Proceedings of the IEEE, 1981, 69, 396-397.	21.3	3
103	High-Performance Electromagnetic Susceptibility for a 2.5Gb/s Plastic Transceiver Module using Multi-Wall Carbon Nanotubes. , 0, , .		3
104	A Novel Simple Humidity Sensor Constructed by Sandwiched Cantilever. , 2006, , .		3
105	Transmission and Coupling Characteristics of Ultra-Broadband Cr-Doped Multimode Fibers. Journal of Lightwave Technology, 2009, 27, 2834-2842.	4.6	3
106	Passively mode-locked lasers using saturable absorber incorporating dispersed single-wall carbon nanotubes. , 2009, , .		3
107	Direct near-field phase measurement of laser diodes employing a single-mode fiber interferometer. Optics Letters, 2010, 35, 3643.	3.3	3
108	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

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109	Next-generation glass-base phosphor-converted laser light engine. Proceedings of SPIE, 2015, , .	0.8	3
110	Gain Enhancement of Single-Mode Cr-Doped Core Fibers by Online Growth System. IEEE Photonics Technology Letters, 2016, 28, 2098-2101.	2.5	3
111	Mode Matching and Coupling of Lensed and Cleaved Fibers Employing Near-Field Technique. IEEE Photonics Technology Letters, 2016, 28, 465-468.	2.5	3
112	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
113	Effect of carrier lifetime on mode partition noise in multimode semiconductor lasers. IEEE Photonics Technology Letters, 1994, 6, 355-358.	2.5	2
114	Finite-element analysis of fiber shifts in fiber-solder-ferrule joints using AuSn solder. , 2000, , .		2
115	Electromagnetic shielding of plastic packaging in cost-effective optical transceiver modules. , 0, , .		2
116	A low-cost plastic package for 2.5Gbps optical transceiver module with high electromagnetic shielding. , 0, , .		2
117	A new architecture for birefringent optical interleaver using a ring resonator as a phase-dispersion element. , 2006, , .		2
118	Fabrication of Cr-doped fibers by drawing tower. , 2006, , .		2
119	A New Scheme of Birefringent Optical Interleaver Employing Ring Cavity as Phase-dispersion Element. , 2007, , .		2
120	Electromagnetic Shielding Performance for a 2.5 Gb/s Plastic Transceiver Module Using Dispersive Multiwall Carbon Nanotubes. , 2007, , .		2
121	Wavefront measurements of diode laser beams with large dynamic ranges. Optics Letters, 2008, 33, 1183.	3.3	2
122	High-Performance and Low-Cost 40-Gb/s CWDM Optical Modules. IEEE Transactions on Advanced Packaging, 2009, 32, 644-649.	1.6	2
123	A miniaturized BOSA with a stabilized light source for fiber-optic gyroscope. , 2012, , .		2
124	Performance enhancement of high-temperature glass-based phosphor-converted white light-emitting diodes employing SiO₂. Proceedings of SPIE, 2013, , .	0.8	2
125	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
126	Micro-hyperboloid lensed optical fibers for laser chip coupling. , 2016, , .		2

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127	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
128	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
129	Finite element analysis of thermal stresses in laser packaging. , 1998, , .		2
130	300-nm Broadband Chromium-Doped Fiber Amplifiers. , 2013, , .		2
131	Few-Mode Cr-Doped Crystalline Core Fiber Cladded by High-Index Glass. , 2013, , .		2
132	Fiber alignment shift in temperature cycling test. , 1998, , .		2
133	LiDAR-Embedded Smart Laser Headlight Module Using a Single Digital Micromirror Device for Autonomous Drive. , 2020, , .		2
134	Tetrahedral-Cr Enhancement Employing Dielectric Coating for Higher Gain of Broadband Cr-Doped Fiber Amplifiers. , 2020, , .		2
135	Effect of active layer doping on static and dynamic performance of 1.3-um InGaAsP lasers with semi-insulating current blocking layers. , 1990, , .		1
136	1.55-Âµm Fiber Grating Laser Utilizing an Uncoated Tapered Hemispherical-End Fiber Microlens. Japanese Journal of Applied Physics, 2003, 42, 453-455.	1.5	1
137	A novel fiber alignment shift measurement technique employing an ultra high precision laser displacement meter in laser-welded laser module packaging. , 0, , .		1
138	Post-weld-shift compensation techniques in TO-Can and butterfly types laser-welded laser module packages. , 2005, , .		1
139	A new scheme of birefringent optical interleaver employing ring cavity as phase-dispersion element. , 2007, , .		1
140	A 40-Gb/s Optical Module Using 4-Channel WDM TOSA for Access Network Applications. , 2007, , .		1
141	Conference report - the 11th Optoelectronics and Communications Conference (OECC). , 2007, 45, 44-44.		1
142	High yield coaxial-type laser module packages using on-line monitoring system. Optics Communications, 2008, 281, 725-731.	2.1	1
143	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
144	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

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145	Dynamically optical response of silver nanoparticle film under an annealing treatment. Proceedings of SPIE, 2010, , .	0.8	1
146	Liquid crystal modified photonic crystal fiber (LC-PCF) fabricated with an SU-8 photoresist sealing technique for electrical flux measurement. , 2010, , .		1
147	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
148	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
149	Influences of package geometry on color rendering properties of phosphor-converted glass based white light emitting diodes. , 2012, , .		1
150	Direct near-field phase measurements of lensed fiber employing a single-mode fiber interferometer. , 2013, , .		1
151	Characteristics and Applications of Tapered Fiber Optical Sensors for 1310 nm Wavelength. Japanese Journal of Applied Physics, 2013, 52, 062503.	1.5	1
152	Few-Layer Graphene-Based Saturable Absorbers Employing Mica Dispersant for Fiber Lasers. IEEE Photonics Technology Letters, 2013, 25, 633-636.	2.5	1
153	Multiwavelength fiber lasers based on spatial mode beating for high resolution linear and angular displacement sensing. , 2014, , .		1
154	High-thermal-stability white light-emitting-diodes employing broadband glass phosphor. , 2014, , .		1
155	Design of Optical Transmitter Module for O-band Silicon Photonic Engine. , 2020, , .		1
156	Towards picoliter microsensing in index and temperature using hundreds-micron-scale fiber Michelson interferometers. , 2017, , .		1
157	Elongated abruptly tapered micro fiber interferometer for nanoparticles attraction and analyses. , 2015, , .		1
158	Few-Mode 850-nm VCSEL Chip with Direct 16-QAM OFDM Encoding at 80-Gbit/s for 100-m OM4 MMF Link. , 2017, , .		1
159	Tunable Cholesteric Liquid Crystal Diffraction Grating Based on the Effect of Localized Surface Plasmons. , 2010, , .		1
160	Fiber torsion sensor with directional discrimination based on twist-induced circular birefringence in unbalanced Mach-Zehnder interferometer. , 2014, , .		1
161	Impact of optical coating on InP/InGaAsP laser-diode performance at high power and high temperature. , 1990, , .		0
162	Finite-element analysis of solder joint strength in laser diode packaging. , 2000, , .		0

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163	Fiber alignment shifts of fiber-solder-ferrule joints in butterfly laser packaging: measurement and finite-element-method analysis. , 2004, , .		0
164	High-Performance and Low-Cost 10Gbps Coaxial DFB Laser Module Packaging By Conventional TO-Can Materials and Processes. , 0, , .		0
165	Periodic surface plasmon-enhanced diffraction in cholesteric liquid crystal grating. , 2007, , .		0
166	Periodic Surface Plasmon-enhanced Diffraction in Cholesteric Liquid Crystal Grating. , 2007, , .		0
167	10 Gb/s bidirectional optical subassembly module for the application of FTTH network. , 2007, , .		0
168	Decay mechanisms of lumen and chromaticity for high-power phosphor-based white-light-emitting diodes in thermal aging. , 2008, , .		0
169	High-power laser module with high coupling wedge-shaped fiber. , 2008, , .		0
170	Characteristics of ultra-broadband Cr-doped fibers. , 2008, , .		0
171	High electromagnetic shielding of multi-wall carbon nanotube composites using ionic liquid dispersant. , 2008, , .		0
172	Reduction of Multimode Interference in 300-nm Broadband Cr-Doped Fibers. , 2008, , .		0
173	Fabrication of 300-nm Cr-doped Fibers Using Fiber Drawing with Pressure Control. , 2008, , .		0
174	A 40Gb/s bidirectional CWDM-PON system for metro/access applications. , 2008, , .		0
175	Diffraction property of cholesteric liquid crystal grating. , 2008, , .		0
176	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
177	Wavefront measurements with large dynamic range on high-power diode lasers. , 2008, , .		0
178	A bidirectional CWDM-PON system with capacity of 40-Gb/s for metro/access applications. , 2009, , .		0
179	Microstructure in nano-crystalline Cr-doped fibers fabricated by drawing tower. , 2009, , .		0
180	Decay of lumen and chromaticity of high-power phosphor-converted white-light-emitting diodes in thermal aging. Proceedings of SPIE, 2009, , .	0.8	0

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181	Effect of sapphire tube assisted in CDLHPG method to fabricate double-clad Cr⁴⁺: YAG crystal fiber. , 2009, , .		0
182	A study of the RF characteristics for a coaxial TO-CAN laser module by a 3D full-wave electromagnetic field simulation. , 2009, , .		0
183	An Overmolded Pressure Sensor Package Using an Ultrathick Photoresist Sacrificial Layer. Journal of Electronic Packaging, Transactions of the ASME, 2009, 131, .	1.8	0
184	Cr-doped materials as potential broadband and tunable sources. Proceedings of SPIE, 2009, , .	0.8	0
185	A 25-GHz TO-Can header for coaxial laser package on transmission applications. , 2010, , .		0
186	Dynamic operation of passive mode-locked fiber laser with carbon nanotubes-based saturable absorber. , 2010, , .		0
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