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S/N	Paper ID	1st Author Name, Affiliation, Country	Paper Title	Pg #
1	s0861	zhengzhou wang, Shenyang Institute of Automation, Chinese Academy of Sciences, China	Robust Measurement Of Specular Surfaces With One Shot Projection And Pattern Registration	1
2	s0869	YanQi Gao, Shanghai Institute of Laser Plasma, China	The Performance Improvement Of SGII-Up Laser Facility	6
3	s0888	Yutaka Fukuchi, Tokyo University of Science, Japan	All-Optical Switch Using Cascaded Second-Order Nonlinear Effect in PPLN: Pattern Effect of Period Error	9
4	s0903	Xiaomin Ren, Beijing Univetsity of Posts and Telecommunications, China	Symton: Indispensable Participator In Electron-Photon Interactions And Probably A Kind Of Dark Matter	12
5	s0924	Sivasankara Rao Yemineni, Nanyang Technological University, Singapore	All-fiber Femtosecond Laser Pulse Generation At 1.55 $\mu$ m And 2 $\mu$ m Using A Common Carbon-nanotube Based Saturable Absorber	15
6	s0935	Xin Yan, Northeastern University, China	Polarization Filter Characteristics Of Photonic Crystal Fiber Based On Surface Plasmon Resonance	17
7	s0937	Jiang Meng, Donghua University, China	Selectively Filled Dual-Core Photonic Crystal Fiber Sensors Interrogated By Low Coherence Interferometer For Temperature Measurement	20
8	s0938	Junfang Wu, South China University of Technology, China	A Model for Collagen Fibrils Structure in Ovary Cancer Based on Second Harmonic Generation Microscopy	24
9	s0944	Hsin-Pin Lo, NTT Basic Research Laboratories, NTT Corporation, Japan	Erasing Frequency Distinguishability Of Single Photons Using Optical Single Sideband Modulator	26
10	s0947	Rahmani Mohsen, Australian National University, Australia	Giant Enhancement And Control Of Second-Harmonic Radiation From AlGaAs Nanoantennas	28
11	s0948	Yufei Ma, Harbin Institute of Technology, China	Comparison Between Tape Casting YAG/Nd:YAG/YAG And Nd:YAG Ceramic Lasers	31
12	s0957	Cheng-Hao Ko, National Taiwan University of Science and Technology, Taiwan	Two-dimensional Modeling With Experimental Verification Of A Linear Variable Filter For Spectral Order Sorting Of 400-1000nm	34
13	s0962	Hiroki Kishikawa, Tokushima University, Japan	Wavelength Preserved Modulation Format Conversion From 16QAM To QPSK Using FWM And SPM	39
14	s0963	Toshimasa Umezawa, National Institute of Information and Communications Technology, Japan	Waveguide Avalanche Photodetector Using Quantum-dot Superlattice For Optical Fiber Communications	41
15	s0974	Takuya Oda, Advanced Technology Laboratory, Fujikura Ltd., Japan	Thermally Expanded Core Fibers Of 4-um Mode Field Diameter For Low Loss Coupling With Silicon Photonic Devices	43
16	s0978	Wang Feng, Nanjing University, China	Phase Sensitive Distributed Vibration Sensing Using Double-pulse For Ultra-weak FBG Array	45
17	s0987	Cheng-Hao Ko, National Taiwan University of Science and Technology, Taiwan	Design And Verification Of A Flat-Filed Aberration-Corrected Concave Blaze Grating For Hyperspectral Imaging	48
18	s1002	Junqing Zhao, Jiangsu Key Laboratory of Advanced Laser Materials and Devices, School of Physics and Electronic Engineering, Jiangsu Normal University, China	1.04 Km Ultra-Long Cladding-Pumped Thulium-Doped Fiber Laser With Large Energy Noise-Like-Toped Dissipative Soliton Resonances	52
19	s1007	Liu Meng, NTU, Singapore	160 W Nanosecond Ytterbium-doped Pulsed Fiber Laser	54
20	s1015	Jianing An, Nanyang Technological University, Singapore	One-Step Fabrication Of Graphene Sensors By Femtosecond Laser Direct Writing	56
21	s1018	Jack Jia-Sheng Huang, Source Photonics, United States	ESD Polarity Effect Study Of Monolithic, Integrated DFB-EAM EML For 100/400G Optical Networks	58
22	s1021	Jiamin Wang, Huazhong University of Science and Technology, China	Dual-Channel Logic Operations via Four-Wave Mixing in a Multimode Silicon Waveguide	62
23	s1024	Thibaut Sylvestre, CNRS/FEMTO-ST institute, France	Surface Brillouin Scattering In Optical Microfibers	64
24	s1030	Xiaojun YU, Nanyang Technological University, Singapore	Reliable Internal Fingerprint Detection Using Micro-Optical Coherence Tomography	67
25	s1032	Xiaojun YU, Nanyang Technological University, Singapore	Polymeric Microneedles Swelling Property Characterizations Using Micro-Optical Coherence Tomography	69
26	s1035	Yuqiang Yang, Harbin University of Science and Technology, China	Adaptive Ac Current Sensor Using Two Opposite Bias Magnetic Circuits With Two Tandem Fiber Bragg Gratings	71
27	s1039	Jiangming Xu, College of Optoelectronic Science and Engineering, National University of Defense Technology, China	Linearly-polarized High-order Random Fiber Laser With Record Hundred-watt Output Power	74
28	s1040	Katherine Badham, Lockheed Martin Employee, United States	Photonic Integrated Circuit-Based Imaging System	76
29	s1042	Huang Yang, Jiangnan University, China	Nonlocality Enhanced Optical Bistability In Core-shell Structure	81

30	s1045	Huanhuan Liu, Shanghai Univeristy, China	Investigation Of Spectral Filtering Effect On Stability Of Dispersion-Managed Mode-locked Fiber Lasers	85
31	s1048	Ying-hua Wang, Physics Department Southeast University, China	Tri-layer Anisotropic Metamaterial For Unidirectional Circular Polarizer	88
32	s1053	Jing Gao, Suzhou Inst Biomed Engin Tech, CAS , China	Diode Pumped Dy:YAG Yellow Laser	92
33	s1054	Mohammad Rakib Uddin, Department of Electrical and Electronic Engineering, Faculty of Engineering, Universiti Teknologi Brunei (UTB), Brunei Darussalam	Silicon Photonic NAND Gate	95
34	s1059	Long Huang, College of Optoelectronic Science and Engineering, National University of Defense Technology , China	A 621 W Linearly Polarized, Near-diffraction-limited MOPA Seeded By Random Fiber Laser	98
35	s1068	Kelvin Ooi, SUTD, Singapore	Optical Nonlinearities In Graphene Plasmonics For Optical Modulation	102
36	s1071	Ching-Hung Chang, Department of Electrical Engineering, National Chiayi University, Taiwan	Three-Layer Ring Optical Fiber Sensing Network With Self-healing Functionality	105
37	s1073	Yung-Jr Hung, National Sun Yat-sen University, Taiwan	Superior Wafer-scale Uniformity In A Laser Interference Lithography System Equipped With A Refractive Beam Shaper	107
38	s1078	Mo Chen, Academy of Ocean Science and Engineering, National University of Defense Technology, China	Compact Brillouin/Erbium Fiber Laser For Acoustic Fiber Sensing	109
39	s1082	Juntao Li, Sun Yat-sen University, China	Visible Wavelength Metasurfaces By Crystals Silicon	111
40	s1087	Yinzhou Yan, Beijing University of Technology, China	Free-standing undoped acceptor-rich ZnO microtubes and their unique optical properties as ultrathin-walled microcavities (SC3DP), School of Mechanical and Aerospace Engineering (MAE), Nanyang Technological University (NTU), Singapore	113
41	s1090		Femtosecond Laser Direct Writing Of Graphene Oxide Film On Polydimethylsiloxane (PDMS) For Flexible And Stretchable Electronics	116
42	s1093	mizuki shirao, Mitsubishi Electric Corp., Japan	Wide Wavelength Bandwidth Integrated ROSA Using High Responsivity Resonant Cavity 25 Gbps Avalanche Photodiode	120
43	s1095	Binqing Wu, China Jiliang University, China	Optical Fiber Temperature Sensor With Single Sagnac Interference Loop Based On Vernier Effect	122
44	s1097	Ken Tanizawa, Tamagawa University, Japan	Silicon Photonic Bandwidth-Tunable Filter Based On 16-Tap Finite Impulse Response	125
45	s1100	AAYUSH MADAN, Nanyang Technological University, Singapore	Fiber Bragg Grating Sensors For Real-time Monitoring Of Boiler U-bend Tubes Thinning	127
46	s1102	Lin Yu-Sheng, Sun Yat-Sen University, China	Near-UV-Enhanced Sensitivity Of Plasmonic Metasurface Device For Volatile Organic Sensing	131
47	s1119	Wang Feng, Nanjing University, China	High Performance Interrogation Of Ultra-weak FBG Array Using Double-pulse And Heterodyne Coherent Detection	135
48	s1122	Optical Communication System and Networks, Department of Electronic Engineering, Shanghai Jiao Tong University, China	Visible Light Indoor Positioning Based On Camera With Specular Reflection Cancellation	138
49	s1129	Minghui TANG, The Chinese University of Hong Kong, Hong Kong	3-Dimensional Centrifugal Microfluidic Platform For The Generation Of Discrete Concentration Gradients	142
50	s1133	Engineering, Nanyang Technological University (NTU) 50 Nanyang Avenue, Singapore 639798, Singapore,	Plasmonic Phase Change Measurement In Metal Nanostructures By Frequency-comb-based Spectrally Resolved Interferometry	145
51	s1134	Bin Hu, Beijing Institute of Technology, China	Active Focal Control Of Graphene-metal Metasurface Lenses For Infrared Frequencies	147
52	s1136	Shuqin Lou, School of Electronic and Information Engineering, Beijing Jiaotong University, China	Mid-infrared Supercontinuum Generation In A Highly Birefringent As2Se3-based Photonic Quasi-crystal Fiber	149
53	s1141	Chao Li, South China University of Technology, China	Investigation Of Symmetry Breaking In A Side-coupled WG-resonator System	151
54	s1142	Chunmei Ouyang, Tianjin University, China	Steering Resonance Properties In Terahertz Metamaterials	153
55	s1144	Qing Fang, Kunming University of Science and Technology, China	A Ring-mirrors-integrated Silicon Photonics Arrayed Waveguide Grating	155
56	s1146	Hongyan Fu, Xiamen University, China	Fiber-Optic Sensing System For Simultaneous Measurement Of Temperature And Transversal Loading Based On Reflective Fiber Mach-Zehnder Interferometer	157
57	s1147	Jeeranan Boonruangkan, Nanyang Technological University, Singapore, Thailand	Rotational Diffuser For Speckle Reduction In Quantitative Phase Imaging	161

58	s1148	Guangming Ni, University of Electronic Science and Technology of China, China	Contrast Enhancement Of Spectral Domain Optical Coherence Tomography Using Spectrum Correction	163
59	s1149	Kyungtaek Min, Department of Energy Systems Research, Ajou University, Korea, Republic of	Dye-doped Fluorescent Silk Nanofiber For HCl Vapor Chemosensing And Vitamin Delivery	168
60	s1150	Ehud Shafir, Soreq NRC, Israel	Shock Wave Measurements With Fiber Bragg Gratings	170
61	s1152	Hiroki Tanaka, Keio University, Department of Electronics and Electrical Engineering, Japan	Solid-state Lasers Directly Pumped By InGaN-based Green And Blue Laser Diodes	174
62	s1154	liu xinglin, School of Information and Communication Engineering, North University of China, China	Ultra-Thin Fiber-Tip Micro-Bubble Sensor For Pressure Measurement	178
63	s1155	Hao Hu, School of Electrical and Electronic Engineering, Nanyang Technological University, Nanyang Avenue 639798, Singapore, China	Third Harmonic Generation Enhanced By Nonlocal Effect	182
64	s1156	Huang Xiaojun , Central China Normal University, China	Dual-functional Metamaterial For Reflection And Transmission Polarization Conversion	185
65	s1157	Huanhuan Zheng, National University of Singapore, China	Asynchronous Visible Light Positioning System Using FDMA And ID Techniques	187
66	s1158	Qiang Guo, Shanghai University, China	Structure Characterization And Radioluminescence Properties Of Ce3+-doped YAlO3 Fiber	191
67	s1162	Yasuhiko Shimotsuma, Kyoto University, Japan	Self-assembled Periodic Nanostructures Embedded In Wide Bandgap Semiconductor	193
68	s1169	Linghao Cheng, Jinan University, China	Magnetic Field Sensing Through Magnetic Force Using Erbium-doped Fiber Laser	196
69	s1175	Jinlong Xu, Nanjing University, China	2.8 $\mu\text{m}$ Passively Q-switched Solid State Pulse Laser Based On MoS2/Graphene Heterojunction	198
70	s1182	Hyunyoung Jung, Yonsei University, Korea, Republic of	A Monolithically Integrated 25-Gb/s Optical Receiver Based On Photonic BiCMOS Technology	200
71	s1187	Salnee Chooiwitsakunlert, Graduate School of Engineering and Science, Shibaura Institute of Technology, Japan	Athermal Condition Of Magneto-optic Waveguides In Optical Isolator Employing Nonreciprocal Guided-Radiation Mode Conversion	203
72	s1190	JIANNAN JIAO, Nanyang Technological University, China	Third Harmonic Generation At Sapphire Wafers With Different Cut Axis	205
73	s1192	Taiwei Zhang, School of Electronic and Computer engineering, Peking University, China	Spectral Compression Of Chirp-Free Hyperbolic Secant Pulse In Nonlinear Optical Fibers With Exponentially Increasing Dispersion	208
74	s1193	Shijie Chai, university of otago, New Zealand	Resonant Transfer Of Large Momenta From Finite Duration Kicks	210
75	s1194	Satoshi Shimizu, National Institute of Information and Communications Technology, Japan	Novel Photonic Encryption Technique Using Spectral Convolution And Nyquist Filtering	213
76	s1195	Atsumi Yuki, National Institute of Advanced Industrial Science and Technology (AIST), Japan	Controlled Initial Orientation of Liquid Crystals in Silicon Optical Switches with a Groove Array	215
77	s1199	wenyun Luo, School of Environmental and Chemical Engineering, Shanghai University, China	Influence Of Gamma Radiation On Luminescence Properties Of Ce3+-doped Silica Materials	217
78	s1205	Jiayuan Li, Department of Electronic and Information Engineering, Shenzhen Graduate School, Harbin Institute of Technology, China	The 2-um fully-etched silicon grating coupler	219
79	s1210	Yamagiwa Masatomo, Tokushima University, Japan	Shape Measurement By Cascade Link Multi-wavelength Digital Holography Using Optical Frequency Comb Referenced Synthesizer	222
80	s1211	Cheng-Sheng Huang, National Chiao Tung University, Taiwan, Taiwan	Design And Fabrication Of Compact Spectrometer Based On Gradient Grating Period Guided-Mode Resonance Filter	224
81	s1214	Ben Haylock, Griffith University, Australia	Quantum Tomography Of A Nonlinear Photonic Circuit By Classical Sum-Frequency Generation Measurements	226
82	s1215	Yuanjue Zhang, Tsinghua National Laboratory for Information Science and Technology, Department of Electronic Engineering, Tsinghua University, Haidian, Beijing, China, China	A Single Frequency Fiber Laser With An On-Chip High-Q Silicon Microring Cavity	228
83	s1218	Ding Zhewen, China Jiliang university, China	Fiber Refractive Index Sensor Based on Surface Plasmon Resonance with No-Core Fiber	230
84	s1223	Vaclav Kubecek, Czech Technical University in Prague, Czech Republic	783 fs and 747 fs Operation of Diode-pumped Nd,La:CaF2 and Nd,La:SrF2 Lasers	233
85	s1227	Vaclav Kubecek, Czech Technical University in Prague, Czech Republic	Parametric Raman Crystalline Anti-Stokes Laser at 503 nm With Collinear Orthogonally Polarized Beam Interaction at Tangential Phase Matching	235
86	s1228	Xiyao Chen, Minjiang University, China	1x7 Optical Splitters In A Silicon Photonic Crystal	237

87	s1229	Ivan Kuznetsov, Institute of Applied Physics of the Russian Academy of Science, Russian Federation	Thin-Rod And Thin-Tapered-Rod Ytterbium Amplifiers For Fiber Lasers	242
88	s1231	Ivan Kuznetsov, Institute of Applied Physics of the Russian Academy of Science, Russian Federation	High-Power Laser Based On Amplifiers With Yb:YAG Elements Of Advanced Geometries	244
89	s1234	Fufei Pang, Shanghai University, China	50-km-long Distributed Vibration Fiber Sensor Based On Phase-Sensitive OTDR Using Coherent Detection	247
90	s1236	Jie Yu, Institute of Modern Optics, NanKai University, China	Single Mode Excitation Ring Resonator Dye Laser Based On Simplified Hollow-core Microstructured Optical Fiber	249
91	s1243	Zhou Jie, Peking University Shenzhen Graduate School, China	Characteristic Analysis and Comparison of Two Kinds of Hybrid Plasmonic Annular Resonators	252
92	s1245	Régis Donald Hontinfindé, +32 (0)65 374199, Belgium	Metrology Of Supercontinuum Generation Along Highly Nonlinear Fibers Using Photon-counting Optical Time Domain Reflectometry	254
93	s1247	Chen Xing, Huazhong University of Science and Technology, China	Polarization-independent SBS-based Narrowband Filters For High Resolution Optical Spectrum Measurement	256
94	s1254	KANGWEN YANG, University of Shanghai for Science and Technology, China	Multi-color Tunable Laser Source Based On Fiber Optical Parametric Oscillator	259
95	s1255	Hiromitsu Kiriya, National Institutes for Quantum and Radiological Science and Technology (QST), Japan	Latest Achievements At The J-KAREN-P Laser Facility At QST	261
96	s1261	Jinde Yin, Shenzhen University, China	Anisotropic Nanochain-Clusters Of Nanoferrofluid And Its Applications In Vector Magnetometer	264
97	s1263	Keijiro Suzuki, AIST, Japan	Silicon Photonics C-Band Tunable Filter For Large-Scale Optical Circuit Switches	267
98	s1266	Yonghong Ling, Wuhan National Laboratory for Optoelectronics, School of Optical and Electronic Information, Huazhong University of Science and Technology, Wuhan, Hubei, 430074, China, China	Asymmetric Electromagnetic Wave Transmitter Based On One-way Excitation Of Surface Plasmon Polaritons In Gradient Metasurface	269
99	s1268	Zhang Wen Qi, Laser Physics and Photonic Devices Laboratories, School of Engineering, The University of South Australia, Australia	A Numerical Study Of Single-pulse Dual-wavelength Mode-locked Waveguide Laser	272
100	s1274	Wei Chen, School of Electronic and Information Engineering, Soochow University, , China	Mitigating Bandwidth-Limitation Impairments Based On Transmitter-side DSP	274
101	s1277	Wenhao Li, BUPT, China	Structural, Optical, Photoluminescence And Photoconductive Properties Of Rare-earth-doped $\beta$ -Ga2O3 Thin Films	277
102	s1279	Matthieu Lancry, University Paris Sud, France	Study Of Femtosecond Laser Induced Circular Optical Properties By Mueller Matrix Spectropolarimetry	281
103	s1282	Rui Zhou, Xiamen University, China	Pulsed Laser Patterned Copper Surface With Tunable Wettability	283
104	s1284	Cheng-Chih Hsu, Yuan Ze University, Department of Photonics Engineering,, Taiwan	Hydroperoxide Concentration Measurement With Polarized/unpolarized Spectrometer	286
105	s1286	Chengbo Mou, Shanghai University, China	Passive Q-switching Generation from an Erbium-doped Fiber Laser Using a Brewster Fiber Grating	288
106	s1290	Tongjun Liu, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology Wuhan, Hubei, 430074, China, China	Perspective On Coupling Mechanism In Bilayered Self-Complementary Metamaterials	290
107	s1295	Takakazu Suzuki, Keio university, Japan	Single-shot Burst Imaging Of Ultrafast Phenomena With Sub-picosecond Resolution And Sub-nanosecond Time Window	293
108	s1298	Fan Jiang, Science and Technology on Electronic Information Control Laboratory, Chengdu, 610036, China, China	Integrated Fiber-Optic Detector Based On Dip-Coated Colloidal Quantum Dots	295
109	s1300	Daquan Yang, Beijing University of Posts and Telecommunications, China	A Novel Proposal For Ultracompact WDM Demultiplexer Design Based On Flexible 1D Photonic Crystal Nanobeam Cavities	298
110	s1301	George Chen, University of South Australia, Australia	Super-fast Optical Hygrometer Probe Based On Polyelectrolyte-coated Fiber Taper	300
111	s1302	Tsong-Ru Tsai, National Taiwan Ocean University, Taiwan	Femtosecond Pulsed Z-scan Determination Of Nonlinear Optical Absorption Of Highly Close-packed Silver Nanoparticle Films	302
112	s1306	Nan Guo, Qian Xuesen Laboratory of Space Technology, China Academy of Space Technology, China	WSe2-In2O3 Nanowire Infrared Phototransistor	305

113	s1307	YING WAN, NTU, Singapore	Design And Optimization Of Long Period Fiber Grating Devices For Sensing Applications By Using Python	307
114	s1309	Ke Wang, Royal Melbourne Institute of Technology (RMIT), Australia	Four-Wave-Mixing Based Silicon Integrated Optical Isolator With Dynamic Non-Reciprocity	312
115	s1310	PEI LI, Tsinghua National Laboratory for Information Science and Technology (TNList), Department of Electronic Engineering, Tsinghua University, China	A Photonic-assisted Compressive Sampling System Using A Directly-modulated Laser	314
116	s1314	George Chen, University of South Australia, Australia	Radial Position Measurement Of Defects Within Optical Fibers Using Skew Rays Interrogation	317
117	s1315	Rohith Thazhe Madam, Nanyang Technological University, Singapore	Spatial Coherence Reduction For Speckle Free Imaging Using Electroactive Rotational Optical Diffusers	319
118	s1318	Tianfu Yao, National University of Defense Technology, China	Mid-infrared Fluoride Raman Fiber Laser Pumped By Erbium Doped Fluoride Fiber Laser	321
119	s1327	MAYUR KUMAR CHHIPA, K L UNIVERSITY, A.P. INDIA, India	Dual Micro Ring Resonator Structure Based Band Pass Filter For CWD Applications Using Photonics Technology	323
120	s1332	Lee Seojoo, Korea University, Korea, Republic of	Analysis On The Surface-enhanced Circular Dichroism Spectroscopy	325
121	s1333	Ge Aichen, Tianjin University, China	Generation of Few-Cycle Laser Pulses by Coherent Synthesis Basing on Femtosecond Yb Fiber Laser	327
122	s1339	YING GENG, Jiangsu Normal University, China	Broadband Passive Harmonic Mode Locking In A Dispersion-managed Er-doped Fiber Laser	329
123	s1343	wen jun ding, Institute of High Performance Computing, A*STAR, Singapore, Singapore	High Field Broadband THz Pulses By Ultrashort Laser-plasma Interaction	332
124	s1344	xia changming, south china normal university, China	Optical Properties And Laser Performance Of Tm-doped Photonic Crystal Fiber With La2O3-Al2O3-SiO2 Glasses	335
125	s1348	Jiajun Tian, Harbin Insititute of Technology, Shenzhen, China	Efficient Laser-ultrasound Generation At Optical Fiber Sidewall Based On Core-offset Splicing Fiber	338
126	s1350	Usman Younis, National University of Singapore,	Mid-IR Waveguides In SOI Platform	341
127	s1354	Junfeng Zhang, Soochow University, China	Mitigating Fiber Nonlinearity Using Support Vector Machine With Genetic Algorithm	343
128	s1366	Sijia Wang, Qian Xuesen Laboratory of Space Technology, China Academy of Space Technology, China	Efficient Self-Similar Evolution and Intensity Noise Suppression in High-Gain Femtosecond Fiber Amplifiers Using Pump-Wavelength Optimization	346
129	s1370	Li Xiao, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, China	Tunable Dual-Band And Wide-Angle Perfect Absorber Based On Graphene Metamaterial	349
130	s1373	Koichi Iiyama, Kanazawa University, Japan	Three-dimensional Object Profiling By FMCW Optical Ranging System Using A VCSEL	351
131	s1375	Shiro Ryu, School of Interdisciplinary Mathematical Sciences, Meiji University, Japan	Study on Diversity Receiving Techniques in Optical Wireless Communication Systems	354
132	s1376	Yu Honghao, Huazhong University of Science & Technology, China	Active Hybrid-material Longwave Infrared Absorber Of Graphene Ribbon Array	356
133	s1378	Yue-De Yang, Institute of Semiconductors, Chinese Academy of Sciences, China	Ray Dynamics And Mode Characteristics Of Square Microcavities With Circular Sides	358
134	s1381	MAYUR KUMAR CHHIPA, K L UNIVERSITY, A.P. INDIA, India	2D Photonic Crystal Micro Cavity Ring Resonator Based Sensor For Biomedical Applications	360
135	s1382	chen feihong, University of Shanghai for Science and Technology, China	Compact All-PM-fiber Er-laser Mode-locked By A Phase-biased Nonlinear Amplifier Loop Mirror	362
136	s1384	Takashi Kato, The Univ. of Electro-Communications (UEC), Japan	Non-scanning Three-dimensional Imaging Using Two-dimensional Spectroscopy And Spectral Interferometry With Chirped Frequency Comb	364
137	s1385	Xinyu Mao, Tsinghua university, China	Design And Fabrication Of A Crossed Grating With Multiple Zero-reference Marks For Surface Encoders	366
138	s1387	Luo Site, Department of Electronic Engineering, Tsinghua University, Beijing, China, China	Gastric And Colon Cancer Imaging With Swept Source Optical Coherence Tomography	368
139	s1389	Yujie Chen, Sun Yat-sen University, China	Fabrication-friendly High-efficiency Silicon Nitride Grating Coupler	371
140	s1393	Jin-Long XIAO, State Key Laboratory on Integrated Optoelectronics, Institute of Semiconductors, Chinese Academy of Sciences, China	Contentious-wave Lasing Near 1.55 $\mu$ m In Microcylinder With Quantum Dot Active Regions	374
141	s1397	YingLong Gu, Harbin Institute of Technology Shenzhen Graduate School, China	Observation of Bound Soliton in Mode Locked Fiber Laser Exploiting Simplified Nonlinear Polarization Rotation	376



142	s1400	Chengwang Zhao, Beijing University of Posts and Telecommunications, China	Regulable Photon Bunching And Anti-Bunching In Quantum Dot-Bimodal Cavity Coupling System	378
143	s1402	Yuki Yamaguchi, Keio university, Japan	Supercontinuum Generation By Self-phase Modulation And Induced Phase Modulation At Fused Silica Thin Plate Array	380
144	s1404	Shulei Wang, BUPT, China	Non-invasive Blood Glucose Measurement Scheme Based On Near-infrared Spectroscopy	382
145	s1407	Communications (Education Ministry of China), School of Communication and Information Engineering, University of Electronic Science and Technology of China, China	Sparse Volterra Model Based On Single Side-Band Optical NPAM-4 Direct-Detection System	386
146	s1410	Muhammad Umar, Ajou university, Korea, Republic of	A Single Mode Distributed Feedback Laser For Arbitrary Gain Morphology	390
147	s1422	Binbin Yan, State Key Laboratory of Information Photonics and Optical Communications, Beijing University of Posts and Telecommunications, China	Vector Bend Sensing Based On Polymer And Silica Fiber Bragg Gratings	392
148	s1423	Yinping Liu, Shanghai Jiao Tong University, China	Birefringence Variation Independent Fiber-Optic Current Sensor Based On Polarization Diversity And Real-Time SOP Measurement	394
149	s1424	Guo Zhen, School of Optical and Electronic Information, Huazhong University of Science and Technology, China	Highly Nonlinear Fiber With Enhanced SBS Effect For Narrowband Optical Filtering	397
150	s1430	P Anantha, Nanyang Technological University, Singapore	Low Propagation Loss Ge-on-Si Waveguides And Their Dependency On Processing Methods	400
151	s1433	Baruch Fischer, Electrical Engineering Department, Technion, Israel	Thermal Equilibrium Of Photons And Lasing Without An Overall Inversion In Standard Erbium-Doped Fibers	403
152	s1435	Baruch Fischer, Electrical Engineering Department, Technion, Israel	Wavelength Switchable Fiber Laser With Sampled Fiber Bragg Grating Reflectors By Mode-locking Frequency	405
153	s1443	Yujie Chen, Sun Yat-sen University, China	Orbital Angular Momentum Assisted Spin-directional Coupling	408
154	s1447	Megumi Uchida, The University of Electro-Communications (UEC), Japan	One-shot Three-dimensional Measurements With A Fiber Bundle Using A Chirped Optical Frequency Comb	412
155	s1449	Yujie Chen, Sun Yat-sen University, China	Chirality And Directional Emission Of A SiNx-based Microring Resonator With Position Controllable Scatters	414
156	s1452	Tian Chen, University of Science and Technology of China, China	Adaptive Quantum Receiver For PPM And Multi-pulse PPM Weak Signal Discrimination	417
157	s1455	Junbin Fang, Department of Optoelectronic Engineering, Jinan University, China	An Efficient Visible Light Positioning Method Using Single LED Luminaire	419
158	s1457	abdolnaser zakery, Shiraz University, Iran, Islamic Republic of	Optical Limiting And Nonlinear Optical Properties Of GO Functionalized By CdTe Quantum Dots	421
159	s1460	abdolnaser zakery, Shiraz University, Iran, Islamic Republic of	Tunable metamaterial structures and slow light effects using plasmon induced transparency	424
160	s1462	Matthieu Lancry, University Paris Sud, France	Creation And Orientation Of Nano-crystals By Femtosecond Laser Light For Controlling Optical Non-linear Response In Silica-based Glasses	428
161	s1466	Roland E. Mainz, CFEL at DESY Hamburg, Germany	Shot-to-Shot And Long-Term CEP-Stable Front-End For A Parallel Optical Waveform Synthesizer	430
162	s1467	Nai-Hsiang Sun, I-Shou University, Taiwan	Leakage Loss In Silicon Photonics	434
163	s1472	YUN WANG, ORC, University of Southampton, United Kingdom	UV Luminescence In Gd-doped Silica And Phosphosilicate Optical Fibres	437
164	s1475	Nakajima Yoshiaki, The University of Electro-Communications, Japan	Mode-filtering Of A Fiber-based Optical Frequency Comb With Long-fiber-based Ring Resonator For Repetition Rate Multiplication	440
165	s1481	Tomoki Matsui, Chuo University, Japan	Direct Bonding Of A Laser Crystal And Copper By Use Of The Room-temperature Bonding	442
166	s1484	shunsuke murai, Kyoto University, Japan	Excitation Of Collective Plasmonic Modes And Photoluminescence Enhancement In The Al Nanocylinder Array	444
167	s1486	Tomohito Kawa, Institute of innovative research, Tokyo institute of technology, Japan	Temperature Sensing Based On Multimodal Interference In Plastic Optical Fibers: Sensitivity Enhancement By Annealing	447
168	s1493	Kairong Li, Beijing University Of Posts And Telecommunications, China	Time-lens-assisted Coupled Opto-electronic Oscillation	450
169	s1494	Tingting Wu, Nanyang Technological University, Singapore	Mid-infrared Molecular Refractive Index And Vibrational Modes Sensing	453



170	s1496	Naoki Kanada, Electronic Navigation Research Institute, National Institute of Maritime, Port, and Aviation Technology, Japan	EVM Evaluation For Wideband Radio Over Fiber System At 96GHz	456
171	s1498	Cheng Lei, Chemistry Department, University of Tokyo, Japan	High-throughput, Label-free, Multivariate Cell Analysis With Optofluidic Time-stretch Microscopy	458
172	s1500	Jin Tang, the Chinese University of Hong Kong, Hong Kong	Dynamic Property Investigation Of Optical Burst Injection Locking Lasers	462
173	s1504	Alessio Stefani, DTU Fotonik, Denmark	Deformable Wire Array: Fiber Drawn Tunable Metamaterials	465
174	s1507	Huei Teo, Nanyang Technological University, Singapore	Optimisation Of Long Period Fibre Grating Design	467
175	s1508	Nanxi Li, Harvard University, Massachusetts Institute of Technology, United States	Thulium-Doped Distributed Feedback And Distributed Bragg Reflector Lasers On Silicon Chips	472
176	s1509	Yang Xia, Centre for Optical & Laser Engineering, Nanyang Technological University, Singapore	Peptides Functionalized Carbon Dots For In Vitro Fluorescent Imaging Of Amyloid Fibrils	476
177	s1511	Shao-cheng Yan, Nanjing University, China	Microfluidic Flowmeter Based On Long-period Fiber Grating Coated With Few-layer Graphene	479
178	s1514	Fangcheng Shen, Huazhong University of Science and Technology, China	Small Period Long Period Grating With Enhanced Sensitivity In Low Refractive Index Region	481
179	s1516	Yuto Ueno, Mitsubishi Electric Corporation, Japan	Distributed Feedback Laser Diode With Fast Wavelength Switching And Wide Tuning Range	483
180	s1521	Yan Li, NUS, Singapore	Performance Of Two-Dimensional ML Detector With Laser Phase Noise And Frequency Offset	485
181	s1524	Du Xinwei, NUS, Singapore	Chromatic Dispersion Monitoring By Extended Kalman Filter For Coherent Optical OFDM Systems	488
182	s1528	JING ZHANG, Nanyang Technological University, Singapore	High-Q Silicon Microsphere Whispering Gallery Mode Resonator Fabricated By Laser Induced In-Fiber Capillary Instability	492
183	s1529	Kazuya Mori, Tokushima University, Japan	Temporal And Wavelength Dependency On QPSK To 16QAM Modulation Format Conversion By Delay Line Interferometer	495
184	s1532	Yuemei Luo, Nanyang Technological University, Singapore	Micro-optical Coherence Tomography Endoscopic Imaging Of Rat Colon Ex Vivo	497
185	s1533	Minami Akie, Hokkaido University, Japan	A Compact And Low-loss GeSn Electroabsorption Modulator Using Vertical Multimode Interference For Mid-infrared Ge-on-Si Platform	500
186	s1535	Seunghwan Ko, University of Seoul, Korea, Republic of	Passive Mode-locking Of A Fiber Laser Using A Graphene Oxide-based Saturable Absorber Based On Cladding-etched Optical Fiber	503
187	s1539	Ohtsuki Tatsuya, University of Electro-Communications, Japan	Regenerative Wavelength Conversion Of PAM-4 Signals Using XGM With Blue-Shift Filtering In A QD-SOA	505
188	s1541	mao okada, Tokushima University, Japan	Multipoint Temperature Sensing Using Linear-Cavity Fiber Laser With AWG And FBGs	508
189	s1543	Fumiaki Tajima, Yokohama National University, Japan	Real Part Of Dielectric Constant Of A Subwavelength-in-diameter Silver Pipe Is Positive In Visible Light	510
190	s1544	Hongnan Xu, Center for Optical and Electromagnetic Research(COER), Department of Optical Engineering, Zhejiang University, China	Ultra-Compact And Broadband Silicon Polarization Rotator	512
191	s1545	Ken-ichi Kitayama, Graduate School for the Creation of New Photonics Industries (GPI), Japan	Coherent Radio-over-Few-Mode-Fiber	514
192	s1551	Alessio Stefani, DTU Fotonik, Denmark	Flexible Optical Fiber Sensor Based On Polyurethane	517
193	s1561	Hiroki Takesue, NTT Basic Research Laboratories, NTT Corporation, Japan	Solving Large-scale Optimization Problems With Coherent Ising Machine	519
194	s1566	Jiayang Wu, Swinburne University of Technology, Australia	Micro-ring Resonator Quality Factor And Extinction Ratio Enhancement Via Integrated Fabry-Perot Cavity	521
195	s1567	Yueqing Du, Huazhong University of Science and Technology, China	Vector Solitons In Mode-locked Fiber Lasers By Fast-axis Instability	523
196	s1568	Kazuhide Sato, Tokai University, Japan	Photoacoustic Spectroscopy Using Remote Optical Measurement System	526
197	s1570	Kin Seng Chiang, City University of Hong Kong, Hong Kong	Graphene-Coated In-Fiber Mach-Zehnder Interferometer For Ammonia Gas Sensing	528
198	s1572	Wei Ren, The Chinese University of Hong Kong, Hong Kong	An Erbium Doped Fiber Laser-based Intra-cavity Photoacoustic C2H2 Gas Sensor	530
199	s1574	Lei Gao, Chongqing University, China	Incoherent Optical Modulation Of Graphene Based On Inline Fiber Mach-Zehnder Interferometer	533

200	s1578	Xiangnong Wu, College of Information, Mechanical and Electrical Engineering, Shanghai Normal University, China	A Hybrid Design Of Temperature-Strain Dual-Parameter Sensing Based On Sampled Optical Fiber Grating	535
201	s1579	Changrui Liao, Shenzhen University, China	Photonic Crystal Fiber With Selective Infiltration For High Sensitivity Simultaneous Temperature And Strain Measurement	539
202	s1581	Peng Qin, Qian Xuesen Laboratory of Space Technology, China Academy of Space Technology, China	Complete Removal of Gordon-Haus Jitter in Large Dispersion Femtosecond Fiber Lasers	542
203	s1582	Masaki Uetai, Tokushima University, Japan	Modulation Format Conversion From OOK And QPSK To 8QAM Using XPM And XGM In An SOA	545
204	s1583	jiaqi luo, SIMTech, Singapore	Tunable Raman Soliton Beyond 2 Micron	547
205	s1584	Masahiro Yoshida, Department of Electronic Science and Engineering, Kyoto University, Japan	Elliptical Double-Hole Photonic-Crystal Surface-Emitting Lasers	549
206	s1586	yanjie gu, tate Key Lab of Info. Photon. & Opt. Comm, China	Experimental Research On SOPP-OSTBC Scheme In UV Communication With Concise 2-PPM	552
207	s1590	Atsushi Sato, Tohoku Institute of Technology, Japan	High-Average-Power Operation Of A 100-mJ-Class, Conductively Cooled, Q-switched Tm,Ho:YLF Laser	555
208	s1591	Yurie Yoshida, Graduate School of Science and Technology, Keio University, Japan	Polymer Waveguide Incorporated With Europium-aluminum Polymer Composite For Compact And High-gain Optical Amplification Devices	558
209	s1595	Yiding Lin, Singapore-MIT Alliance for Research and Technology (SMART), Singapore	Extension Of Germanium-on-Insulator Optical Absorption Edge Using CMOS-Compatible Silicon Nitride Stressor	562
210	s1596	Hyub Lee, Nanyang Technological University, Singapore	Graphene-based Ultrathin Optical Components Printed By Femtosecond Laser Direct Writing Method	567
211	s1604	Hyub Lee, Nanyang Technological University, Singapore	Photoreduction Of Graphene Oxides Using A Femtosecond Laser: Photothermal And Photochemical Contributions	569
212	s1605	Seungwoo Shin, Dept. of Physics, Korea Advanced Institute of Science and Technology, Korea, Republic of	Multimodal Approach Combining Optical Diffraction Tomography and 3-D Structured Illumination Microscopy Using a Digital Micromirror Device	572
213	s1608	Hyub Lee, Nanyang Technological University, Singapore	Direct Laser Writing Of Graphene Oxide Patterns Using Femtosecond Laser Pulses With Different Repetition Rates	575
214	s1610	Byoung-Uk Sohn, Singapore University of Technology and Design (SUTD), Singapore	Compact Open-path Detection Of N2O Gas With Low Concentration Of Ppb Level Based On QCL	578
215	s1612	Seungwoo Shin, Dept. of Physics, Korea Advanced Institute of Science and Technology, Korea, Republic of	Optical Field Imaging With A Single Photodiode Exploiting Optical Phase Conjugation	580
216	s1613	Ying YU, The University of Hong Kong, Hong Kong	Pulse-spacing Manipulation In A Passively Mode-locked Fiber Laser	582
217	s1618	Jinfeng Li, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, China	Wavefront Correction Near The Focus Of Petawatt Laser System For High-field Science Experiment	584
218	s1619	Jiajun Tian, Harbin Institute of Technology, Shenzhen, China	Dual-channel Fiber Ultrasonic Sensors Based On Fiber Bragg Gratings In An Erbium-doped Fiber Laser	586
219	s1620	Shun Ohta, Hokkaido University, Japan	A Proposal Of Mach-Zehnder Mode Multi/Demultiplexer For WDM/MDM Optical Transmission System	589
220	s1621	Kazuki Akiyama, Chuo University, Japan	Accurate Measurements of Electro-optic Coefficients of MgO-doped And Undoped Congruent And Stoichiometric LiNbO3	592
221	s1625	Zuxing Zhang, Nanjing University of Posts and Telecommunications, China	High-power Cylindrical Vector Beam Fiber Laser Based On Few-mode Fiber Bragg Grating	595
222	s1627	Peng Lu, School of Electronic and Computer Engineering Pecking University Shenzhen, 518055, China, China	A Weak Femtosecond Pulse Seed On CW Pumped Supercontinuum Generation	597
223	s1629	Kana Ando, Chiba Univ., Japan	Mid-infrared (6-18 $\mu$ m) Optical Vortex Parametric Laser With Topological Charge Versatility	599
224	s1630	Yunqi LIU, Shanghai University, China	High Sensitivity Refractometer Based On Long-Period Fiber Gratings With High Diffraction Order Mode At Turning Point	601
225	s1631	Yunqing Lu, School of Optoelectronic Engineering Nanjing University of Posts and Telecommunications, China	Improved Extraordinary Transmission Of Light Through A Single Nano-slit By Exciting The Hybrid State Of Tamm And Surface Plasmon Polaritons	603
226	s1633	Balasubramanian Malayappan, BITS-Pilani, Hyderabad Campus, India	MOEMS Accelerometer Based On Grating Coupler Integrated With Embossed Diaphragm	605
227	s1637	Shigeki Nishida, Nara National College of Technology, Japan	Development Of A Novel Diffractive Optical Element Which Detects The Center Wavelength Of A Light Source Using A Multiplex Fresnel Hologram	609

228	s1641	Yuan-Yao Lin, National Sun Yat-Sen University, Taiwan	Optical Vortex Beam Conversion Based On Resonator With An Intra-cavity Spiral Phase Plate	613
229	s1644	Sumanta Bose, School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore	Theoretical Investigations Of Excitonic Absorption In Quasi Two-dimensional CdSe Nanoplatelets	615
230	s1647	Jiang Ning, University of Electronic Science and Technology, China	Secure Chaos Communication With Semiconductor Lasers Subject To Sinusoidal Phase-Modulated Optical Feedback	618
231	s1648	Sumanta Bose, School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore	Strain Profile And Size Dependent Electronic Bandstructure Of Type-I CdS/CdSe Quantum Ring	621
232	s1652	Kunpu Li, School of Electronic Engineering, University of Electronic Science and Technology of China, China	Non-Wearable Respiration Monitoring Based On Mach-Zehnder Interferometer	624
233	s1654	Wenlong Tian, xidian, China	Diode-pumped High-power Kerr-lens Mode-locked Yb:CY A Laser	626
234	s1658	Xiaoke Zhang, Shenzhen University, China	Generating Fast Switchable Optical Vortices By Beam Combining	628
235	s1660	Yunyi Yang, Swinburne University of Technology, Australia	Analysis Of Enhanced Four-wave Mixing In Integrated Silicon-graphene Oxide Hybrid Waveguides	632
236	s1661	Tomohiro Matta, Okayama University, Japan	Simultaneous Operation of Laser Ablation and Temperature Monitor using Single Optical Fiber for Hyperthermia	635
237	s1662	Woohyun Jung, Yonsei University, Korea, Republic of	Optical study of light-emitting biopolymer based on deoxyribonucleic acid-cetyltrimethylammonium chloride doped with riboflavin	638
238	s1665	Daisuke Akamatsu, National Metrology Institute of Japan, Japan	Optical Trap Of A Nanoparticle In Ultra-high Vacuum Towards A Mixture Of A Nanoparticle And A Laser Cooled Gas	640
239	s1667	Ken-ichi Kondo, The University of Electro-Communications (UEC), Japan Science and Technology Agency (JST), ERATO MINOSHIMA Intelligent Optical Synthesizer (IOS) Project, Japan	Precise Birefringence Measurement Of Anisotropic Materials By Dual-Comb Spectroscopy	642
240	s1669	Monir Morshed, PhD student, School of Engineering and Information Technology, UNSW, Canberra, Australia	Composite Bow-tie Nano-antenna	644
241	s1672	Meng Wang, Huazhong University of Science & Technology (HUST) National Engineering Laboratory for Next Generation Internet Access System (NGIAS), China	Few-mode Fiber Based Raman Distributed Temperature Sensing Over 25 Km With Link Optimization And Wavelet-denoising	646
242	s1676	ChunYen Peng, National Taiwan University, Graduate Institute of Photonics and Optoelectronics, Taiwan	Investigation Of Mirror-resistance Reduction In The Signal Transmission Integrity Of VCSELs	649
243	s1677	Parviz Elahi, Researcher, Turkey	3.5-W, Femtosecond Chirped Pulse Amplification Fiber Laser System At 1560 Nm	651
244	s1678	Denis Kharenko, Institute of Automation and Electrometry, SB RAS, Russian Federation	Generation Of Powerful Ultrashort Raman Pulses Near 1.3 Micron In External Phosphosilicate-fiber Cavity	653
245	s1681	Jakub Boguslawski, Wroclaw University of Science and Technology, Poland	Numerical Simulations Of Sub-100 Fs Soliton Fiber Laser Mode-locked By Graphene	655
246	s1683	Liang Cui, Tianjin University, China	Wavelength Tunable Source Of Correlated Photon Pairs Based On Photonic Crystal Fiber	659
247	s1685	YUE WANG, The University of Electro-Communications (UEC), Japan	Portable And Stable Dual-Comb Spectroscopic System Based On All-Fiber Setup	661
248	s1686	Tomohiro Makino, The University of Electro-Communications, Japan	High Accuracy Self-correction Of The Air-refractive Index With A Single Color Comb Interferometer	663
249	s1689	SAMIR KUMAR, National Institute of Science Ed & Research, HBNI, India	Refractive Index Sensor Based On Hybrid-Tamm Plasmon-Polariton And Cavity Mode	665
250	s1691	Masaharu Hyodo, Kanazawa Univ., Japan	Discrimination Of Absorption Variations In Two Layered Structure By Using Angular Distribution Of Diffuse Reflected Light	667
251	s1696	Eu Jin Tan, Stelop Pte Ltd (A company of ST Electronics), Singapore	Advanced Image Fusion System	670
252	s1699	Chao Wang, University of Kent, United Kingdom	Photonic Time-Stretch Optical Coherence Tomography With Data Compression And Improved Resolution	673
253	s1701	Ketian Wang, University of Electronic Science and Technology of China, China	Fiber-optic In-line Mach-Zehnder Modal Interferometer For Breathing Monitoring Application	676
254	s1702	li zhu, Wuhan University of Technology, China	Improved Performance of Fiber Optic Hydrogen Sensor Based on High Reflective Bragg Grating and WO3-Pd2Pt-Pt Composite Films	679

255	s1706	Jianwei Lee, Centre for Quantum Technologies, Singapore	Photon Number And Timing Resolution Of A Near-infrared Continuous-wave Source With A Transition Edge Sensor	682
256	s1708	Jiamin Li, Tianjin University, China	Quantum Enhanced Joint Measurement Of Two Conjugate Observables With An SU(1,1) Interferometer	686
257	s1710	Parviz Elahi, Researcher, Turkey	50-W, 1.6-GHz Pulse Repetition Rate From A Burst-Mode Yb-Doped Fiber Laser	688
258	s1712	Kyu-Sup Lee, Department of Physics and Photon Science, Gwangju Institute of Science and Technology, Korea, Republic of	Characterization Of Optically-controlled Terahertz Modulation Based On A Hybrid Device Of Perovskite And Silicon	690
259	s1720	Heeyoung Lee, Tokyo Institute of Technology, Japan	Operation Of Power-Based BOCDR: Measurement Sensitivity Influenced By Spatial Resolution	692
260	s1721	Mohammed Saleh, Institute of Photonics and Quantum Sciences, United Kingdom	Solitonisation Of Anderson Localisation And Optical-event Horizons In Rogue-solitons Generation	694
261	s1722	Yusuke Hisai, Yokohama National University, Japan	Development Of An 8-branch Optical Frequency Comb For Laser Frequency Stabilization	696
262	s1724	Asahara Akifumi, The University of Electro-Communications, Japan	Coherent Modulation Of Interference Signals In Dual-Comb Spectroscopy	699
263	s1727	Qing Mi, State Key Laboratory of Information Photonics and Optical Communications, Beijing University of Posts and Telecommunications, China	Wearable Photosensor Devices Based On RGO-coated Fabrics	701
264	s1729	Muhammad Talal Ali Khan, King Fahd University of Petroleum and Minerals, Pakistan	Optical Wireless Communication at 100 Gb/s Using L-band Quantum-dash Laser	705
265	s1730	Jie Shao, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, China	Quantum Interference Of The Non-degenerate Photon Pairs In Silicon Nanowire	708
266	s1731	Mohamed Shemis, King Fahd University of Petroleum and Minerals, Saudi Arabia	Self-injection Locked InAs/InP Quantum-dash Laser For High Capacity Optical Communication System	711
267	s1732	Jan Radil, CESNET, Czech Republic	Sensoric And Data Applications In National Research And Educational Networks	714
268	s1736	Hailiang Zhang, COFT, School of EEE, NTU, Singapore	Helical Long Period Grating In Multicore Fiber For Simultaneous Measurement Of Torsion And Temperature	717
269	s1739	Guanhao Wu, Department of Precision Instrument, Tsinghua University, China	Suppressing The Relative Linewidth Of A Dual-comb System Without Using Ultra-stable CW Lasers	720
270	s1743	Wanvisa Talataisong, University of Southampton, United Kingdom	A Nano-fiber Coupler Thermometer	722
271	s1744	JAYANTA KUMAR RAKSHIT, NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA, India	Design Of All Optical 1-bit And 2-bit Magnitude Comparator Using Micro-ring Resonator	724
272	s1746	Ye Tian, Beijing University of Posts and Telecommunications, China	A Novel Integratable Optical Analog-to-digital Converter Based On Cascaded Step-size MMI	728
273	s1752	Di Yang, Yangtze Optical Fibre and Cable Joint Stock Limited Company, China	An Optical Fiber Comprehensive Analysis System For Spectral-Attenuation And Geometry Parameters Measurement	730
274	s1764	Senna Fujino, Tokai University, Japan	Development Of Ultrashort Pulse Fiber CPA System	732
275	s1766	Yi Xiao, Department of Electrical Engineering and Information Systems, Tokyo University, Japan	Room-Temperature Capsule-Shaped Wavelength-Scale Metal-Clad Laser Operating At 1550 Nm	734
276	s1767	Guangyuan Li, CUDOS, the University of Sydney, Australia	Broadband Slow-light Enhancement Of Nonlinear Effects With Plasmonic Structures	736
277	s1768	Liu Yi, Institute of Optoelectronic Engineering, College of Physics and Optoelectronics, Taiyuan University of Technology, China	Multiwavelength Brillouin Erbium Fiber Laser Sensor With High Resolution	738
278	s1769	Koji Isaku, Department of physics, Tokai University, Japan	Numerical And Experimental Analysis Of Spectral Broadening In Picosecond Multi-stage Fiber Amplifier	741
279	s1774	Judith Dawes, Macquarie University, Australia	Graphene Photo-detector Enhanced By Plasmonic Coupling	743
280	s1777	HUA YANG, TYNDALL NATIONAL INSTITUTE, UCC, CORK, IRELAND, Ireland	InP-based Single-frequency Single-facet 1x2 MMI Teardrop Laser Diodes	746
281	s1778	Yujie Chen, Sun Yat-sen University, China	Cascaded Metasurface Structures	749
282	s1779	Lei Gao, Chongqing University, China	Watt-level, Ultrafast Fiber Laser Functioned With Ultraweak Evanescent Field	752
283	s1780	Yu Zhijie, National University of Defence Technology, China	Polarization Dependence Of Rayleigh Interference Signal In Phase-sensitive OTDR	754
284	s1781	Pauline John, Indian Institute of Technology, India	Glucose Sensing In Oral Tissue Mimicking Phantoms Using Supercontinuum Laser Source	757

285	s1783	Zhao Wang, HuaZhong University of Science and Technology, China	M <sup>2</sup> Quality Factor Measurement Without Power And Wavelength Limit Based On Infrared Image Technology	761
286	s1789	ARDHENDU SAHA, NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA BARJALA, India	Electro-optically Induced Nonlinear Phase Shift In RTP Crystal By Cascaded Second-order Nonlinearity	763
287	s1792	Mukesh Kumar Shukla, National Institute of Science Education & Research, India	High Power, Tunable, Mid-IR Generation With Singly Resonant Optical Parametric Oscillator	766
288	s1795	Yongzhi Cheng, School of information Science and Engineering, Wuhan University of Science and Technology, Wuhan, Hubei, 430081, China, China	A Photoexcited Tunable Circular Dichroism With Planar Chiral Metamaterial In Terahertz Region	768
289	s1796	ARDHENDU SAHA, NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA BARJALA, India	Multimode Interference Based High Sensitivity Refractive Index Sensor By Shining Zeroth Order Bessel-Gauss Beam	772
290	s1800	Changqing Huang, China Jiliang University, China	Tunable And Cascaded Brillouin-Erbium Random Fiber Laser	776
291	s1801	Guanhao Wu, Department of Precision Instrument, Tsinghua University, China	Calculating The Effective Center Wavelength For Heterodyne Interferometry Of Optical Frequency Comb	779
292	s1805	Changwei Li, College of Science, Minzu University of China, China	Organic Edge-Emitting Photonic Crystal Laser by Photoexcitation	781
293	s1807	Naila Zahra, Institut Teknologi Bandung, Indonesia	Static Evaluation Of One Shot 3D Surface Imaging Using Digital Colored Fringe Projection Technique	783
294	s1809	Huiping Tian, School of Information and Communication Engineering, Beijing University of Posts and Telecommunications , China	Highly Sensitive On-chip Eight Channel Sensing Of Ultra-compact Parallel Integrated Photonic Crystal Cavities Based On Silicon-on-insulator Platform	787
295	s1810	Junbin Fang, Department of Optoelectroinc Engineering, Jinan University, China	A Physical-Layer Secure Coding Scheme For Visible Light Communication Based On Polar Codes	789
296	s1813	Tingting Han, Tianjin Key Laboratory of Wireless Mobile Communications and Power Transmission, Tianjin Normal University, China	A High Sensitivity Strain Sensor Based On A Selective-filling High Birefringent Photonic Crystal Fiber Sagnac Interferometer	791
297	s1816	zhaoer chai, State Key Laboratory of Information Photonics and Optical Communications, Beijing University of Posts and Telecommunications, China	Optical Resonances From InAs Quantum Dots Embedded in Rolled-Up Tubular Microcavity	795
298	s1819	Xiaoqiong Qin, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, China	Characteristics Of Double Fiber Ring Incorporated With A Fiber Bragg Grating	798
299	s1821	Huiping Tian, School of Information and Communication Engineering, Beijing University of Posts and Telecommunications , China	Ultra-compact Dual-parameter Sensing Based On A Photonic Crystal Rectangular Holes Nanobeam Multimode Microcavity	801
300	s1822	Huei-Yau Jeng, Institute of Photonics Technologies, National Tsing Hua University, Taiwan	Characterizations Of DNA Biopolymer-based Rewritable Memory Devices	803
301	s1827	Hailiang Zhang, COFT, School of EEE, NTU, Singapore	Directional Bending Sensor Based On Spatially Arrayed Long Period Gratings In Multicore Fiber	805
302	s1828	Sakoolkan Boonruang, National Electronics and Computer Technology Center, Thailand	Label-free Guided Mode Resonance Sensor For Detection Of Glycated Hemoglobin	807
303	s1830	SUSUMU KATO, National Institute of Advanced Industrial Science and Technology (AIST), Japan	Simulated Beam Propagation In Nonlinear Optical Process For Management Of Efficient Wavelength Conversion	809
304	s1831	xu hou, State Key Laboratory of Information Photonics Optical Communications, Beijing University of Posts and Telecommunications, China	Silver Film Deposited Over Large-area Self-assembled Array Of Silica Nanospheres As Ultrasensitive SERS Substrate	811
305	s1835	paulson K G, Pondicherry University, India	Entanglement Sudden Death Of Higher Rank Boundary Qubit-qutrit States	814
306	s1836	Riki Takahata, Nihon University, Japan	Single-Photon Detection in 900nm Range Using InGaAs/InP Single-Photon Avalanche Diode	817
307	s1840	Junrong Ong, IHPC, Singapore	Silicon Nitride Double-tip Fiber-to-waveguide Edge Couplers At Visible Wavelengths	819
308	s1841	Xiaorong GU, Nanjing University of Aeronautics and Astronautics, China	Passively Mode-locked Er-fiber Laser By Using Tm-Ho Co-doped Fiber As The Saturable Absorber	822
309	s1853	Wentao Zhang, Institute of Semiconductors, Chinese Academy of Sciences, China	FBG-FP Spectral Denoising For High Resolution Of Quasi-static Strain Measurement Based On EMD	824
310	s1854	Xiaoxi Jin, PMG SIMTech, A*STAR, Singapore	High-Efficiency Pulsed Tm-Doped Fiber Amplifier	827
311	s1862	Tongqing Liu, Yangtze Optical Fibre & Cable Joint Stock Co. Ltd., China	A Distributed Temperature Sensor Based On Two Mode Fiber	829
312	s1863	Dihan Hasan, NUS, Singapore	Low Thermal Stress Mo-AlN-Mo Platform For Metamaterial Based Mid-IR Absorber	831



313	s1865	BOWEI DONG, National University of Singapore / Institute of Microelectronics, A*STAR, Singapore	Compact Low Loss Silicon-on-Insulator Waveguide for Broadband Mid-Infrared Photonics	834
314	s1869	Thomas Ang, Institute of High Performance Computing ASTAR, Singapore	Versatile Bezier Bends For Silicon Photonics	837
315	s1874	Nan Chen, NUS, Singapore	Polarization-Dependent Cut Wire In Mid-Infrared Metamaterial Absorber	839
316	s1875	Bingqing ZHU, The Chinese University of Hong Kong, Hong Kong	Integrated Near-Infrared Photodetector Based On Colloidal HgTe Quantum Dot Loaded Plasmonic Waveguide	842
317	s1876	Thomas Ang, Institute of High Performance Computing ASTAR, Singapore	Silicon Modulators For 25 Gb/s Photonics Platform	845
318	s1890	Qingzhong Huang, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, China	Experimental Observation Of Electromagnetically Induced Transparency-like Transmission In A Silicon Based Ring-bus-ring-bus System	847
319	s1893	Vahan Malkhasyan, Applied Mechanics Department, FEMTO-ST Institute, University of Bourgogne Franche-Comte/ ENSMM, France	Prediction Of The Shape And Volume Of Metal Surfaces Ablated By Femtosecond Laser	850
320	s1894	Tong Shu, Beijing University of Posts and Telecommunications, China	Performance Investigation Of Extended Kalman Filter Combined With Carrier Phase Recovery For Adaptive Nonlinear Phase Noise Mitigation	853
321	s1895	Masruri Masruri, IFIN-HH/ELI-NP, Romania	Hollow Core Inhibited Coupling Fibers Design For Femtosecond Pulse Spectral Broadening In Multipetawatt Laser-induced Plasma Diagnostics	857
322	s1899	Yingjun Zhou, Fudan University, China	Seamless VLC And ULEAPS Fiber Transmission Employing Tapered Ag/AgI Coated Hollow Waveguide Based Beam Shaping	860
323	s1900	chitra shaji, Pondicherry University, India	Double Mueller Matrix Measurement Of KTP Crystal	863
324	s1905	Aleksej Rodin, Center for Physical Sciences and Technology, Lithuania	Comparison Of Yb:YAG Single Crystal Fiber With Larger Aperture CPA Pumped At 940 Nm And 969 Nm	866
325	s1907	Jaroslav Sotor, Laser & Fiber Electronics Group, Faculty of Electronics Wrocław University of Science and Technology Wrocław, Poland, Poland	An All-PM Fiber Source Generating 5.4 nJ, 95 fs Laser Pulses In The 2 $\mu$ m Spectral Range	871
326	s1912	Yifan Zhang, w, China	Adaptive Blind Chromatic Dispersion Estimation And Compensation For DSP-based Coherent Optical Systems	873
327	s1914	Ukrit Mankong, Chiang Mai University, Thailand	Vector Modulation Using EA Modulator	878
328	s1915	Milan Milosevic, Optoelectronics Research Centre, University of Southampton, United Kingdom	Ion Implantation In Silicon For Photonic Device Trimming	881
329	s1916	xu wenjing, Beijing University of Posts and Telecommunications, China	Bidirectional Radio Over Fiber System With Wavelength Reuse Based On Optical Carrier Polarization-suppressed DSB Modulation	883
330	s1920	Zhenxu Bai, Macquarie University, Australia	Brightness Enhancement Of Continuous-wave Beams Using A Diamond Raman Laser	885
331	s1921	It Ee Lee, CEMSE, King Abdullah University of Science and Technology (KAUST), Saudi Arabia	Bandwidth Enhancement Of Wireless Optical Communication Link Using A Near-Infrared Laser Over Turbid Underwater Channel	887
332	s1922	Yunxu Sun, Harbin Institute of Technology, Shenzhen, China	Efficient Degenerate Third-order Difference Frequency Generation In Microfiber-ring Resonator Systems	892
333	s1924	Taehyun Yoon, Institute for quantum computing, Canada	Strong Optical Nonlinearities In Hollow-core Photonic-crystal Fibers Loaded With Ensembles Of Cold Atoms	897
334	s1926	Dora Juan Juan Hu, Institute for Infocomm Research, Singapore	Two Core Photonic Crystal Fiber With Hybrid Guiding Mechanisms	899
335	s1928	Lei Wang, Qianxuesen Laboratory of Space Technology, China Academy of Space Technology, China	Resonantly Pumped Er:YAG Ceramic Single-frequency Laser	902
336	s1932	Soumya Soumya, Macquarie University, Australia	High Power Single-longitudinal-mode Diamond Laser Using Hänsch-Couillaud-type Stabilization	905
337	s1937	Akiko Tada, Nihon University, Japan	Single-photon Buffer At A Telecommunication Wavelength Using A Fiber-optic Switch	907
338	s1938	Masahito Oya, Nihon University, Japan	Quantum Secure Authentication System Experiment Using Adaptive Optics	909
339	s1939	Defen Guo, State Key Laboratory on Integrated Optoelectronics, Institute of Semiconductors, Chinese Academy of Sciences, China	Mode Multiplexers With Tapers Based On Shortcuts To Adiabaticity	912
340	s1940	LI Jianqing, Macau University of Science and Technology, Macao	Gold Circular Arc Aperture Array Deposited On A Fiber Endface For Refractive Index Sensing	916

341	s1943	Shijie Gong, Beijing University of Posts and Telecommunications, China	A Highly Efficient Polarization Beam Splitter with Small Footprint by using a Slot Waveguide	920
342	s1944	Boyu Liu, Shanghai Jiao Tong University, China	High-Suppression-Ratio Silicon Bandpass Filter Using Apodized Subwavelength Grating Coupler	922
343	s1950	Tie-Jun Wang, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, China	Laser guided coronas and its application on probing plasma density distribution	924
344	s1952	Duan Liu, Hubei University of Technology, China	Long-period Gratings Written In The PANDA-Air Fiber	929
345	s1954	Duan Liu, Hubei University of Technology, China	Fabrication Of Phase-shifted Long-period Fibre Grating Using Electric-arc Technique	931
346	s1959	Linjun Li, Heilongjiang Province Key Laboratory of Optoelectronics and Laser Technology, Heilongjiang Institute of Technology, China	High Energy Of A B-cut Tm, Ho:YAIO3 Laser	933
347	s1966	Yubin Hou, Beijing University of Technology, China	Dual-frequency Yb3+-doped DBR Fiber Laser With 32 GHz Frequency Difference	936
348	s1971	Lixia Xi, Beijing University of Post and Telecommunication, China	Reconfigurable Optical Logic Gate of AND, OR, NAND and NOR based on Polarization Modulation with Direct Detection	938
349	s1972	Hanyu Zhang, Shanghai Jiaotong University, China	Electro-Optical Switch Using Ge2Sb2Te5 Phase-Change Material In A Silicon MZI Structure	940
350	s1976	Zhiguo Zhang, State Key Laboratory of Information Photonics and Optical Communications, Beijing University of Posts and Telecommunications, China	A Light Intensity Monitoring Method Using FBG-based Fiber Optic Sensor	943
351	s1978	Jun Xie, Nanyang Technological University, School of Electrical & Electronic Engineering, China	Co-linear Multimodel Imaging System Combining Micro-OCT And Two-photon Microscopy	946
352	s1979	Weiming Yao, Eindhoven University of Technology, Netherlands	High-Density Monolithic 6 X 30 Gb/s Tunable WDM Transmitter In Generic III-V Platform	948
353	s1982	Chengbo Mou, Shanghai University, China	Tunable Mode Locked Erbium-doped Fiber Laser Based A Tilted Fiber Grating And Carbon Nanotube Saturable Absorber	950
354	s1983	Zengji Yue, RMIT University, Australia	Ultrathin Double-focusing Topological Insulator Lens	952
355	s1984	Zu peng, Nanyang Technological University, Singapore	An Enhanced Condition Monitoring System For Gas Pipes Using Fiber Bragg Gratings	953
356	s1985	Chi Zhang, Wuhan National Lab for Optoelectronics, Huazhong University of Science and Technology, China	A Real-time Broadband Radio Frequency Spectrum Analyzer Based On Time-lens	955
357	s1992	Na Gao, State Key laboratory of Information Photonics and Optical Communications Beijing University of Posts and Telecommunications; School of Physics and Electronic Information Engineering Henan Polytechnic University, China	A Noise-folding Suppression Method In Photonic Compressed Sampling	957
358	s1993	Jun Liu, Wuhan National Laboratory for Optoelectronics, School of Optical and Electronic Information, Huazhong University of Science and Technology, China	Experimental Observation Of Optical Bistability In An Integrated Vortex Beam Emitter	959
359	s1994	Wenchan Dong, Huazhong University of Science and Technology, China	Simultaneous Multichannel Canonical Logic Units and Wavelength Conversion Based on Four-Wave Mixing	961
360	s1997	Ran Zhang, Nanyang Technology University, Singapore	A Singular Value Decomposition-Based Positioning Algorithm For Indoor Visible Light Positioning System	963
361	s1998	Guangyao Yang, Shanghai Jiao Tong University, SEIEE, China	Brillouin Gain Spectrum Shape Manipulation For Enlarging Measurement Range Of Dynamic Strain Using Slope-assisted BOTDA	965
362	s2001	ruoyu sun, Beijing University of Technology, China	1um Femtosecond Fiber CPA System Based On Er-doped Mode-locked Fiber Technology	968
363	s2004	Lixin Liu, Xidian University, China	Combination Of Hyperspectral Imaging And Laser-induced Breakdown Spectroscopy For Biomedical Applications	971
364	s2005	Fangzhou Tan, Institute of laser engineering, Beijing University of Technology, China	Thulium-doped Fiber Chirped Pulse Amplifier And Its Application For Mid-IR Supercontinuum Generation In ZBLAN Fiber	974
365	s2013	Xiaodi You, Nanjing University of Posts and Telecommunications, China	The Concept Of Location-based Equalization For Indoor Visible Light Communications	976
366	s2014	Xiaodi You, Nanjing University of Posts and Telecommunications, China	Characteristics Of An Ideal Location-based Zero-forcing Equalizer In Indoor Visible Light Communication Systems	979
367	s2016	Jongseok Kim, Korea Institute of Industrial Technology, Korea, Republic of	Photoluminescence And Electroluminescence Properties Of GaN-based LEDs With Defective Regions At Low Excitation Levels	982



368	s2017	Rebecca Wong, Institute for Infocomm Research, Singapore	Flexible and Streamline Composite Material Optical Fibre Connector-less Interface	984
369	s2020	Hong Chang, Beijing University of Technology, China	Second Harmonic Generation Based On A 1 $\mu$ m Femtosecond Fiber CPA System	986
370	s2021	Zixiong Wang, School of Electronic Information Engineering, Tianjin University, China	Compressive Sensing-Based Channel Estimation In MISO OFDM Visible Light Communication Systems	N/A
371	s2024	Shoufei Gao, Institute of Laser Engineering, Beijing University of Technology, China	Silica-Based Nodeless Hollow-Core Fiber For Broadband Mid-IR Guidance	989
372	s2025	Jian Chen, Beijing University of Posts and Telecommunications, Beijing, China, China	Mid-Infrared Self-Similar Pulse Compression of Picosecond Pulse in a Ridge Silicon Waveguide Taper	991
373	s2027	Biwei WANG, The Hong Kong Polytechnic University, Hong Kong	Extraction of Temperature Distribution Using Deep Neural Networks for BOTDA Sensing System	994
374	s2028	chao jin, Photonics Research Centre, The Hong Kong Polytechnic University, Hongkong, Hong Kong	BOTDA Sensor Utilizing Digital Optical Frequency Comb Based Phase Spectrum Measurement	998
375	s2034	Elizabeth Mei Yin Lee, Singapore Institute of Manufacturing Technology; Nanyang Technological	2-micron Pulse Compression using Gas-filled Negative Curvature Hollow-core Fiber	1001
376	s2037	Xiaosheng Xiao, Tsinghua University, China	Low-repetition-rate all-PM-fiber ANDi mode-locked fiber laser with sub-nanosecond pulse	1003
377	s2038	Changyong Tian, Technical Institute of Physics and Chemistry, Chinese Academic of Science, Beijing 100190, China, China	Research on the ablation property of aluminum plate irradiated by quasi-continuous-wave laser and continuous-wave laser	1005
378	s2039	Junqiang Zhou, Nanyang Technological University, Singapore	Measurement Of The Fiber Transfer Delay Difference Between Two Fibre Sections Using Balanced Detection	1007
379	s2047	Zheng Yu, EEE NTU, China	Design Of Fabry-Perot Refractometer Based On A Simplified Hollow-Core PCF With A CFBG Pair	1009
380	s2049	Xiaolong Liu, Academy of Opto-electronics, Chinese Academy of Sciences, China	Femtosecond Laser Micromachining On Backside Of Glass Using Simultaneously Spatially And Temporally Focused Vortex Beams	1012
381	s2052	Wei Zhang, National Engineering Laboratory for Next Generation Internet Access System , School of Optical and Electronic Information, Huazhong University of Science and Technology, China	Highly Sensitive Strain Sensor Based On Fiber Microstructures Associated With Coherent Detection	1014
382	s2061	Xin Wang, Monash University Malaysia Campus, Malaysia	System Setup Consideration For Range Gated Imaging	1017
383	s2069	Jeremy Witzens, RWTH Aachen University, Germany	Hybrid Silicon Photonics Flip-Chip Laser Integration With Vertical Self-Alignment	1022
384	s2070	Victor Torres-Company, Chalmers University of Technology, Sweden	Silicon-rich Nitride Waveguides For Broadband Nonlinear Signal Processing	1026
385	s2084	Tansho Hiroki, Waseda University, Faculty of Science and Engineering, Department of Electronic and Physical Systems, Japan	Fundamental Characteristics Of Double-Reflection Waveguide-Type Kretschmann-Structure Surface Plasmon Resonance (SPR) Sensor For High-Sensitivity And Wide-Measurable Range	1028
386	s2087	Abdul Khaleque, PhD Student, Australia	Nano-antennas On Tapered Fiber: A New And Flexible Approach	1030
387	s2088	Jin Wang, School of Telecommunications and Information Engineering, Nanjing University of Posts and Telecommunications, China	TO-packaged, Multi-junction GaAs Laser Power Converter With Output Electric Power Over 1W	1032
388	s2096	Wang Wanyan, Huazhong University of Science and Technology, China	Measuring Two-dimension Scattering Pattern Of Marine Submicron Particles	1035
389	s2097	Kyung-Han Hong, Massachusetts Institute of Technology, United States	High-energy Mid-infrared Sub-cycle Pulse Synthesis	1040
390	s2101	Xin Jiang, Max-Planck-Institute for the Science of Light, Germany	Soft-glass Photonic Crystal Fibers: From Advanced Fabrication Techniques To Novel Applications	1044
391	s2118	Atsushi Matsumoto, National Institute of Information and Communications Technology, Japan	Extreme Thermal Stability Of 1550 Nm Band Highly Stacked QD-LDs With P-Doped Structure	1046
392	s2122	John Marsh, University of Glasgow, United Kingdom	Integrated Gratings For Novel Photonic Integrated Circuits	1048
393	s2136	Derrick Yong, Singapore Institute of Manufacturing Technology, Singapore	Modeling The Lasing Threshold Of A Two-photon Pumped Vitamin Solution	1050
394	s2141	Kazuto Takahashi, Tokushima University, Japan	High-Resolution Frequency Detection With Multiple AWGs And Post-Processing For MultiChannel Fiber Sensors	1053
395	s2149	Wa Jin, Yanshan University, China	Temperature Insensitive Structural Polarization Converters In Highly Birefringent Microfibers	1055
396	s2158	Yong-Zhen Huang, Institute of Semiconductors, Chinese Academy of Sciences, China	Optical Frequency Comb Generation By Four-wave Mixing With A Seeding Source Of Dual-mode Microlasers	1058

397	s2165	Daniele Melati, National Research Council, Canada	Integrated All-Optical MIMO Demultiplexer For 8-Channel MDM-WDM Transmission	1060
398	s2169	Wei Huang, Singapore University of Technology and Design, China	A Novel Design Of Ultrafast Electron Switching Device	1063
399	s2172	Weitao Song, School of Electrical and Electronic Engineering, Nanyang Technological University, China	Three-dimensional Reconstruction For Photon Counting Imaging Using A Planar Catadioptric Method	1065
400	s2181	Saied Aminossadati, The University of Queensland, Australia	Development Of Fibre-optic Sensors For Australian Mining Industry	1067
401	s2183	Pierre BOURDON, ONERA - The French Aerospace Lab, France	Coherent Combining With Active Phase Control: A Practical Tool For Adaptive And Nonlinear Optics	1070
402	s2210	Ke Wang, Royal Melbourne Institute of Technology (RMIT), Australia	Silicon Integrated Optical Devices	1073
403	s2212	Wenjun Ni, School of Optical and Electronic Information, National Engineering Laboratory for Next Generation Internet Access System, Huazhong University of Science and Technology, China	Graphene Diaphragm-based Extrinsic Fabry-Perot Interferometer For Low Frequency Fiber Acoustic Sensing	1075
404	s2214	Wen-Jeng Ho, National Taipei University of Technology, Taiwan	Characterization Of MOS-Structure Silicon Solar Cell Fabricated On SOI Under Photovoltaic Biasing	1077
405	s2227	Zhengrui Tu, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, China	Sharp Fano Resonance In Subwavelength Grating Waveguide Micro-ring Resonator	1079
406	s2233	he zhang, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and	Femtogram Scale Nano-optomechanical Resonators In Water	1082
407	s2235	Hocine CHIKH-TOUAMI, LSEO, Algeria	Shared And Dual Optical Parametric Generation In Non Linear Photonic Crystals Of LiTaO3	1084
408	s2241	Wei Huang, Singapore University of Technology and Design, China	Designing Broadband And Ultra Broadband Half Wave Plate By Composite Pulse Control	1087
409	s2252	Xiao Zou, Nanyang technological university, Singapore	Three-fold Efficiency Improvement Via Temporal And Spatial Pulse Shaping In 3µm OPCPA	1089
410	s2256	Bingyu Li, Beijing University of Posts and Telecommunications, China	Microwave Photonic Frequency Up-Convertor with Frequency Doubling and Compensation of Chromatic-Dispersion-Induced Power Fading	1092
411	s2262	Yafei Cao, College of Precision Instrument and Optoelectronics Engineering, Tianjin University, China	Ultra-wide Square Pulses Generation In A Yb-doped Fiber Laser Based On Nonlinear Polarization Rotation Effect	1096
412	s2263	Jianming Wang, Huazhong University of Science and Technology, China	Experimental Investigation of High Power All-fiber Amplifier with A Closed Fiber Laser Cavity	1099
413	s2264	Said Rouifed, Nanyang technological university, Singapore	Silicon Photonic Devices For The Mid-infrared	1102
414	s2268	Nan Zhao, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and	Effective Mitigation Of Photo-darkening By Na+ Ions Doping In Yb-doped Fibers	1105
415	s2272	Makoto Yamada, Osaka Prefecture University, Japan	Newly Developed 1.7 Um Band External Cavity Laser And Its Application To Evaluation Of Ethanol Concentration In Distilled Spirits	1107
416	s2273	Keita Mochizuki, Mitsubishi Electric Corporation, Japan	Precise Lens-assembly Techniques Based on Adhesive Bonding and Hammering for Compact 100GbE TOSA	1110
417	s2275	Xiaobei Zhang, Shanghai University, China	Strain Sensing Characteristics Based On A Fiber-capillary-fiber Fabry-Perot Interferometer	1112
418	s2277	Nurul Ashikin Binti Daud, Keio University, Japan	SiO2 Clad Active And Passive Photonic Crystal Nanocavity Devices Fabricated With Photolithography	1114
419	s2295	Huaqing Qiu, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, China	On-chip Optical Diode with Low Power Consumption	1116
420	s2298	Jaewan Kim, Department of Physics, Myongji University, Korea, Republic of	A Compact And Low Phase Noise Laser System Using Phase Modulation And A Filtering Cavity	1118
421	s2311	Chunyang Zhai, Huazhong University of Science and Technology, China	Diffraction Imaging Of Molecular Orbital	1120
422	s2312	Atsushi Kanno, National Institute of Information and Communications Technology, Japan	Radio Over Fiber Signal Generation And Distribution And Its Application To Train Communication Network	1122
423	s2317	Gianlorenzo Masini, Luxtera, Inc., United States	Silicon Photonics Transceivers For High-speed Data Communication	1124
424	s2320	Chun-Yen Chuang, Department of Photonics, National Chiao Tung University, Hsinchu 300, Taiwan, Taiwan	67.6% Improvement In Data Rate Employing Partial Transmit Sequence For PAPR Reduction And Volterra Filtering In An OFDM Long-Reach PON	1127

425	s2324	Wen-Jeng Ho, National Taipei University of Technology, Taiwan	Efficiency Enhancement Of Heterojunction With Intrinsic Thin-Layer Silicon Solar Cell Using Plasmonics Scattering Of Indium Nanoparticles	1130
426	s2325	Zili Wu, Southeast University, China	Improvement Of Properties In Nonpolar A-plane P-AlGa <sub>N</sub> Films By Mg-delta Doping Method	1132
427	s2340	Lian Kuan CHEN, The Chinese University of Hong Kong, Hong Kong	Channel-independent Signal Processing For High-speed VLC Systems	1136
428	s2341	Zecen Zhang, Nanyang Technological University, Singapore	Dual-band Optical Filter Based On A Single Microring Resonator Embedded With Nanoholes	1139
429	s2344	YOUNJIN KIM, Graduate school of Information Science and Electrical Engineering, Kyushu University, Japan	Demonstration Of Novel Media Conversion Method From Optical To THz-wave Networks	1142
430	s2346	Oliver Anton, Humboldt Universität zu Berlin, Germany	Design Of A Compact Diode Laser System For Dualspecies Atom Interferometry With Rubidium And Potassium In Space	1144
431	s2347	Tan Xiao, Rex, Nanyang Technological University, Singapore	Fiber Gratings Enabled Interrogation Of Mach-Zehnder Interferometer Tapered Fiber Sensors	1146
432	s2348	Goki Sakano, Graduate school of Information Science and Electrical Engineering, Kyushu University, Japan	4 × 4 Arrayed THz-wave Combiner Composed Of UTC-PDs And Slot Antennas	1148
433	s2349	Takashi Okamoto, Kyushu Institute of Technology, Japan	Effects Of Inhomogeneity In Distribution Of Scatterers On Random Laser Emission	1150
434	s2353	Chuanzong Xue, Beijing University of Posts and Telecommunications, China	Brillouin Gain/Loss Spectrum Distortions In Single-Tone Based BOTDA Sensors	1153
435	s2354	xiangyu zhang, Advanced Display Lab, Singapore	A Novel Spatio-Temporal Multiplexing Multi-View 3D Display	1155
436	s2356	Sugiyama Hirokazu, graduate student, Japan	Low Threshold Current Of GaInAsP Laser Grown On Directly Bonded InP/Si Substrate	1159
437	s2361	Shitao Gao, The University of Melbourne, Australia	High-Efficiency Interlayer Coupler On Silicon Nitride	1161
438	s2362	haike zhu, Fujikura.Ltd, Japan	Low Bias, Low Dark Current Photodetection In Silicon MZM Embedded With Vertical PN Junction	1163
439	s2367	NURUL ATIQA AHMAD, UNIVERSITI TUN HUSSEIN ONN MALAYSIA, Malaysia	Numerical Analysis Of Signal Recycling In Multiwavelength Brillouin-erbium Fiber Laser	1165
440	s2368	parvinder kaur, Indian Institute of Technology Delhi, India	Design and Characteristics of a Highly Sensitive Refractive Index Sensor based on a Grating-Assisted Strip Waveguide Directional Coupler	1168
441	s2369	Egor Khaidarov, DSI, Russian Federation	Dielectric Metasurfaces For Beam Bending And Near-unity Numerical Aperture Lenses	1170
442	s2374	Zixiong Wang, School of Electronic Information Engineering, Tianjin University, China	Modulation Format Recognition In Visible Light Communications Based On Higher Order Statistics	1172
443	s2377	ByoungHo Lee, Seoul National University, Korea, Republic of	Active Deflection Angle Switching Via The Phase Change Of Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> Nanorod Metasurface	1174
444	s2379	Samuel Felipe Serna-Otalvaro, Centre de Nanosciences et de Nanotechnologies, CNRS, Univ. Paris-Sud, Université Paris-Saclay, France	GVD Control Of Low Loss Slot Photonic Crystal Waveguides For Hybrid Silicon Photonics	1177
445	s2382	Jiahao Huo, Short Reach Optical Communication, China	PDM-SSB-OFDM Transmission Over 80km SSMF Based On A Single Photodetector At C-band	1179
446	s2383	Tianhang Chen, The Electromagnetics Academy at Zhejiang University, Zhejiang University, Hangzhou 310027, China, China	A Remote Cloak For Arbitrary Objects In DC Frequency	1182
447	s2387	Jia Xiao, Beijing University of Posts and Telecommunications, China	Numerical Study On Microwave Photonic Mixers Based On Electro-Optical Modulators	1185
448	s2409	Linyong Yang, National University of Defense Technology, China	Compact 30 W Level 2-3um Supercontinuum Source Based On Germanium-core Fiber	1189
449	s2411	jinmei Yao, NUDT, China	Towards High-power All-fiber 2-5 μm Supercontinuum Generation In Step-index Chalcogenide Fiber	1192
450	s2412	Seongwoo Yoo, NTU, Singapore	Asymmetric Large Mode Area Fibres	1196
451	s2415	Dong Gaoneng, Huazhong University of Science and Technology, China	Ultra-compact Multi-channel Drop Filter in One-dimensional Photonic Crystal on Silicon-on-insulator Substrate	1198
452	s2419	Syed Assad, National University of Australia, Singapore	Surpassing The No-cloning Limit With A Heralded Hybrid Linear Amplifier	1200
453	s2426	Jie Zhao, Australian National University, China	Quantum Enhancement Of Signal-to-noise Ratio With Heralded Noiseless Linear Amplifiers	1201
454	s2433	Masanori Nakahama, Tokyo Institute of technology, Japan	Sub-volt Wavelength Sweep Operation Of MEMS VCSEL Employing High-Q Mechanical Resonance	1203
455	s2440	SONGYAN HOU, NANYANG TECHNOLOGICAL UNIVERSITY, Singapore	Laser Writing Of Localized Color Centers In Hexagonal Boron Nitrides Monolayers	1205

456	s2442	Shaohao Wang, Fuzhou University, China	Normalized Model For Polarization Pulling In Fiber Optical Parametric Amplifiers	1207
457	s2444	Wen Wei Shaun Ang, DSO National Laboratories, Singapore	A Monte-Carlo-Based Methodology For Determining The Fabrication Yield Of Fibers for Lasers	1211
458	s2447	Gukbeen Ryu, Korea University and Korea Institute of Science and Technology (KIST), Korea, Republic of	A BOFDA System Using Time-domain Data Processing For An Enlarged Measurement Range To 10 Km	1215
459	s2448	Sheng Zhang, graduate student of Nanyang Technological University , China	PDOA Based Indoor Visible Light Positioning System Without Local Oscillators In Receiver	1217
460	s2452	Jiachen Wang, Korea Institute of Science and Technology, China	All-fiberized, In-band Pumped Ho-doped Fiber Laser Operating At 2.1 $\mu\text{m}$	1220
461	s2464	Feng Zhou, Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and	Temporal Cloak for Data Restraint and Illusion	1222
462	s2467	Nagai Ryutaro, Tokai University, Japan	Absorption Line Measurement Of 12C18O2 Using A Broadly Tunable DFB Laser Diode Array.	1224
463	s2468	Akito Chiba, Gunma University, Japan	Generation of Wide Frequency-Spacing Optical Frequency Comb Composed Of Odd/Even Multiple Harmonics	1226
464	s2469	YIWEI XIE, Monash University, Australia	Active Photonic Integrated Circuits Using Semiconductor Optical Amplifiers	1228
465	s2475	Mazen SAYED AHMED, Université Paris-Est, ESIEE Paris, Laboratoire ESYCOM, Marne-la-Vallée, FRANCE, Egypt	Overcoming The Near-Infra-Red Spectral Range Limit With Fabry-Perot Silicon Microcavity Enabled By Slotted Micromirrors	1231
466	s2479	Ryo Yamazaki, Nagoya Institute of Technology, Japan	Temperature Characteristic Of Ultraviolet Photoconductive Detector Based On CeF3 Thin Film	1234
467	s2480	Miho Tanaka, Nagoya Institute of Technology, Japan	Difference In Distribution Of Eu Ions Doped CaF2 Single Crystal Caused By Two Types Of Growth Method By Measurement Of Multi-photon Luminescence	1236
468	s2481	Ryo Yamazaki, Nagoya Institute of Technology, Japan	Controlling Laser Power Irradiation Of Pulsed Laser Deposition For Fabricating High Resistivity NdF3 Thin Film	1238
469	s2484	Kazuki Uchida, Sophia univ., Japan	Lasing Characteristics Of GaInAsP Stripe Laser Integrated On InP/Si Substrate	1240
470	s2489	Takeshi Umeki, NTT, Japan	Simultaneous Nonlinearity Mitigation Of WDM Signals Based On Complementary Spectral Inverted Optical Phase Conjugation	1242
471	s2490	Miho Tanaka, Nagoya Institute of Technology, Japan	Lasing Properties Of Ce:LiCaAlF6 Single Crystal On Effects Of The Distribution Of Ce Ion	1243
472	s2492	Nishtha Panwar, Nanyang Technological University, Singapore	Pressure-driven Particle Focusing In Lab-on-a-chip Flow Cytometers: The Choice Between Sheath-assisted And Inertial Focusing	1245
473	s2495	Gray Lin, National Chiao Tung University, Taiwan	Photonic Crystal Surface Emitting Lasers With InAs/InGaAs/GaAs Quantum Dots	1249
474	s2499	Eunjoo Lee, Korea Advanced Institute of Science and Technology (KAIST), Korea, Republic of	Discretely Wavelength-swept Fiber Laser Based On Temporal-spectral Multiplexing	1251
475	s2501	Nicolae-Coriolan Panoiu, University College London, United Kingdom	A New Scheme To Enhance The Third-Harmonic Generation In Graphene	1253
476	s2503	Kosuke Komatsu, Faculty of Engineering, Tokyo University of Science, Japan	Simulation Of All-Optical NOR Gate Using Single Quantum-Dot SOA And Optical Filter	1255
477	s2504	Taisuke Miura, Gigaphoton Inc., Japan	Measurement Of Refractive Index Change In Nonlinear Crystals Using Wavefront Sensor	1259
478	s2505	Kazuhiro Goi, Fujikura Ltd., Japan	Low-Driving-Voltage Silicon DP-IQ Modulator For 100G And Beyond	1261
479	s2507	Guanhao Wu, Department of Precision Instrument, Tsinghua University, China	Phase Shifting Interferometer Of A Femtosecond Laser For Optical Surface Measurement	1263
480	s2509	Mukesh Kumar Shukla, National Institute of Science Education & Research, India	Tamm Plasmon Polaritons in Photonic Quasi-crystals	1265
481	s2516	Hameeda Ibrahim, Laboratory for Future Interdisciplinary Research of Science and Technology, Tokyo Institute of Technology, Japan	Large Signal Modulation Analysis Of High-speed Transverse Coupled Cavity VCSELs	1267
482	s2519	Jie Ji, Huazhong university of science and technology, China	Electrically Tuned Dielectric Property Of Barium Titanate By THz Spectroscopy	1269
483	s2520	Chao Shen, KAUST, Saudi Arabia	Integrated Photonic Platform Based On Semipolar InGaN/GaN Multiple Section Laser Diodes	1271
484	s2526	Cheng WANG, ShanghaiTech University, China	Modeling Of Period One Oscillations In Optically Injected Quantum Cascade Lasers	1273

485	s2528	Samuel Felipe Serna-Otalvaro, Centre de Nanosciences et de Nanotechnologies, CNRS, Univ. Paris-Sud, Université Paris-Saclay, France	Nonlinear Properties Of Ge-rich SiGe Waveguides	1275
486	s2530	Hyuntai Kim, Seoul National University, Korea, Republic of	Subwavelength Ring Assisted Fresnel Zone Plate For Radially Polarized Light Focusing	1277
487	s2535	Kwong Shing Tsang, Amonics Limited, Hong Kong	Passive Hybrid Harmonic Mode-Locked Fiber Sigma Laser Using Integrated Faraday Rotator And SESAM With Amplitude Modulation Stabilization	1279
488	s2542	zefeng wang, national university of defense technology, China	Efficient 1.5um Raman Generation In Methane-filled Negative Curvature Hollow-core Fiber	1282
489	s2545	Amy Sen Kay Tong, University of Southampton, United Kingdom	Photoluminescence Of Tm-doped Ta2O5 Waveguides	1284
490	s2546	Jing He, Optoelectronics Research Centre (ORC) University of Southampton, United Kingdom	Enhanced Ultraviolet Photoluminescence Of Gd <sup>3+</sup> In Silica Glass	1287
491	s2550	Uwe Bandelow, Weierstrass Institute for Applied Analysis and Stochastics, Germany	Few-cycle Solitons That Do Not Want To Be Too Short In Duration	1289
492	s2551	Yunqi LIU, Shanghai University, China	Fiber Specklegram Sensor Based On The Twist-induced Effect In Tilted Two-mode Fiber Bragg Gratings	1291
493	s2559	Yuan Han Peng, DSO National Laboratories, Singapore	Ceramic Yb:LuAG Thin Disk Lasers With High Efficiency And High Power Operation	1294
494	s2562	Ji Qi, Imperial College London, United Kingdom	A Light-weight Near Infrared Fluorescence Endoscope Based On A Single Color Camera: A Proof-of-concept Study	1296
495	s2564	Zeuku Ho, Photonics Integration System Research Center, Precision and Intelligence Laboratory, Tokyo Institute of Technology, Japan	High-resolution Beam Steering of Slow Light VCSEL Amplifier	1298
496	s2566	Keisuke Shimura, Tokyo Institute of Technology, Japan	Non-mechanical Beam Scanner Integrated VCSEL For Solid State LiDAR	1300
497	s2571	Chen Pengcheng, Huazhong University of Science and Technology, China	High Sensitivity Refractive Index Sensor Based On Optical Fiber Ultra-weak Fabry Perot Interferometer	1302
498	s2572	Raktim Halder, Indian Institute of Technology Kharagpur (IITKGP), India	Stability Analysis And Bandwidth Estimation Of Free-Carrier Driven Kerr Frequency-Comb	1305
499	s2574	Niroj Maharjan, Nanyang Technological University, Singapore	Femtosecond Laser Cleaning For Aerospace Manufacturing And Remanufacturing	1307
500	s2579	SHANTING HU, Photonics Integration System Research Center, Precision and Intelligence Laboratory, Tokyo Institute of Technology, Japan, China	Unidirectional Coupling Of Laterally Coupled VCSEL And Slow Light Modulator/Amplifier	1311
501	s2606	Junli Wang, Xidian university, China	Generation Of 408 Fs Dark Soliton Pulse In A Mode-locked Ytterbium-doped Fiber Laser	1313
502	s2607	ZHIGANG ZHANG, PEKING UNIVERSITY, China	Self-starting And Environment Stable 500 MHz Repetition Rate Femtosecond Yb: fiber Laser With Non-polarization Maintaining Fiber	1315
503	s2615	Wensheng Cao, Department of Electronic Engineering, Shanghai Jiao Tong University, Shanghai, 200240, China, China	Broad Bandwidth And High Extinction Ratio Waveguide Polarizer Via Grating Mediated Mutual Mode Conversion	1319
504	s2638	Andrei Csipkes, Technica Optical Components, LLC, United States	Overview Of High Temperature Fibre Bragg Gratings	1321
505	s2651	yue XU, SHENZHEN institutes of advanced technology, Chinese Academy of Sciences, China	Optical Design Of Dynamic Focusing System For Laser Galvanometric Scanning	1324
506	s2652	Stanislav Leonov, Bauman Moscow State Technical University, Russian Federation	Laser Performance Of Cr <sup>2+</sup> :CdSe Crystal With Anti-reflection Coating	1326
507	s2654	Houxiao Wang, School of Mechanical Engineering, Jiangsu University, China	Ultrasound-Assisted Pulsed Laser Drilling for Fabricating High Quality Microholes	1328
508	s2655	Houxiao Wang, School of Mechanical Engineering, Jiangsu University, China	Influence of Assist Gases on Pulsed Laser Drilling of Nickel-Based Superalloy	1332
509	s2671	Lu Chenxu, Xiamen University, China	Simultaneous Measurement Of Strain And Temperature With A Few Mode Fiber	1336
510	s2697	Nobuhiko Nishiyama, Tokyo Institute of Technology, Japan	High Efficiency Operation Of Membrane Distributed-Reflector Laser With Reduced Index Coupling Coefficient Structure	1338
511	s2707	Toshiaki Kuri, National Institute of Information and Communications Technology, Japan	RoF System Standardization At ITU-T	1340
512	s2722	Dahi Ibrahim, Engineering and surface metrology department, National Institute of Standards, Egypt	A Comparison Of Terahertz Time Domain Spectroscopy And Terahertz Digital Holography For Large Film Thickness Measurement	1342

513	s2724	Dahi Ibrahim, Engineering and surface metrology department, National Institute of Standards, Egypt	Surface Characterization Of A Micro-patterned Sample Using Simultaneous Dual-wavelength Interferometry With Compensation Of Chromatic Aberration	1344
514	s2725	Dahi Ibrahim, Engineering and surface metrology department, National Institute of Standards, Egypt	Quadrature Phase-shifting Interferometry For Surface Micro-topography Measurement	1347
515	s2736	quan liu, soochow university, China	Fabrication of The Buried Grating	1349
516	s2756	Chen Siming, University College London, United Kingdom	III-V Quantum Dot Lasers Epitaxially Grown On Si	1351
517	s2798	Jiao Yang, CINTRA,NTU, Singapore	Third Harmonic Generation In Tapered Photonic Crystal Fiber	1353
518	s2799	Peili Wu, NTU, China	Mid-Infrared Supercontinuum Generation With Highly Germanium-Doped Silica Fiber	1356
519	s2873	Jie Zhao, Australian National University, China	Quantum Enhancement Of Signal-to-noise Ratio For Arbitrary Coherent States Using Heralded Linear Amplifiers	1359
520	s2899	David Marpaung, CUDOS University of Sydney, Australia	Lossless Integrated RF Photonic Filter With Record-low Noise Figure And 116 DB Of Dynamic Range	1361
521	s2902	Bowen Li, The University of Hong Kong, Hong Kong	Observation Of Dissipative Kerr Soliton Evolution With Panoramic-reconstruction Temporal Imaging (PARTI)	1363
522	s2906	Birgit Stiller, The University of Sydney, Australia	Simultaneous Opto-acoustic Light Storage At Multiple Frequency Channels	1365
523	s2909	Jiangming Xu, College of Optoelectronic Science and Engineering, National University of Defense Technology, China	Tandem Pumping Architecture Leveraged Performance Scalability Of Superfluorescent Fiber Source To 3 KW Level With Excellent Beam Quality	1367