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VERSATILE, HIGH-POWER FEMTOSECOND LASER SOURCE AT 1μM	1863
<i>C. P. Kyle Manchee ; Haider Zia ; R. J. Dwayne Miller</i>	
SUB-100 NS TM:KLUW AND HO:KLUW LASERS PASSIVELY Q-SWITCHED WITH SWCNTS	1865
<i>Ruijun Lan ; Xavier Mateos ; Pavel Loiko ; Yicheng Wang ; Sun Young Choi ; Fabian Rotermund ; Magdalena Aguiló ; Francesc Díaz ; Konstantin Yumashev ; Uwe Griebner ; Valentin Petrov</i>	
HIGH-EFFICIENT, HIGH-ENERGY-PULSE GENERATION IN 2.2–2.6 μM BY CR:ZNSE SINGLE-PASS AMPLIFICATION	1867
<i>Masaki Yumoto ; Norihito Saito ; Satoshi Wada</i>	
HIGH-ENERGY, JITTER-FREE, DIODE-PUMPED GREEN-LASER FOR OPCPA PUMPING	1869
<i>Yasuhiro Miyasaka ; Hiromitsu Kiriyama ; Maki Kishimoto ; Michiaki Mori ; Masaki Kando ; Kiminori Kondo</i>	
6-PS PULSE GENERATION FROM A HYBRID MOPA SEEDED BY A GAIN-SWITCHED LASER DIODE	1871
<i>Yosuke Qrii ; Daisuke Okuyama ; Hisashi Sawada ; Mieko Yamagaki ; Hroaki Hamabe ; George Okada</i>	
INTEGRATING OPTICAL CAVITIES IN ION TRAPS FOR SCALABLE QUANTUM INFORMATION NETWORKS	1873
<i>Nina Podoliak ; Hiroki Takahashi ; Matthias Keller ; Peter Horak</i>	
A NEW BEAM SHAPING TECHNIQUE IMPLEMENTED IN 150 W 1KHZ REPETITION RATE PICOSECOND PULSE AMPLIFIER	1875
<i>J. Adamonis ; A. Aleknavicius ; S. Balickas ; T. Gertus ; A. Michailovas ; A. Zaukevicius ; K. Michailovas ; V. Petrauskiene</i>	
MULTI-WATT CONTINUOUS WAVE ND:KGW LASER WITH HOT BAND DIODE PUMPING	1877
<i>Rubel Chandra Talukder ; Md. Zubaer Eibna Halim ; Tanant Waritanant ; Arkady Major</i>	
TOWARDS LASING FROM FREE-STANDING PEROVSKITE-CHIRAL POLYMER FILM DEVICES	1879
<i>J. S. E. Jones ; A. Sadhanala ; A. A. Khan ; M. M. Qasim ; S. Day ; T. D. Wilkinson</i>	

BIEXCITON-MEDIATED MODULATION RESPONSE OF COLLOIDAL QUANTUM DOTS DEPOSITED ON A SILICON NITRIDE WAVEGUIDE AT HIGH LASER EXCITATION RATE	1881
<i>M. Kolarczik ; B. Herzog ; C. Ulbrich ; Y. Kaptan ; U. Woggon ; N. Owschimikow ; A. Singh ; X. Li ; Y. Zhu ; D. V. Thourhout ; P. Geiregat ; Z. Hens</i>	
FREE CARRIER INDUCED NONLINEAR SIX-WAVE MIXING IN SILICON	1883
<i>M. L. Liao ; H. Zhou ; S. W. Huang ; K. Qiu ; C. W. Wong</i>	
FLEXIBLE GENERATION OF OPTICAL FREQUENCY COMBS BASED ON STIMULATED BRILLOUIN SCATTERING AND A DUAL PARALLEL MACH-ZEHNDER MODULATOR	1885
<i>Fengdan Xin ; Juanjuan Yan ; Ming Bai Qidi Liu ; Zheng Zheng</i>	
MICROFIBER-LITHIUM NIOBATE ON INSULATOR HYBRID WAVEGUIDES FOR EFFICIENT AND RECONFIGURABLE SECOND-ORDER OPTICAL NONLINEARITY ON A CHIP	1887
<i>Wei Ding ; Andrey Gorbach ; Lutong Cai ; Yang Yu ; Hui Hu</i>	
ANALYSIS OF EFFECT OF INTERACTION BETWEEN TRANSVERSE MODES ON KERR FREQUENCY COMB GENERATION	1889
<i>Takumi Kato ; Tomoya Kobatake ; Ryo Suzuki ; Takasumi Tanabe</i>	
DETAILED PHASE MATCHING CHARACTERIZATION OF INTER-MODAL FOUR-WAVE MIXING IN A TWO-MODE FIBER	1891
<i>S. M. M. Friis ; Y. Jung ; I. Begleris ; P. Horak ; K. Rottwitt ; P. Petropoulos ; D. J. Richardson ; F. Parmigiani</i>	
RESONANT EXCITATION OF SINGLE COLLOIDAL QUANTUM DOT COATED ON A TAPERED OPTICAL FIBER	1893
<i>Haoyu Huang ; Qinfeng Xu ; Bihu Lv ; Yuge Huang ; Chunfeng Zhang ; Xiaoyong Wang ; Min Xiao</i>	
SYNCHRONOUSLY-PUMPED MICRORING RESONATOR FOR EFFICIENT OPTICAL COMB GENERATION	1895
<i>Marcin Malinowski ; Ashutosh Rao ; Peter Delfyett ; Sasan Fathpour</i>	
SINGLE ENVELOPE EQUATION MODELLING OF FREQUENCY COMB GENERATION IN QUADRATIC AND CUBIC NONLINEAR RESONATORS	1897
<i>Tobias Hansson ; François Leo ; Miro Erkintalo ; Stéphane Coen ; Iolanda Ricciardi ; Maurizio De Rosa ; Stefan Wabnitz</i>	
WHITE LIGHT GENERATION IN A DIODE-PUMPED PPKTP WAVEGUIDE	1899
<i>K. A. Fedorova ; G. S. Sokolovskii ; C. M. Kaleva ; P. R. Battle ; I. O. Bakshaeiev ; D. A. Livshits ; E. U. Rafailov</i>	
PHASE-MATCHING IN DIRAC-CONE-BASED ZERO-INDEX METAMATERIALS	1901
<i>Orad Reshef ; Yang Li ; Mei Yin ; Lysander Christakis ; Daryl I. Vulis ; Philip Camayd-Muñoz ; Shota Kita ; Marko Loncar ; Eric Mazur</i>	
2.1 μM PICOSECOND SOURCE GENERATING 7 W AT 80 MHZ	1903
<i>S. Chaitanya Kumar ; M. Ebrahim-Zadeh</i>	
HIGH-REPETITION-RATE, GREEN-PUMPED, PICOSECOND OPTICAL PARAMETRIC OSCILLATOR BASED ON FAN-OUT PPKTP	1905
<i>S. Chaitanya Kumar ; S. Parsa ; M. Ebrahim-Zadeh</i>	
COMBINING AND TEMPORAL MULTIPLEXING OF FOUR PULSED BEAMS FROM FIBER AMPLIFIERS BY MEANS OF NON-COLLINEAR FREQUENCY CONVERSION IN KTP CRYSTAL	1907
<i>Julijanas Želudevičius ; Kestutis Regelskis ; Gediminas Raciukaitis</i>	
HIGH-AVERAGE-POWER FEMTOSECOND FIBER SELF-SIMILAR AMPLIFICATION	1909
<i>Daping Luo ; Wenxue Li ; Yang Liu ; Dongbi Bai ; Heping Zeng</i>	
MEMORY-ASSISTED QUANTUM KEY DISTRIBUTION IMMUNE TO MULTIPLE-EXCITATION EFFECTS	1911
<i>Nicoló Lo Piparo ; Mohsen Razavi</i>	
ION-EXCHANGE INDUCED COERCIVE FIELD GRATINGS FOR QPM DEVICES IN RB-DOPED KTP	1913
<i>Charlotte Liljestrand ; Fredrik Laurell ; Carlota Canalias</i>	
APPLICATION OF A TEMPERATURE-GRADIENT PPLN CRYSTAL FOR IR IMAGE UP-CONVERSION	1915
<i>H. Maestre ; A. J. Torregrosa ; J. Capmany</i>	
STABLE, CONTINUOUS-WAVE, BIREFRINGENT-MULTICRYSTAL, SINGLE-FREQUENCY DEEP-UV GENERATION	1917
<i>Kavita Devi ; S. Parsa ; M. Ebrahim-Zadeh</i>	
ENGINEERED QUASI-PHASE MATCHING FOR CONVERSION EFFICIENCY OPTIMIZATION OF COUPLED $X^{(2)}$ PROCESSES	1919
<i>Cheng-Wei Hsu ; Jui-Yu Lai ; Shang-Da Yang</i>	
WIDELY TUNABLE TIME-DIVISION-MULTIPLEXED PUMPED FIBER OPTICAL PARAMETRIC OSCILLATOR	1921
<i>Nan Chen ; Bowen Li ; Jiqiang Kang ; Xiaoming Wei ; Sisi Tan ; Can Li ; Liang Song ; Kenneth Kin-Yip Wong</i>	
ACTIVE AND PASSIVE STABILIZATION OF A HIGH-POWER VIOLET FREQUENCY-DOUBLED DIODE LASER	1923
<i>Ulrich Eismann ; Martin Enderlein ; Konstantinos Simeonidis ; Felix Keller ; Felix Rohde ; Dmitrijs Opalevs ; Matthias Scholz ; Wilhelm Kaenders ; Jürgen Sühler</i>	
COMPACT FEMTOSECOND TUNABLE WAVELENGTH VIS-NIR OPCPA SYSTEM BASED ON PICOSECOND FIBER LASER SEEDED FRONTEND	1925
<i>R. Danilevičius ; A. Zaukevičius ; A. Michailovas ; N. Rusteika</i>	
ULTRASHORT PULSE CHARACTERIZATION FROM DISPERSION SCANS WITH A GRATING COMPRESSOR	1927
<i>Miguel Miranda ; Francisco Silva ; Anne L'Huillier ; Cord L. Arnold</i>	

DUAL-PROBE SCANNING NEAR-FIELD OPTICAL MICROSCOPY (DSNOM) UTILIZING ULTRAFAST PLASMON NANO-FOCUSING	1929
<i>Yasuhiro Kojima ; Yuta Masaki ; Fumihiko Kannari</i>	
TOWARD ALL-OPTICAL SUB-CYCLE VISIBLE-TO-INFRARED PULSE ENVELOPE MEASUREMENT VIA CROSS-CORRELATION SONOGRAM	1931
<i>Hsuan-Hao Lu ; Shang-Da Yang</i>	
PHASE SENSITIVE AMPLIFICATION IN METASTABLE HELIUM AT ROOM TEMPERATURE	1933
<i>Jasleen Lugani ; Chitram Banerjee ; Marie-Aude Maynard ; Pascal Neveu ; Rupamanjari Ghosh ; Fabienne Bretenaker ; Fabienne Goldfarb</i>	
CARRIER RELAXATION PATHWAYS IN SUBMONOLAYER QUANTUM DOTS	1935
<i>B. Herzog ; M. Kolarczik ; Y. Kaptan ; U. Woggon ; N. Owschimikow ; B. Lingnau ; K. Lüdge</i>	
SUB-150 FS MODE-LOCKED ERBIUM DOPED FIBER LASER BASED ON MONOLAYER GRAPHENE ON A D-SHAPED OPTICAL FIBER	1937
<i>J. D. Zapata ; L. A. M. Saito ; A. M. Cárdenas ; E. A. Thoroh De Souza</i>	
KTA-BASED OPTICAL PARAMETRIC AMPLIFIERS FOR MJ-CLASS MID-IR SOURCE	1939
<i>F. M. Lu ; T. Kanai ; Y. Matsumoto ; N. Ishii ; J. Itatani</i>	
GENERAL OPTOELECTRONIC COMPUTING BASED ON SCALABLE PHOTONIC NEUROMORPHIC SYSTEM	1941
<i>Rui Wang ; Quansheng Ren ; Jianye Zhao</i>	
SYNCHRONOUS-ASYNCHRONOUS LASER MODE-LOCKING TRANSITION: EXPERIMENTAL RESULTS	1943
<i>Dung-Han Yeh ; Yi-Han Su ; Yinchieh Lai</i>	
UNSTABLE MULTI-PULSING CAN BE INVISIBLE TO SOME ULTRASHORT PULSE-MEASUREMENT TECHNIQUES	1945
<i>Michelle Rhodes ; Zhe Guang ; Rick Trebino</i>	
BANDWIDTH-TUNABLE ULTRAFAST MID-INFRARED SOURCE USING A DUAL-CHIRPED OPTICAL PARAMETRIC AMPLIFIER	1947
<i>Scott Wandel ; Ming-Wei Lin ; Yanchun Yin ; Guibao Xu ; Igor Jovanovic</i>	
FEMTOSECOND KERR-LENS MODE-LOCKED ALEXANDRITE LASER	1949
<i>Shirin Ghanbari ; Reza Akbari ; Arkady Major</i>	
EXPERIMENTAL COMPARISON OF MODELS FOR ULTRAFAST IMPACT IONIZATION IN SILICON	1951
<i>Abebe T. Tarekegne ; Krzysztof Iwaszczuk ; Peter U. Jepsen</i>	
20 GS/S PHOTONIC ANALOG-TO-DIGITAL CONVERTER USING OPTICAL COMB BASED ON AN OPTOELECTRONIC OSCILLATOR	1953
<i>Huanfa Peng ; Xiaofeng Peng ; Yongchi Xu ; Cheng Zhang ; Yuanxiang Chen ; Lixin Zhu ; Weiwei Hu ; Zhangyuan Chen</i>	
INTERFEROMETRIC ACTIVATION OF QUANTUM DEPHASING CHANNELS	1955
<i>Jin-Shi Xu ; Man-Hong Yung ; Xiao-Ye Xu ; Jian-Shun Tang ; Chuan-Feng Li ; Guang-Can Guo</i>	
PROBING ULTRAFAST DYNAMICS OF BACTERIOCHLOROPHYLL-A USING PULSE SHAPING BASED 2D ELECTRONIC SPECTROMETER WITH A DEGENERATE OPA	1957
<i>Andrew Niedringhaus ; Veronica R. Policht ; Jennifer P. Ogilvie</i>	
2D NANOMATERIALS SATURABLE ABSORBERS FABRICATION USING THE DROPLET METHOD FOR ERBIUM-DOPED FIBER LASERS	1959
<i>R. M. Gerosa ; D. Steinberg ; R. L. Marcondes ; S. H. Domingues ; L. A. M. Saito</i>	
GENERATION OF SUB-50 FS PULSES WITH >1.5 MW OF PEAK POWER FROM A DIODE-PUMPED YB:CALGO LASER OSCILLATOR	1961
<i>S. Manjooran ; A. Major</i>	
GENERATION AND APPLICATION OF FIVE PHASE-LOCKED HARMONICS IN THE CONTINUOUS WAVE REGIME	1963
<i>C. Ohae ; N. S. Suhaimi ; T. Gavara ; K. Nakagawa ; F. -L. Hong ; K. Minoshima ; M. Katsuragawa</i>	
CORE-PUMPED ALL-NORMAL-DISPERSION YTTERBIUM-DOPED FEMTOSECOND FIBER LASER AROUND 976 NM	1965
<i>Shengjie Yi ; Yue Zhou ; Yitang Dai ; Feifei Yin ; Jian Dai ; Kun Xu</i>	
MODE-LOCKED ER-DOPED FIBER LASER WITH TIS₂ SATURABLE ABSORBER	1967
<i>X. Zhu ; M. Zhang ; J. Du ; J. Chen ; G. Hu ; X. Zhao ; Z. Zheng ; H. Zhang</i>	
SOLITON MOLECULES IN A 2-μM THULIUM-DOPED FIBER LASER	1969
<i>Pan Wang ; Chengying Bao ; Changxi Yang</i>	
VECTOR SOLITONS IN A MODE-LOCKED TM-DOPED FIBER LASER	1971
<i>Pan Wang ; Chengying Bao ; Changxi Yang</i>	
ACOUSTIC WAVE INDUCED MACH-ZEHNDER INTERFEROMETER BASED ON A SANDWICH-STRUCTURED SINGLE MODE FIBER	1973
<i>Pengfa Chang ; Ligang Huang ; Xiaobo Song ; Feng Gao ; Guoquan Zhang ; Jingjun Xu</i>	
DISSIPATIVE SOLITON GENERATION FROM A NORMAL DISPERSION, ALL-FIBER MODE-LOCKED TM-DOPED LASER	1975
<i>Grzegorz Sobon ; Tadeusz Martynkien ; Jaroslaw Sotor ; Krzysztof M. Abramski</i>	
CHARACTERIZING THE QUANTUM DETECTION PROPERTY OF THE MULTI-PIXEL PHOTON COUNTER	1977
<i>Chengjie Ding ; Xiuliang Chen ; Yan Liu ; Youying Rong ; Zhaohui Li ; Guang Wu ; E. Wu ; Heping Zeng</i>	
COMPRESSION OF DISSIPATIVE-SOLITON-RESONANCE PULSES IN A MODE-LOCKED FIBER LASER WITH A NONLINEAR OPTICAL LOOP MIRROR	1979
<i>Daojing Li ; Lei Li ; Dingyuan Tang ; Deyuan Shen ; Luming Zhao</i>	

SHIFTED OPTICAL GAUSSIAN FILTERS BASED TIME DIVISION MULTIPLEXING OF USFBGS SENSING NETWORK	1981
<i>Jalal Rohollahnejad ; Li Xia ; Rui Cheng ; Can Yu ; Jiaao Zhou</i>	
MODE COUPLING IN CHALCOGENIDE NEGATIVE CURVATURE FIBERS	1983
<i>Chengli Wei ; Robinson A. Kuis ; Francois Chenard ; Curtis R. Menyuk ; Jonathan Hu</i>	
IMPROVED SENSING PERFORMANCE OF FIBER-OPTIC HYDROGEN SENSORS BASED ON ACTIVELY OPTICAL HEATING	1985
<i>Gaopeng Wang ; Minghong Yang ; Jixiang Dai ; Feng Xiang ; Bo Zhang</i>	
BLUE UP-CONVERSION AND NEAR INFRARED (NIR) EMISSION OF BI/ER CO-DOPED FIBRE (BEDF) UNDER 830 NM PUMPING	1987
<i>Yanhua Luo ; Binbin Yan ; Amirhassan Zareanborji ; Mingjie Ding ; Chang Wang ; Jianxiang Wen ; Xinzhu Sang ; Gang-Ding Peng</i>	
HIGH-REPETITION-RATE DYNAMIC POLARIZATION MODE DISPERSION CHARACTERIZATION BASED ON LINEAR OPTICAL SAMPLING	1989
<i>Shuai Wang ; Xinyu Fan ; Qingwen Liu ; Zuyuan He</i>	
136 FS, 6 NJ THULIUM-BASED ALL-FIBER CPA SYSTEM	1991
<i>Jinzhang Wang ; Shuangchen Ruan ; Richard Howe ; Guohua Hu ; Zhipei Sun ; Tawfique Hasan</i>	
ANISOTROPIC ANTI-RESONANT ELEMENTS GIVES BROADBAND SINGLE-MODE LOW-LOSS HOLLOW-CORE FIBERS	1993
<i>Md. Selim Habib ; Ole Bang ; Morten Bache</i>	
500MW 930NM FEMTOSECOND ND:FIBER LASER FOR TWO-PHOTON MICROSCOPIC IMAGING	1995
<i>Bingying Chen ; Amin Wang ; Yudi Wang ; Yijun Li ; Zhigang Zhang</i>	
TUNABLE GRAPHENE-BASED MODE CONVERTERS AND OPTICAL DIODES	1997
<i>Vahid Foroughi Nezhad ; Ali Haddadpour ; Georgios Veronis</i>	
SHAPING TWO-PHOTON ABSORPTION IN A DISORDER COUPLING GOLD NANOROD ASSEMBLY	1999
<i>Yi Xu ; Jin-Xiang Li ; Qiao-Feng Dai ; Shao-Long Tie ; Sheng Lan</i>	
COMPARISON OF GERMANIUM AND COPPER SEED LAYERS FOR THE FABRICATION OF SMOOTH SILVER THIN FILMS	2001
<i>Eden Rafealov ; Gideon Gouws ; Jianjun Hao ; Ciaran Moore</i>	
LOCALIZED SURFACE PLASMON FOR ELECTROLUMINESCENCE ENHANCEMENT OF ORGANIC LIGHT SOURCES	2003
<i>S. Khadir ; M. Chakaroun ; A. Fischer ; O. Lamrous ; A. Boudrioua</i>	
FABRICATION AND CHARACTERIZATION OF MOIRÉ METASURFACES	2005
<i>Kai Chen ; Zilong Wu ; Yuebing Zheng ; Tadaaki Nagao</i>	
NOVEL PLASMON LASER DESIGN BASED ON HIGH-QUALITY-FACTOR CUP RESONATOR	2007
<i>Wenqi Zhu ; Ting Xu ; Amit Agrawal ; Henri J. Lezec</i>	
NEAR-FIELD THERMAL NANOLITHOGRAPHY USING SILK PROTEINS	2009
<i>W. Lee ; S. Zhang ; M. Liu ; T. H. Tao</i>	
SPECTROSCOPIC IMAGING OF ELECTRON-INDUCED NANOSCALE STRUCTURE TRANSITIONS IN SILK PROTEINS USING NEAR-FIELD OPTICS	2011
<i>S. Zhang ; W. Lee ; M. Liu ; T. H. Tao</i>	
POLARIZATION MAINTAINING MODE SELECTIVE COUPLER	2013
<i>Rand Ismaeel ; Marcelo Botelho Alonso ; Gilberto Brambilla</i>	
SHIFTED PLASMONIC NANORODS TO ENHANCE THE DENSITY OF HOT-SPOTS FOR SURFACE-BASED NONLINEAR OPTICS	2015
<i>Antonino Calà Lesina ; Pierre Berini ; Lora Ramunno</i>	
FAST FEMTOSECOND LASER ABLATION FOR EFFICIENT CUTTING OF SINTERED ALUMINA AND QUARTZ SUBSTRATES	2017
<i>Reece N. Oosterbeek ; Thomas Ward ; Carsten Corazza ; Owen Bodley ; Simon Ashforth ; Andrew Rodda ; M. Cather Simpson</i>	
A FRESH LOOK ON THE ORIGIN OF NONLINEAR LIGHT SCATTERING AND PHOTOLUMINESCENCE FROM GOLD NANORODS	2019
<i>Miao-Bin Lien ; Ji-Young Kim ; Myung-Geun Han ; Heather Ferguson ; You-Chia Chang ; Nicholas A. Kotov ; Theodore B. Norris</i>	
SURFACE-PLASMON-ENHANCED RAMAN AND PHOTOLUMINESCENCE OF FEW-LAYERS AND BULK MOS₂ ON SILVER GRATING	2021
<i>Haisheng Zheng ; Mu Li ; Biyan Chen ; Bok Sangho ; Cherian M. Joseph ; Keshab Gangopadhyay ; Shubhra Gangopadhyay</i>	
COHERENT CONTROL OF THE OPTICAL ABSORPTION IN A PLASMONIC LATTICE COUPLED TO A LUMINESCENT LAYER	2023
<i>Mohammad Ramezani ; Giuseppe Pirruccio ; Said Rahimi-Kalaleh Rodriguez ; Jaime Gomez Rivas</i>	
INTEGRATED BIOSENSOR FOR SIMULTANEOUS DETECTION BY SURFACE PLASMON RESONANCE AND FARADAIC ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY	2025
<i>Brandon Hong ; Alexander Sun ; Lin Pang ; A. G. Venkatesh ; Drew Hall ; Yeshiaahu Fainman</i>	
ANALOG LOGARITHMIC COMPUTING PRIMITIVES WITH SILICON PHOTONICS	2027
<i>Yunshan Jiang ; Peter T. S. Devore ; Ata Mahjoubfar ; Bahram Jalali</i>	
ALL-OPTICAL WAVELENGTH CONVERTER FOR POL-MUX QPSK SIGNALS BASED ON A SINGLE SILICON WAVEGUIDE	2029
<i>Xianglian Feng ; Zhihang Wu ; Lingchen Huang ; Xiaoyan Wang ; Hongzhi Chen ; Shiming Gao</i>	
ANALYSIS OF BER IN SILICON PHOTONIC SYSTEMS UTILIZING HIGHER-ORDER PSK MODULATION FORMATS	2031
<i>Jie You ; Nicolae C. Panoiu</i>	

NUMERICAL MODELING OF AMPLITUDE-TO-PHASE CONVERSION IN MODIFIED UNI-TRAVELING CARRIER (MUTC) PHOTODETECTOR	2033
<i>Yue Hu ; Curtis R. Menyuk ; Xiaojun Xie ; Meredith Hutchinson ; Vincent J. Urick ; Joe Campbell ; Keith J. Williams</i>	
ADDITIONAL DEGREE OF FREEDOM IN INTERLEAVED JUNCTION SILICON MODULATORS AGAINST EFFICIENCY-ENERGY CONFLICT	2035
<i>Xinbai Li ; Fenghe Yang ; Tiantian Li ; Qingzhong Deng ; Ruobing Chen ; Jurgen Michel ; Zhiping Zhou</i>	
STUDY OF ELECTRICAL NONLINEARITY IN ANALOG SILICON MODULATOR	2037
<i>Sheng Yu ; Tao Chu</i>	
NON-LINEAR BEHAVIOR OF RING-DOWN TIME IN CAVITY RING-DOWN SPECTROSCOPY WITH TAPERED FIBERS	2039
<i>Kavita Sharma ; Deepa Venkitesh ; Shanti Bhattacharya ; Balaji Srinivasan ; Gilberto Brambilla</i>	
NOVEL CONCEPT FOR A BROADBAND CO-PROPAGATIVE STATIONARY FOURIER TRANSFORM SPECTROMETER INTEGRATED ON A Si₃N₄ WAVEGUIDE PLATFORM	2041
<i>Xiaomin Nie ; Eva Ryckeboer ; Gunther Roelkens ; Roel Baets</i>	
HIGH-SPEED OPERATION OF A MID-INFRARED OPTICAL SYSTEM AT ROOM TEMPERATURE	2043
<i>Hossein Lofii ; Lu Li ; Lin Lei ; Hao Ye ; S. M. Shazzad Rassel ; Yuchao Jiang ; Rui Q. Yang ; Tetsuya D. Mishima ; Michael B. Santos ; James A. Gupta ; Matthew B. Johnson</i>	
ALL-OPTICAL PHASE-PRESERVED FORMAT CONVERSION BETWEEN QPSK AND 2×BPSK BASED ON FWM IN A DOUBLE-PASS SCHEME	2045
<i>Yu-Hsiang Wen ; Jia-Wei Ho ; Kai-Ming Feng</i>	
AN INP-BASED TWO-MODE CONVERTER/(DE)MULTIPLEXER WITH 100% MODE CONVERSION EFFICIENCY BY USING MULTIMODE INTERFERENCE COUPLERS AS THE BUILDING BLOCKS	2047
<i>Zhaosong Li ; Dan Lu ; Lingjuan Zhao ; Song Liang ; Xuliang Zhou ; Jiaoqing Pan</i>	
GRATING-ASSISTED TUNABLE OPTICAL DELAY LINE IN MICRORING RESONATORS	2049
<i>Seyfollah Toroghi ; Saeed Khan ; Sasan Fathpour</i>	
SILICON NITRIDE ON SILICON-ON-INSULATOR: A PLATFORM FOR INTEGRATION ACTIVE CONTROL OVER PASSIVE COMPONENTS	2051
<i>Qiancheng Zhao ; Mohsen Rajaei ; Ozdal Boyraz</i>	
OPTICAL CLOCK PULSE GENERATION USING THERMAL NONLINEARITY IN MICRORING RESONATORS	2053
<i>Nima Davoudzadeh ; Amir Arbabi ; Jinlong Zhu ; Lynford L. Goddard</i>	
SYSTEMATIC STUDY OF SI-BASED Ge_{0.9}SN_{0.1} LIGHT-EMITTING DIODES TOWARDS MID-INFRARED APPLICATION	2055
<i>Yiyin Zhou ; Wei Du ; Wei Dou ; Thach Pham ; Aboozar Mosleh ; Seyed Amir Ghetmiri ; Sattar Al-Kabi ; Joe Margetis ; John Tolle ; Greg Sun ; Richard Soref ; Baohua Li ; Mansour Mortazavi ; Hameed Naseem ; Shui-Qing Yu</i>	
PERFORMANCE OF 90GHZ ELECTRO-OPTIC MODULATOR WITH PATCH-ANTENNAS IN HIGH-POWER WIRELESS IRRADIATION	2057
<i>Yusuf Nur Wijayanto ; Atsushi Kanno ; Tetsuya Kawanishi ; Hiroshi Murata ; Naokatsu Yamamoto ; Yasuyuki Okamura</i>	
ACOUSTO-OPTIC DELAY MODULATION OF A PHOTONIC SIGNAL	2059
<i>Ross T. Schermer ; V. J. Urick ; Jason D. McKinney</i>	
OPTICAL TAMM STATES IN LIQUID PHOTONIC CRYSTAL AND METASURFACE	2061
<i>Kuo-Ping Chen ; Mong-Yin Lin</i>	
INVESTIGATION ON PHASE-SENSITIVE FIBER NONLINEARITY CANCELLATION IN CONJUGATED-PAIRED RADIO-ON-FIBER SYSTEM	2063
<i>Takahide Sakamoto ; Guo-Wei Lu ; Tetsuya Kawanishi</i>	
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<i>Xiaowei Guan ; Xiaoyan Wang ; Lars H. Frandsen</i>	
AN INTEGRATED OPTICAL LINK IN 140 NM SOI TECHNOLOGY	2067
<i>S. Dutta ; R. J. E. Huetting ; V. Agarwal ; A. J. Annema</i>	
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<i>Samira Karimelahi ; Ali Sheikholeslami</i>	
GAAS PHOTONIC CRYSTAL SWITCH FOR ELECTRO-OPTIC SAMPLING	2071
<i>Gregory Moille ; Alfredo De Rossi ; Gaëlle Lehoucq ; Charlotte Tripon-Canseliet ; Laurence Morgenroth ; François Neuilly ; Didier Decoster ; Gaetano Bellanca ; Sylvain Combré</i>	
BIT FLOW DENSITY (BFD): AN EFFECTIVE PERFORMANCE FOM FOR OPTICAL ON-CHIP INTERCONNECTS	2073
<i>Shuai Sun ; Abdel-Hameed A. Badawy ; Vikram Narayana ; Tarek El-Ghazawi ; Volker J. Sorger</i>	
DETECTION OF MICRORNA USING A RESONANCE-FREE CAPILLARY OPTOFLUIDIC SENSOR	2075
<i>Lili Liang ; Long Jin ; Bai-Ou Guan</i>	
DIFFERENTIATION OF CUTANEOUS MELANOMA FROM SURROUNDING SKIN USING LASER-INDUCED BREAKDOWN SPECTROSCOPY	2077
<i>Youngmin Moon ; Jung Hyun Han ; Jong Jin Lee ; Sujeong Choi ; Yong-Chul Kim ; Sungho Jeong</i>	
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