

2017 Conference on Lasers and Electro-Optics (CLEO 2017)

**San Jose, California, USA
14-19 May 2017**

Pages 1-611



**IEEE Catalog Number: CFP17CLE-POD
ISBN: 978-1-5386-2019-9**

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IEEE Catalog Number:	CFP17CLE-POD
ISBN (Print-On-Demand):	978-1-5386-2019-9
ISBN (Online):	978-1-9435-8027-9
ISSN:	2160-8989

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<i>Brandon Hong ; Felipe Vallini ; Cheng-Yi Fang ; Amr Alassad ; Yeshaiahu Fainman</i>	
SILICON ON-CHIP ULTRACOMPACT INTEGRATED SENSOR ARRAY BASED ON HIGH-Q PHOTONIC CRYSTAL NANOBEAM CAVITIES WITH VERY LARGE FREE SPECTRAL RANGE.....	1820
<i>Daquan Yang ; Bo Wang ; Xin Chen ; Chuan Wang ; Yuefeng Ji</i>	
PLASMONIC NANOANTENNA OF HOLE-SPHERE NANOGAPS FOR SURFACE ENHANCED RAMAN SCATTERING SENSOR.....	1822
<i>J. M. Lee ; C. Hong ; S. Adhikari ; H. Jeong ; Y. D. Jang ; J. S. Baek ; I. Yoon ; D. Lee</i>	

EXPERIMENTAL DEMONSTRATION OF USING ORBITAL ANGULAR MOMENTUM BASED SPATIAL SPECTRUM ANALYSIS FOR OBJECT PARAMETER ESTIMATION	1824
<i>Guodong Xie ; Haoqian Song ; Zhe Zhao ; Yongxiong Ren ; Cong Liu ; Runzhou Zhang ; Long Li ; Zhe Wang ; Kai Pang ; Moshe Tur ; Alan E. Willner</i>	
EXPLOITING SHOCK WAVE AND SELF-ABSORPTION FOR HIGH RESOLUTION LASER INDUCED BREAKDOWN SPECTROSCOPY.....	1826
<i>Ali Rastegari ; Matthias Lenzner ; Chengyong Feng ; Ladan Arissian ; Jean-Claude Diels ; Kristen Peterson</i>	
LOW Q-FACTOR RING RESONATORS WITH ULTRA-LOW LIMIT OF DETECTION BASED ON FFT PROCESSING OF SPECTRAL SCANNING DATA	1828
<i>Lefteris Gounaridis ; Panos Groumas ; Erik Schreuder ; George Tsekenis ; Rene Heideman ; Hercules Avramopoulos ; Christos Kouloumentas</i>	
TIME-WAVELENGTH OPTICAL SAMPLING BASED ON LASER CAVITY TUNING	1830
<i>Lin Yang ; Shuqin Zhang ; Shuqin Zhang ; Srikamal J. Soundararajan ; Lingze Duan</i>	
COMPUTATIONAL ADAPTIVE SAMPLING FOR MULTIHETERODYNE SPECTROSCOPY	1832
<i>Lukasz A. Sterczewski ; Jonas Westberg ; Link Patrick ; Gerard Wysocki</i>	
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<i>L. Maidment ; A. Polak ; S. Marshall ; D. T. Reid</i>	
DESIGN OF A BAND-SELECTIVE SILICON PHOTONIC FOURIER TRANSFORM SPECTROMETER USING SLOW LIGHT	1836
<i>Shayan Mookherjee</i>	
3D TEMPERATURE MAPPING OF CELLULAR PASSIVE COOLING STRUCTURES FABRICATED BY ADDITIVE MANUFACTURING FOR LASERS.....	1838
<i>Shuo Li ; Ran Zou ; Aidong Yan ; Lin Cheng ; Albert To ; Kevin Chen</i>	
TUNABLE RESONANT GRAPHENE PLASMONS FOR MID-INFRARED BIOSENSING	1840
<i>Tingting Wu ; Lei Wei</i>	
ALL-FIBER QEPAS SENSOR AND ITS APPLICATION FOR SPATIALLY RESOLVED TRACE GAS DETECTION	1842
<i>Yufei Ma ; Ying He ; Xin Yu ; Rui Sun ; Frank K. Tittel</i>	
HIGH ENERGY PULSE RECOMPRESSION TECHNIQUES FOR PETAWATT CLASS LASERS	1844
<i>Efim Khazanov ; Sergey Mironov ; Vladislav Ginzburg ; Ivan Yakovlev ; Anton Kochetkov ; Andrey Shaykin ; Gerard Mourou</i>	
HIGH PULSE ENERGY CHIRALLY-COUPLED-CORE YB-DOPED FIBER AMPLIFIER SYSTEM.....	1846
<i>J. Bai ; J. Zhang ; J. Koponen ; M. Kanskar ; E. Towe</i>	
SWITCHABLE HIGH POLARIZATION PURITY RADially AND AZIMUTHALLY POLARIZED ND:YAG MICROCHIP LASER.....	1848
<i>Hongsen He ; Jun Dong</i>	
AMPLIFIER FOR OPTICAL STOCHASTIC COOLING	1850
<i>M. B. Andorf ; V. A. Lebedev ; P. Piot ; J. Ruan</i>	
INFLUENCE OF CRYSTAL'S NOMINAL FIGURE OF MERIT ON TI:SAPPHIRE LASER DIRECTLY PUMPED BY INGAN LASER DIODES	1852
<i>Naoto Sugiyama ; Ryota Sawada ; Hiroki Tanaka ; Fumihiko Kannari</i>	
FILTER-DRIVEN FOUR-WAVE MIXING ULTRAFAST ALL-FIBER LASER BASED ON MICROFIBER RESONATOR.....	1854
<i>Qizhen Sun ; Yanpeng Li ; Yue Li ; Jingwei Ling ; Yiyang Luo ; Deming Liu</i>	
A BURST-MODE ND:YVO₄/ND:YAG MOPA LASER WITH HIGH-REPETITION-RATE AND HIGH-PULSE-ENERGY	1856
<i>Xudong Li ; Renpeng Yan ; Yiping Zhou ; Yufei Ma ; Deying Chen ; Zhongxiang Zhou</i>	
DOUBLE LAYER HOLLOW CORE ANTI-RESONANT FIBER FOR SMALL CORE AND LOW LOSS CHARACTERISTICS	1858
<i>Xiaosheng Huang ; Daryl Ho ; Wenliang Qi ; Seongwoo Yoo</i>	
TRIPLE-WAVE DIAGNOSTICS WITH SINGLE DIFFRACTION PATTERN BASED ON COHERENT PHASE MODULATION IN HIGH POWER LASER SYSTEMS	1860
<i>Xingchen Pan ; Cheng Liu ; Jianqiang Zhu</i>	
A 97-PS LASER-PULSE GENERATION BY TWO-STAGE STIMULATED BRILLOUIN AND RAMAN SCATTERING.....	1862
<i>Zhaohong Liu ; Yulei Wang ; Hengkang Zhang ; Yirui Wang ; Hangyuan ; Zhenxu Bai ; Zhiwei Lu</i>	
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<i>B. Bahari ; R. Tellez-Limon ; B. Kante</i>	
PHOTO-THERMAL-ACOUSTIC THZ DETECTION BASED ON 3-DIMENSIONAL GRAPHENE	1866
<i>M. Shalaby ; C. Vicario ; F. Giorgianni ; S. Lupi ; C. P. Hauri ; C. P. Hauri</i>	

ENHANCED SENSITIVITY OF TERAHERTZ ALLERGEN SENSORS BASED ON COMPLEMENTARY METASURFACES	1868
<i>Guillermo A. Naranjo ; Xomalin G. Peralta ; Igal Brener ; Anthony James ; John J. Nogan</i>	
3D PRINTED HOLLOW CORE TERAHERTZ BRAGG WAVEGUIDE FOR SURFACE SENSING APPLICATIONS	1870
<i>Jingwen Li ; Kathirvel Nallapan ; Hichem Guerboukha ; Maksim Skorobogatiy</i>	
BROADBAND TERAHERTZ DETECTION TROUGH PLASMONIC PHOTOCONDUCTIVE NANO-ANTENNA ARRAYS	1872
<i>Nezih T. Yardimci ; Mona Jarrahi</i>	
REAL-SPACE AND REAL-TIME IMAGING OF THZ WAVE CONFINEMENT AND STANDING WAVE IN A FABRY-PEROT RESONATOR	1874
<i>Chongpei Pan ; Yane Wang ; Yao Lu ; Wenjuan Zhao ; Qi Zhang ; Qiang Wu ; Jingjun Xu</i>	
QUAD-WAVELENGTH MULTI-FOCUSING LENSES WITH DUAL-WAVELENGTH META-ATOMS	1876
<i>Sensong An ; Jun Ding ; Bowen Zheng ; Yuankun Lin ; Weili Zhang ; Hualiang Zhang</i>	
GRAPHENE-BASED METASURFACES FOR MULTIMODE TUNABLE TERAHERTZ MODULATORS	1878
<i>Thomas A. Searles ; Mehdi Rezaee ; Amirhassan Shams-Ansari ; Erin Strickland ; Tina L. Brower-Thomas ; Gary L. Harris ; Riad Yahiaoui</i>	
3D PRINTED HOLLOW-CORE TERAHERTZ OPTICAL WAVEGUIDES WITH HYPERUNIFORM DISORDERED DIELECTRIC REFLECTORS	1880
<i>Tian Ma ; Hichem Guerboukha ; Maksim Skorobogatiy</i>	
TERAHERTZ EMISSION IN ONE-DIMENSIONAL DISORDERED SYSTEMS.....	1882
<i>Yongquan Zeng ; Guozhen Liang ; Hou Kun Liang ; Bo Qiang ; Bo Meng ; Shampy Mansha ; Lianhe Li ; Alexander Giles Davies ; Edmund Harold Linfield ; Ying Zhang ; Yidong Chong ; Qi Jie Wang</i>	
SEEDED OFF-AXIS TERAHERTZ PARAMETRIC OSCILLATOR.....	1884
<i>Yu-Chung Chiu ; Tsong-Dong Wang ; Po-Chang Wang ; Yen-Chieh Huang</i>	
HIGH EFFICIENT TERAHERTZ GENERATION USING TILTED-PULSE-FRONT PHOTOEXCITATION OF SEMICONDUCTOR SURFACE	1886
<i>Yu. Avetisyan ; A. Makaryan ; M. Tonouchi</i>	
HIGHLY EFFICIENT GESN ELECTROABSORPTION MODULATOR USING HIGHER-ORDER-MODE FOR MID-INFRARED GE-ON-SI PLATFORM.....	1888
<i>Takanori Sato ; Minami Akie ; Masakazu Arai ; Takeshi Fujisawa ; Kunimasa Saitoh</i>	
SILICON PHOTONICS MULTI-CHANNEL BRAGG REFLECTORS BASED ON NARROWBAND CLADDING-MODULATED GRATINGS.....	1890
<i>Tzu-Hsiang Yen ; Chong-Jia Wu ; Chia-Ju Yu ; Yung-Jr Hung</i>	
HIGHLY EFFICIENT IR TRANSPARENT PEROVSKITE SOLAR CELLS.....	1892
<i>Xianqiang Li ; Tao Ye ; Xizu Wang ; Xiaohong Tang</i>	
DUAL-CAVITY OPTICALLY AND ELECTRICALLY RESONANT MODULATORS FOR EFFICIENT NARROWBAND RF/MICROWAVE PHOTONICS	1894
<i>Yossef Ehrlichman ; Miloš A. Popovic</i>	
BROADBAND DISPERSION ENGINEERING FOR INTEGRATED PHOTONICS JUST BY TUNING THE WIDTH OF THE WAVEGUIDE.....	1896
<i>Yu Li ; Le An ; Yuandong Huo ; Minghua Chen ; Hongwei Chen ; Sigang Yang</i>	
OPTICAL SIMULATIONS ON SILICON MICROSTRUCTURE CHIPS: QUANTUM WALK AND ITS APPLICATIONS.....	1898
<i>Yufei Wang ; Fan Qi ; Qingyan Ma ; Zhishuang Liu ; Wanhua Zheng</i>	
SILICON BASED PHOTONIC CRYSTAL NANOBEAM CAVITY WITH POLYMER CLADDING	1900
<i>Yuguang Zhang ; Yaocheng Shi</i>	
SUPERCONDUCTING NANOWIRE SINGLE-PHOTON DETECTORS INTEGRATED WITH CURRENT RESERVOIRS.....	1902
<i>Yuhao Cheng ; Haiyi Liu ; Chao Gu ; Xiaotian Zhu ; Xiaolong Hu</i>	
ENHANCED THERMO-OPTIC BISTABILITY IN GRAPHENE-ON-SILICON NITRIDE RING RESONATORS.....	1904
<i>Yun Gao ; Wen Zhou ; Chester Shu ; Hon Ki Tsang</i>	
LOW-POWER OPTICAL LOGIC GATE IN A SILICON WAVEGUIDE.....	1906
<i>Yun Zhao ; David Lombardo ; Jay Mathews ; Imad Agha</i>	
DESIGN AND FABRICATION OF SUBWAVELENGTH GRATING (SWG) SLOT WAVEGUIDE AT SHORT-WAVE INFRARED WAVELENGTH OF 2 μM.....	1908
<i>Zhengsen Ruan ; Li Shen ; Shuang Zheng ; Andong Wang ; Jun Liu ; Shuhui Li ; Jian Wang</i>	

SIMULATIONS OF TAPER DESIGNS FOR INTEGRATED GE/SIGE WAVEGUIDE SYSTEM	1910
<i>Ching-Ying Lu ; Kai Zang ; Yijie Huo ; Xiaochi Chen ; Edward T. Fei ; Muyu Xue ; Theodore I. Kamins ; James S. Harris</i>	
ON-CHIP LOW-THRESHOLD SILICON NITRIDE DISTRIBUTED FEEDBACK COLLOIDAL QUANTUM DOT LASER	1912
<i>Yunpeng Zhu ; Weiqiang Xie ; Pieter Geiregat ; Suzanne Bisschop ; Tangi Aubert ; Edouard Brainis ; Zeger Hens ; Dries Van Thourhout</i>	
INTEGRATED SILICON PHOTONIC REFLECTIVE MODULATOR FOR PASSIVE OPTICAL NETWORKS.....	1914
<i>Fatemeh Soltani ; Michael Menard ; Andrew G. Kirk</i>	
SELF-ELECTRO-OPTIC BISTABILITY IN HYBRID SILICON PHOTONIC MICRORING RESONATORS.....	1916
<i>Jiajiu Zheng ; Dan Guo ; Arka Majumdar</i>	
PERFORMANCE COMPARISON BETWEEN SERIAL-CONNECTED AND PARALLEL-CONNECTED PHOTODIODE ARRAY	1918
<i>Jiarui Fei ; Yongqing Huang ; Tao Liu ; Xiaokai Ma ; Xiaofeng Duan ; Kai Liu ; Xiaomin Ren</i>	
DESIGN AND FABRICATION QUASIPERIODIC PHOTONIC CRYSTALS FOR SIMULTANEOUS SLAB WAVEGUIDE COUPLING AND SPLITTING	1920
<i>Jingxing Shi ; Micheal. E. Pollard ; James Gates ; Martin D. B Charlton</i>	
EXPERIMENTAL DEMONSTRATION OF SILICON STRIP AND SLOT WAVEGUIDES FOR 2 μM CHIP-SCALE OPTICAL DATA TRANSMISSION	1922
<i>Li Shen ; Zhengsen Ruan ; Shuang Zheng ; Andong Wang ; Jun Liu ; Shuhui Li ; Jian Wang</i>	
EXPERIMENTAL STUDY OF ELECTRO-OPTIC CROSSTALK IN PARALLEL SILICON PHOTONIC MACH-ZEHNDER MODULATORS	1924
<i>Lingjun Jiang ; Xi Chen ; Kwangwoong Kim ; Guilhem De Valicourt ; Zhaoran Rena Huang ; Po Dong</i>	
FREQUENCY AND STABILITY ANALYSIS OF TWO MUTUALLY DELAY-COUPLED SEMICONDUCTOR LASERS IN PHOTONIC INTEGRATED CIRCUITS	1926
<i>Masoud Seifikar ; Andreas Amann ; Frank H. Peters</i>	
SILICON NITRIDE POLARIZATION BEAM SPLITTER BASED ON MMI WITH PHASE DELAY LINE	1928
<i>Min Teng ; Sangsik Kim ; Kyunghun Han ; Ben Niu ; Yunjo Lee ; Minghao Qi</i>	
SCALABLE, LOW-POWER-PENALTY NANOSECOND RECONFIGURABLE HYBRID OPTICAL SWITCHES FOR DATA CENTRE NETWORKS.....	1930
<i>M. Ding ; A. Wonfor ; Q. Cheng ; R. V. Penty ; I. H. White</i>	
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<i>Ping Xue ; Zhixin Wang ; Che Zhao ; Te Chen ; Weiwei Hu</i>	
FABRICATION OF LIGHTWAVE CIRCUITS ON FLAT FIBERS: SYSTEM-IN-FIBER.....	1934
<i>Sheng Huang ; Mohan Wang ; Ya-Wen Huang ; Rongtao Cao ; Shuo Li ; Ran Zou ; Aidong Yan ; Ming-Jun Li ; Kevin P. Chen</i>	
CHASING MOORE'S LAW WITH CLEAR	1936
<i>Shuai Sun ; Vikram K. Narayana ; Tarek El-Ghazawi ; Volker J. Sorger</i>	
ROBUST PHOTONIC DIFFERENTIATOR EMPLOYING SLOW LIGHT EFFECT IN PHOTONIC CRYSTAL WAVEGUIDE	1938
<i>Siqi Yan ; Ziwei Cheng ; Lars Hagedorn Frandsen ; Yunhong Ding ; Feng Zhou ; Jianji Dong ; Xinliang Zhang</i>	
FULL CONTROL OF FAR-FIELD RADIATION VIA PHOTONIC INTEGRATED CIRCUITS DECORATED WITH PLASMONIC NANO-ANTENNAE	1940
<i>Yi-Zhi Sun ; Renaud Bachelot ; Sylvain Blaize ; Li-Shuang Feng ; Wei Ding</i>	
FAST CIRCUIT MODELING OF HEAT TRANSFER IN PHOTONIC INTEGRATED CIRCUITS.....	1942
<i>Xiaoxi Wang ; Shayan Mookherjee</i>	
MICROWAVE PHOTONIC INTERROGATION OF A HIGH-RESOLUTION AND TEMPERATURE-INSENSITIVE REFRACTIVE INDEX SENSOR.....	1944
<i>Yuan Cao ; Xudong Wang ; Xinhuan Feng ; Bai-Ou Guan ; Jianping Yao</i>	
LOW-LOSS TWO-DIMENSIONAL GRATING COUPLER ON SOI PLATFORM WITH BONDED METAL MIRROR	1946
<i>Zhichao Nong ; Yannong Luo ; Shengqian Gao ; Huamao Huang ; Siyuan Yu ; Xinlun Cai</i>	
A MICROWAVE PHOTONICS-BASED INVERSE SYNTHETIC APERTURE RADAR SYSTEM.....	1948
<i>Xuedi Xiao ; Shangyuan Li ; Boyu Chen ; Xiao Yang ; Dexin Wu ; Xiaoxiao Xue ; Xiaoping Zheng ; Bingkun Zhou</i>	
HIGH PERFORMANCE LIGHT EMITTING MEMORIES: MULTIFUNCTIONAL DEVICES FOR UNVEILING INFORMATION BY OPTICAL AND ELECTRICAL DETECTION.....	1950
<i>Yi-Rou Liou ; Golam Haider ; Shu-Yi Cai ; Chia-Lin Wu ; Tai-Yuan Lin ; Yang-Fang Chen</i>	

FULLY COMPRESSIBLE WIDEBAND RADAR SIGNAL GENERATION WITH PHOTONIC FREQUENCY MULTIPLICATION	1952
<i>Yu Zha ; Xiaoxiao Xue ; Haojie Wang ; Xiaoping Zheng ; Shangyuan Li ; Bingkun Zhou</i>	
EXTREME PLATFORMS FOR METAPHOTONICS	1954
<i>Nader Engheta ; Brian Edwards ; Iñigo Liberal ; Nasim Mohammadi Estakhri ; Ahmed Mahmoud ; Yaakov Lumer</i>	
LOW-THRESHOLD SURFACE-PLASMON-POLARITON LASER PUMPED BY SURFACE PLASMON POLARITONS	1956
<i>Wenqi Zhu ; Cheng Zhang ; Ting Xu ; Amit Agrawal ; Henri J. Lezec</i>	
ENHANCING LIGHT-MATTER INTERACTION WITH HIGH-Q FANO DIELECTRIC METASURFACES	1958
<i>S. Liu ; S. Addamane ; G. A. Keeler ; M. B. Sinclair ; G. Balakrishnan ; I. Brener</i>	
QUANTUM IMAGING WITH DIELECTRIC METASURFACES FOR MULTI-PHOTON POLARIZATION TOMOGRAPHY	1960
<i>Kai Wang ; Sergey S. Kruk ; Lei Xu ; Matthew Parry ; Hung-Pin Chung ; Alexander S. Solntsev ; James Titchener ; Ivan Kravchenko ; Yen-Hung Chen ; Yuri S. Kivshar ; Dragomir N. Neshev ; Andrey A. Sukhorukov</i>	
FULLY-STABILIZED OPTICAL FREQUENCY COMB FROM A DIODE-PUMPED SOLID-STATE LASER WITH GHZ REPETITION RATE	1962
<i>S. Hakobyan ; V. J. Wittwer ; P. Brochard ; K. Gürel ; S. Schilt ; A. S. Mayer ; U. Keller ; T. Südmeyer</i>	
OPTIMIZING THE POWER EFFICIENCY OF A SESAM FIBER COMB LASER	1964
<i>Shaokang Wang ; Curtis R. Menyuk ; Stefan Droste ; Laura Sinclair ; Ian Coddington ; Nathan Newbury</i>	
COHERENT SUPERCONTINUUM GENERATION WITH PICOSECOND PULSES	1966
<i>Adrea R. Johnson ; Xingchen Ji ; Michael R. E. Lamont ; Yoshitomo Okawachi ; Michal Lipson ; Alexander L. Gaeta</i>	
OCTAVE BROADENING OF A 15 GHZ KERR SOLITON COMB	1968
<i>Erin S. Lamb ; Jordan R. Stone ; Myoung-Gyun Suh ; Kerry J. Vahala ; Scott A. Diddams ; Scott B. Papp</i>	
ELECTRO-OPTIC MODULATOR FOR RAPID CONTROL OF THE CARRIER-ENVELOPE OFFSET FREQUENCY	1970
<i>W. Hänsel ; M. Giunta ; M. Lezius ; M. Fischer ; R. Holzwarth</i>	
COHERENT CONTROL OF RELATIVE CARRIER ENVELOPE PHASE IN DUAL-COMB SPECTROSCOPY	1972
<i>Akifumi Asahara ; Ken-Ichi Kondo ; Yue Wang ; Kaoru Minoshima</i>	
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<i>Xiaosheng Zhang ; Minghao Hu ; Shilin Xiong ; Guan hao Wu</i>	
MODAL APPROACH TOWARDS COMPLETE CHARACTERIZATION OF FREQUENCY COMB NOISE	1976
<i>Syamsundar De ; Valérian Thiel ; Jonathan Roslund ; Nicolas Treps</i>	
COHERENT BEAM COMBINING ON SILICON CHIP THROUGH HYBRID INTEGRATION	1978
<i>Yeyu Zhu ; Yunsong Zhao ; Lin Zhu</i>	
A COMPACT SILICON PHOTONIC ADD-DROP MULTIPLEXER WITH MISALIGNED SIDEWALL BRAGG GRATINGS IN A MZI	1980
<i>Md Ghulam Saber ; Zhenping Xing ; David Patel ; Eslam El-Fiky ; Nicolás Abadía ; Yun Wang ; David V. Plant</i>	
AUTOMATIC MONITOR-BASED TUNING OF RECONFIGURABLE SILICON PHOTONIC 2ND-ORDER APF-BASED POLE/ZERO FILTERS	1982
<i>Gihoon Choo ; Shengchang Cai ; Binhao Wang ; Christi Madsen ; Kamran Entesari ; Samuel Palermo</i>	
INTEGRATED POLARIZATION BEAM-SPLITTER WITH 116 THZ BANDWIDTH VIA TOPOGRAPHICALLY ANISOTROPIC PHOTONICS	1984
<i>Jeff Chiles ; Tracy Sjaardema ; Ashutosh Rao ; Sasan Fathpour</i>	
AN INTEGRATED HIGH-EXTINCTION-RATIO LOW-LOSS POLARIZATION ROTATOR FOR SILICON PHOTONICS ACROSS C+L BANDS	1986
<i>Peizhe Alvin Li ; Xuan Cui ; Yongnan Li ; Mingbin Yu ; Dim-Lee Kwong ; Chee Wei Wong</i>	
OBSERVATION OF SYNCHRONIZATION IN AIR-SLOT PHOTONIC CRYSTAL OPTOMECHANICAL OSCILLATOR	1988
<i>Yongjun Huang ; Jiagui Wu ; Jaime G. F. Flores ; Mingbin Yu ; Dim-Lee Kwong ; Guangjun Wen ; Chee Wei Wong</i>	
A 2/3-OCTAVE-SPANNING THREE SPECTRAL BAND SPLITTER ON A Si₃N₄ PHOTONIC INTEGRATED CIRCUIT PLATFORM	1990
<i>Tiehui Su ; Siwei Li ; Shaoqi Feng ; Weicheng Lai ; Guangyao Liu ; S. J. B. Yoo</i>	
MONOLITHIC INTEGRATION OF VERTICAL SINX MICRORINGS ON A RIDGE WAVEGUIDE TO ACHIEVE MULTI-CHANNEL PHOTONIC COUPLING	1992
<i>Xin Yu ; Lynford L. Goddard ; Xiuling Li ; Xiaogang Chen</i>	

FROM CONCEPT TO A WORKING SILICON PHOTONIC CHIP	1994
<i>L. Chrostowski</i>	
PERFECT VERTICAL GRATING COUPLER WITH DIRECTIONALITY OF 97% ON A STANDARD SOI PLATFORM	1995
<i>T. Watanabe ; M. Ayata ; U. Koch ; Y. Fedoryshyn ; J. Leuthold</i>	
HIGH RESOLUTION SILICON ARRAYED WAVEGUIDE GRATINGS FOR PHOTONIC SIGNAL PROCESSING APPLICATIONS	1997
<i>M. Gehl ; D. Trotter ; A. Starbuck ; A. Pomerene ; A. L. Lentine ; C. Derosé</i>	
POLARIZATION INDEPENDENT ADIABATIC 3-DB COUPLER FOR SILICON-ON-INSULATOR	1999
<i>Luhua Xu ; Yun Wang ; David Patel ; Eslam El-Fiky ; Zhenping Xing ; Rui Li ; Md Ghulam Saber ; Maxime Jacques ; David V. Plant</i>	
A BLACK PHOSPHORUS OPTOELECTRONIC MIXER	2001
<i>Ryan J. Suess ; Lei Chen ; Joseph D. Hart ; Edward Leong ; Thomas E. Murphy ; Martin Mittendorf</i>	
PASSIVE AND ACTIVE LIGHT CONTROL USING COMPUTATIONAL METAMATERIALS	2003
<i>Apratim Majumder ; Bing Shen ; Randy Polson ; Rajesh Menon</i>	
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<i>Zhe Xu ; Wuzhou Song ; Kenneth B. Crozier</i>	
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<i>Jordan Davis ; Andrew Grieco ; Mario C. M. M. Souza ; Yeshaiah Fainman</i>	
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<i>You-Chia Chang ; Samantha P. Roberts ; Brian Stern ; Ipshta Datta ; Michal Lipson</i>	
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<i>A. Marinins ; O. Ozolins ; X. Pang ; A. Udalcovs ; J. Rodrigo Navarro ; A. Kakkar ; R. Schatz ; G. Jacobsen ; S. Popov</i>	
LARGE BANDWIDTH SILICON NITRIDE SPOT-SIZE CONVERTER FOR EFFICIENT SUPERCONTINUUM COUPLING TO CHALCOGENIDE WAVEGUIDE	2013
<i>Jean-Etienne Tremblay ; Yung-Hsiang Lin ; Po-Kai Hsu ; Marcin Malinowski ; Spencer Novak ; Pengfei Qiao ; Guillermo F. Camacho-Gonzalez ; Connie Chang-Hasnain ; Kathleen Richardson ; Sasan Fathpour ; Ming C. Wu</i>	
OVERVIEW OF THE 1.15 PW PETAL LASER IN THE LMJ FACILITY	2015
<i>N. Blanchot ; G. Béhar ; T. Berthier ; S. Bouillet ; J. C. Chapuis ; C. Chappuis ; S. Chardavoine ; J. F. Charrier ; S. Chicot ; H. Coïc ; C. Damien Dupont ; J. Duthu ; P. Garcia ; J. P. Goossens ; F. Granet ; C. Grosset-Grange ; P. Guerin ; O. Hartmann ; B. Hebrard ; L. Hilsz ; L. Lameignere ; T. Lacombe ; E. Lavastre ; J. Luce ; F. Macias ; E. Mazataud ; M. Mangeant ; T. Morgaint ; S. Noailles ; J. Néauport ; P. Patelli ; E. Perrot-Minnot ; C. Present ; D. Raffestin ; B. Remy ; A. Roques ; C. Rouyer ; M. Sozet ; N. Santacreu ; D. Valla ; F. Lanièsse</i>	
10²²W/CM², 0.1 HZ J-KAREN-P LASER FACILITY AT QST	2017
<i>H. Kiriya ; M. Nishiuchi ; A. S. Pirozhkov ; Y. Fukuda ; H. Sakaki ; A. Sagisaka ; N. Dover ; K. Kondo ; K. Nishitani ; K. Ogura ; M. Mori ; Y. Miyasaka ; J. Koga ; T. Zh. Esirkepov ; Y. Hayashi ; H. Kotaki ; K. Huang ; N. Nakanii ; S. V. Bulanov ; M. Kando ; K. Kondo</i>	
DEVELOPMENT OF HIGH POWER GLASS LASER SYSTEMS IN NLHPLP	2019
<i>Jianqiang Zhu ; Jian Zhu ; Xuechun Li ; Baoqiang Zhu ; Weixin Ma ; Dean Liu ; Cheng Liu ; Xingqiang Lu ; Wei Fan ; Zhigang Liu ; Dongfeng Zhao ; Shenlei Zhou ; Yanli Zhang ; Li Wang ; Mingying Sun ; Bingyan Wang ; Zhaoyang Jiao ; Lei Ren ; Guowen Zhang ; Jie Miao ; Zunqi Lin</i>	
THE CERN/ISOLDE LASER ION SOURCE	2021
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