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<i>Y. Xu; J. Yu; X. Li; J. Xiao;</i>	
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<i>A. Nakamura; K. Okamoto; Y. Koshiba; T. Manabe; M. Oguma; T. Hashimoto; M. Itoh;</i>	
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<i>Q. Liu; L. Liu; X. Fan; J. Du; L. Ma; Z. He;</i>	
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<i>R. S. Luis; B. Putnam; W. Klaus; J. M. Mendieta; Y. Awaji; N. Wada; A. Kanno; T. Kawanishi; T. Nakanishi; T. Hayashi; T. Sasaki;</i>	
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<i>J. Chang; H. Choi; S. Bae; D. Sim; H. Kim; Y. Chung;</i>	
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<i>N. Hanzawa; K. Tsujikawa; T. Mori; M. Wada; F. Yamamoto; K. Kurokawa;</i>	
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<i>V. S. Shukla;</i>	
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<i>H. Luk; L. Chen;</i>	
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<i>W. Liu; N. Hua; X. Zheng; B. Zhou; W. Liu; N. Hua; X. Zheng; B. Zhou; X. Chen; X. Chen;</i>	
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<i>T. Koike-Akino; D. Millar; K. Kojima; K. Parsons;</i>	
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<i>T. A. Eriksson; P. A. Andrekson; M. Karlsson;</i>	
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<i>C. Zhu; B. Song; L. Zhuang; B. Corcoran; A. Lowery;</i>	
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<i>M. Koga; A. Mizutori; T. Ohata;</i>	
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<i>B. J. Puttnam; R. S. Luis; J. Delgado Mendinueta; J. Sakaguchi; W. Klaus; Y. Awaji; N. Wada; A. Kanno; T. Kawanishi;</i>	
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<i>D. Sim; H. Kim; Y. Chung;</i>	
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<i>Q. Hu; D. Che; Y. Wang; W. Shieh;</i>	
SIMPLE AND EFFICIENT ALGORITHM FOR POLARIZATION TRACKING AND DEMULTIPLEXING IN DUAL-POLARIZATION IM/DD SYSTEMS	1804
<i>K. Kikuchi;</i>	
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<i>D. Che; A. Li; Q. Hu; X. Chen; W. Shieh;</i>	
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<i>W. Shieh; D. Che; Q. Hu; A. Li;</i>	
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<i>Z. Liu; Z. Li; Y. Chen; J. P. Wooler; N. V. Wheeler; A. M. Heidt; F. Poletti; M. N. Petrovich; S. Alam; D. J. Richardson; R. Slavik;</i>	
DIRECT MODULATION OF 56 GBPS DUOBINARY-4-PAM	1816
<i>L. Suhr; J. Vegas Olmos; I. Tafur Monroy;</i>	

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<i>S. Zhu; G. Lo;</i>	
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<i>J. St-Yves; H. Bahrami; S. Larochelle; W. Shi;</i>	
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<i>Z. Zhang; A. M. Novo; A. Polatynski; T. Mueller; G. Irmscher; D. Felipe; M. Kleinert; W. Brinker; C. Zawadzki; N. Keil;</i>	
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<i>R. Moreira; S. Gundavarapu; D. J. Blumenthal;</i>	
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<i>J. Wang; S. Chen; S. Wang; D. Dai;</i>	
ULTRA-LOW LOSS VERTICAL OPTICAL COUPLERS FOR 3D PHOTONIC INTEGRATED CIRCUITS	1834
<i>K. Shang; S. Pathak; G. Liu; S. Yoo;</i>	
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<i>W. H. Pernice;</i>	
5 MW/GBPS HYBRID-INTEGRATED SI-PHOTONICS-BASED OPTICAL I/O CORES AND THEIR 25-GBPS/CH ERROR-FREE OPERATION WITH OVER 300-M MMF	1840
<i>K. Yashiki; Y. Suzuki; Y. Hagihara; M. Kurihara; M. Tokushima; J. Fujikata; A. Ukita; K. Takemura; T. Shimizu; D. Okamoto; J. Ushida; S. Takahashi; T. Uemura; M. Okano; J. Tsuchida; T. Nedachi; M. Fushimi; I. Ogura; J. Inasaka; K. Kurata;</i>	
A 25 GBPS SILICON PHOTONIC TRANSMITTER AND RECEIVER WITH A BRIDGE STRUCTURE FOR CPU INTERCONNECTS	1843
<i>A. Hayakawa; M. Kibune; Y. Chen; T. Akiyama; T. Akahoshi; M. Kazunori; S. Sekiguchi; K. Morito; D. Mizutani; T. Mori; H. Ebe; A. Hayakawa; T. Akiyama; S. Sekiguchi; K. Morito; H. Ebe; A. Toda; J. H. Jiang; P. Thachile; T. Riad; T. Yamamoto; S. Tanaka; T. Simoyama; S. Okumura; T. Baba; M. Imai; S. Akiyama; Y. Tanaka; S. Ueno</i>	
BIDIRECTIONAL 400-GB/S TRANSMISSION BY 100GBE OPTICAL SUB-ASSEMBLIES AND A CYCLIC ARRAYED WAVEGUIDE GRATING	1846
<i>Y. Doi; T. Ohyama; Y. Nakanishi; T. Yoshimatsu; S. Soma; H. Yamazaki; M. Oguma;</i>	
25.8 GBPS ERROR FREE TRANSMISSION OVER 10 KM AT WAVELENGTHS FROM 1271 TO 1331NM BY UNCOOLED (25 TO 85 C) DIRECTLY MODULATED DFB LASERS FOR 100G-CWDM4	1849
<i>T. Nakajima; T. Fukamachi; M. Akashi; A. Nakamura; Y. Sakuma; S. Hayakawa; R. Washino; M. Mukaikubo; K. Okamoto; K. Motoda; K. Naoe; K. Nakahara; S. Tanaka; K. Uomi;</i>	
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<i>J. Von Hoyningen-Huene; C. Ruprecht;</i>	
A 200-GBPS OFDM LONG-REACH PON OVER 60-KM TRANSMISSION WITHOUT INLINE AND PRE-AMPLIFIER	1879
<i>H. Chen; C. Lin; L. Chen; I. Lu; J. Chen;</i>	
DEMONSTRATION OF NO-GUARD-BAND COHERENT IFDMA/OFDMA/SC-FDMA-PON COEXISTENCE UPLINK SYSTEM USING REAL-TIME IFDMA TRANSMITTER	1882
<i>K. Ishii; K. Onohara; M. Noda; M. Nogami;</i>	
OFDM PON DOWNSTREAM SCHEME WITH SYMBOL PRE-DISTORTION AND SCALABLE RECEIVER FRONTEND	1885
<i>C. Ju; X. Chen; N. Liu;</i>	
42-GBIT/S DIRECTLY MODULATED 64-QAM OFDM WITH 10-GHZ TO-CAN PACKAGED COLORLESS LASER DIODE	1888
<i>Y. Chi; C. Lin; M. Cheng; C. Tsai; G. Lin;</i>	
COST BENEFITS OF ASYMMETRIC IP-OVER-DWDM NETWORKS WITH ELASTIC TRANSCEIVERS	1891
<i>A. Morea; D. Verchere; A. Lord;</i>	
EVALUATION OF IMPACT OF TRAFFIC ASYMMETRY ON PERFORMANCE OF ELASTIC OPTICAL NETWORKS	1894
<i>K. Walkowiak; R. Goscien; M. Klinkowski;</i>	
ELASTIC BLACK LINK FOR FUTURE VENDOR INDEPENDENT OPTICAL NETWORKS	1897
<i>M. Gunkel; A. Mattheus; A. Napoli; G. Meloni; F. Fresi; T. Rahman;</i>	
IMPACT OF ADAPTIVE MODULATION ON COST EFFICIENT TRAFFIC GROOMING IN ELASTIC OPTICAL NETWORKS	1900
<i>Y.-. Takita; K. Tajima; T. Hashiguchi; T. Katagiri; T. Naito;</i>	

IMPACT OF GROOMING ARCHITECTURE OF TRANSPORT NODES IN LINE INTERFACE COUNT FOR MULTI-PERIOD PLANNING	1903
<i>R. M. Morais; J. Pedro; P. Monteiro; A. N. Pinto; R. M. Morais; P. Monteiro; A. N. Pinto; J. Pedro;</i>	
RESIDUAL CAPACITY AWARE DYNAMIC CONTROL OF GRE-BASED ROUTING OPTICAL PATH NETWORKS UNDER TRAFFIC GROWTH MODEL.....	1906
<i>Y. Terada; Y. Mori; H. Hasegawa; K. Sato;</i>	
THE MANIPULATED ROTATING BPSK TECHNIQUE COMPATIBLE WITH CONVENTIONAL CMA ALGORITHM	1909
<i>T. Zeng; Y. Pan; M. Luo; Y. Wang; R. Hu; Q. Yang; S. Yu;</i>	
ON THE SOA CASCADABILITY AND DESIGN RULES FOR OPTICAL PACKET-SWITCHED NETWORKS.....	1912
<i>M. Mestre; P. Jenneve; H. Mardoyan; A. Ghazisaeidi; S. Bigo; G. De Valicourt;</i>	
MULTI-WAVELENGTH IN-BAND OSNR MONITORING BASED ON LYOT-SAGNAC INTERFEROMETER.....	1915
<i>N. An; J. Qiu; Z. Huang; B. Yuan; D. Kong; J. Wu;</i>	
DEMONSTRATION OF MULTI-HOP OPTICAL PACKET SWITCHING AND TRANSMISSION USING SOA-BASED OPTICAL PACKET SWITCHES	1918
<i>S. Shinada; R. S. Luis; H. Furukawa; N. Wada;</i>	
MULTIFUNCTIONAL ALL-OPTICAL SIGNAL PROCESSING SCHEME FOR SIMULTANEOUS MULTICHANNEL WDM MULTICAST AND XOR LOGIC GATES BASED ON FWM IN QD-SOA.....	1921
<i>D. Wang; M. Zhang; J. Qin;</i>	
OPTICAL COMB-BASED VERSATILE WAVELENGTH DIVISION MULTICASTING ADD-DROP NODE FOR EFFICIENT WDM NETWORKS.....	1924
<i>J. Sakaguchi; T. Sakamoto; A. Kanno; Y. Awaji; N. Wada; T. Kawanishi;</i>	
SIMPLE RECEIVING SCHEME IN 100-GHZ DD OFDM ROF SYSTEMS EMPLOYING LOW-SAMPLING-RATE ADCS AND DIGITAL PREPROCESS.....	1927
<i>C. Wei;</i>	
IMPACT OF WDM CHANNEL SPACING ON MILLIMETER-WAVE WIRELESS ACCESS USING WIRELESS COHERENT RADIO-OVER-FIBER (CROF) CHANNELS	1930
<i>R. Chuenchom; S. Babel; M. Steeg; A. Stohr;</i>	
100~200-GHZ OPTICAL MM-WAVE GENERATION BY ONE MODULATOR AND ITS APPLICATION IN 64QAM W-BAND SIGNAL TRANSMISSION SYSTEM	1933
<i>X. Li; J. Yu; J. Xiao; Y. Xu; Z. Zhang; L. Chen;</i>	
CARRIER RECOVERY TECHNIQUES FOR SEMICONDUCTOR LASER FREQUENCY NOISE FOR 28 GBD DP-16QAM	1936
<i>M. Iglesias Olmedo; R. Schatz; S. Popov;</i>	
ADVANCED DETECTION OF SUPER-NYQUIST WDM QPSK SIGNALS WITH 5-BIT/S/HZ SPECTRAL EFFICIENCY	1939
<i>S. Chen; J. Zhang;</i>	
LINEARITY REQUIREMENTS OF QAM TRANSMITTERS	1942
<i>S. Hughes; J. Pan; J. Langston; P. Isautier; S. Ralph;</i>	
TRANSCEIVER-LIMITED HIGH SPECTRAL EFFICIENCY NYQUIST-WDM SYSTEMS.....	1945
<i>D. Millar; T. Koike-Akino; K. Kojima; K. Parsons;</i>	
PDL-TOLERANT SIGNAL GENERATION BY DIGITAL SPECTRUM SLICING AND POLARIZATION CONTROL	1948
<i>T. Tanimura; T. Oyama; H. Nakashima; J. C. Rasmussen;</i>	
4D-CMA: ENABLING SEPARATION OF CHANNEL COMPENSATION AND POLARIZATION DEMULTIPLEX	1951
<i>F. Buchali; H. Buelow; K. Schuh; W. Idler;</i>	
PERFORMANCE AND ADVANTAGES OF 100 GB/S QPSK/8QAM HYBRID MODULATION FORMATS	1954
<i>F. Buchali; W. Idler; L. Schmalen; K. Schuh;</i>	
COMPARATIVE DIGITAL MITIGATIONS OF DAC CLOCK TONE LEAKAGE IN A SINGLE-CARRIER 400G SYSTEM	1957
<i>Y. Zhu; W. Peng; Y. Cui; C. Kan; F. Zhu; Y. Bai;</i>	
GENERATION OF 448-GBPS OTDM-PDM-16QAM SIGNAL WITH AN INTEGRATED MODULATOR USING ORTHOGONAL CSRZ PULSE	1960
<i>H. Yamazaki; T. Goh; T. Hashimoto;</i>	
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<i>W. Ng; A. T. Nguyen; C. Park; L. A. Rusch;</i>	

PERFORMANCE OF JOINT ITERATIVE DETECTION AND DECODING IN COHERENT OPTICAL CHANNELS	1966
<i>M. Castrillón; D. A. Morero; M. R. Hueda;</i>	
AGNOSTIC SOFTWARE-DEFINED COHERENT OPTICAL RECEIVER PERFORMING TIME-DOMAIN HYBRID MODULATION FORMAT RECOGNITION.....	1969
<i>P. Isautier; J. Langston; J. Pan; S. Ralph;</i>	
ADDITION OF IN-BAND CROSSTALK TO THE GAUSSIAN NOISE MODEL	1972
<i>J. Pan; P. Isautier; S. Ralph;</i>	
LDPC CODED MODULATION WITH PROBABILISTIC SHAPING FOR OPTICAL FIBER SYSTEMS	1975
<i>T. Fehenberger; G. B cherer; N. Hanik;</i>	
OPTOELECTRONIC METHOD FOR DISTRIBUTED COMPENSATION OF XPM IN LONG HAUL WDM SYSTEMS	1978
<i>B. Foo; B. Corcoran; A. Lowery;</i>	
TWO ORTHOGONAL CARRIERS ASSISTED 82-GB/S DUAL-BAND DDO-OFDM TRANSMISSION OVER 320-KM SSMF	1981
<i>Z. Zhang; J. Xu;</i>	
DESIGN OF ENHANCED CHANNEL EQUALIZERS FOR ADAPTIVE ZERO-GUARD-INTERVAL CO-OFDM SYSTEMS	1984
<i>W. Wang; Q. Zhuge; Y. Gao; D. Plant;</i>	
PERFORMANCE OPTIMIZATION IN ROADM-ENABLED DWDM SYSTEMS USING FLEXIBLE MODULATION FORMATS	1987
<i>W. Wang; Q. Zhuge; Y. Gao; X. Xu; D. Plant;</i>	
PARALLEL SPLIT-STEP METHOD FOR DIGITAL BACKPROPAGATION	1990
<i>F. P. Guiomar; S. B. Amado; C. S. Martins; A. N. Pinto;</i>	
ADAPTIVE PRE-EQUALIZATION USING BIDIRECTIONAL PILOT SEQUENCES TO ESTIMATE AND FEED BACK AMPLITUDE TRANSFER FUNCTION AND CHROMATIC DISPERSION	1993
<i>S. Okamoto; M. Yoshida; K. Yonenaga; T. Kataoka;</i>	
6.27 BIT/S/HZ SPECTRAL EFFICIENCY VCSEL-BASED COHERENT COMMUNICATION OVER 800KM OF SMF	1996
<i>G. Meloni; A. Malacarne; L. Potfi;</i>	
NOISE CHARACTERIZATION AND TRANSMISSION EVALUATION OF UNREPEATED RAMAN AMPLIFIED DP-16QAM LINK	1999
<i>X. Pang; G. Jacobsen;</i>	
COMPARISON BETWEEN SQUARE AND STEPPED-SQUARE QAM FOR OPTICAL TRANSMISSION	2002
<i>A. Awadalla; K. Wu;</i>	
EXPERIMENTAL INVESTIGATION ON CROSSTALK OF FSK SUPERVISORY SIGNAL IN ROADM NETWORKS	2005
<i>G. Huang; G. Nakagawa; S. Oda; K. Sone; S. Yoshida; Y. Aoki; J. C. Rasmussen;</i>	
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<i>T. Kurosu; S. Suda; T. Inoue; J. Kurumida; S. Namiki; J. Kawamoto; T. Nakatogawa;</i>	
FIRST DEMONSTRATION OF SERVICE-DIFFERENTIATED CONVERGED OPTICAL SUB-WAVELENGTH AND LTE/WIFI NETWORKS OVER GEANT	2011
<i>B. Rahimzadeh Rofoee; Y. Yan; Y. Shu; A. Tzanakaki; G. S. Zervas; D. E. Simeonidou; K. Katsalis; T. Korakis; L. Tassiulas;</i>	
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<i>D. Marconett; S. Yoo;</i>	
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<i>Y. Zhu; K. K. Goo; Y. Liang; Q. Zhang; X. Wang; P. Palacharla; M. Sekiya;</i>	
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<i>Y. Zhu; Y. Liang; K. K. Goo; Q. Zhang; X. Wang; P. Palacharla; M. Sekiya;</i>	
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<i>H. Le; L. Liu; S. Yoo;</i>	

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<i>A. Mayoral Lspez De Lerma; R. Vilalta; R. Muoz; R. Casellas; R. Martinez;</i>	
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<i>V. Lopez; O. Gonzalez De Dios; L. Miguel; J. Foster; H. Silva; L. Blair; J. Marsella; T. Szrykowiec; A. Autenrieth; C. Liou; A. Sadasivarao; S. Syed; J. Sunjun; B. Rao; F. Zhang;</i>	
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<i>Y. Li; N. Hua; X. Zheng; Y. Li; N. Hua; X. Zheng</i>	
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