

# 2019 Index

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This index covers all technical items—papers, correspondence, reviews, etc.—that appeared in this periodical during 2019, and items from previous years that were commented upon or corrected in 2019. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and article number. Article numbers are based on specified topic areas and corresponding codes associated with the publication. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and associated article number. Note that the item title is found only under the primary entry in the Author Index.

#### AUTHOR INDEX

##### A

- Adams, M.J.**, see Cemlyn, B.R., *JQE Dec. 2019 2400409*  
**Adams, R.**, see Wang, Z., *JQE Dec. 2019 8400206*  
**Adib, G.A.**, see Selim, M.A., *JQE Feb. 2019 6500208*  
**Affouda, C.A.**, see Nolde, J.A., *JQE April 2019 7200111*  
**Aifer, E.H.**, see Nolde, J.A., *JQE April 2019 7200111*  
**Akasaki, I.**, see Han, D., *JQE Aug. 2019 3200311*  
**Algani, C.**, see Nanni, J., *JQE Aug. 2019 4600109*  
**Alugubelli, S.R.**, see Mehta, K., *JQE June 2019 9700101*  
**Annovazzi-Lodi, V.**, and Aromataris, G., Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection; *JQE April 2019 8000105*  
**Aromataris, G.**, see Annovazzi-Lodi, V., *JQE April 2019 8000105*  
**Arsenijevic, D.**, see Quandt, D., *JQE June 2019 2000807*  
**Arslan, Y.**, see Oguz, F., *JQE Aug. 2019 4200105*  
**Ashiq, M.A.**, see Tiaz, G., *JQE Aug. 2019 9200110*  
**Asryan, L.V.**, and Kar, S., Modulation Bandwidth of Double Tunneling-Injection Quantum Dot Lasers: Effect of Out-Tunneling Leakage; *JQE Feb. 2019 2000109*  
**Avelin, T.**, Tamir, Z., Levine, A., and Horowitz, M., Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal; *JQE Aug. 2019 1400109*

##### B

- Bandelow, U.**, see Zeghuzi, A., *JQE April 2019 2000207*  
**Barzegar-Parizi, S.**, and Khavasi, A., Designing Dual-Band Absorbers by Graphene/Metallic Metasurfaces; *JQE April 2019 7300108*  
**Beecher, S.**, see Uren, R., *JQE Oct. 2019 1700109*  
**Bek, A.**, see Oguz, F., *JQE Aug. 2019 4200105*  
**Belyanin, A.**, see Elkin, N.N., *JQE June 2019 2300210*  
**Bennett, M.F.**, see Nolde, J.A., *JQE April 2019 7200111*  
**Bente, E.A.J.M.**, see Lenstra, D., *JQE Dec. 2019 2001207*  
**Bimberg, D.H.**, see Quandt, D., *JQE June 2019 2000807*  
**Botez, D.**, see Elkin, N.N., *JQE June 2019 2300210*  
**Boucher, Y.G.**, and Feron, P., Parity-Time Symmetry in Laterally Coupled Bragg Waveguides; *JQE Dec. 2019 6000209*  
**Bowers, J.E.**, see Buffolo, M., *JQE June 2019 2000607*  
**Bowers, J.E.**, see Norman, J.C., *JQE April 2019 2000511*  
**Bowers, J.E.**, see Norman, J.C., *JQE Dec. 2019 2001111*  
**Boyle, C.A.**, see Elkin, N.N., *JQE June 2019 2300210*  
**Brasse, G.**, see Loiko, P., *JQE Dec. 2019 1700212*  
**Braud, A.**, see Loiko, P., *JQE Dec. 2019 1700212*

- Buffolo, M.**, Meneghini, M., Samparisi, F., De Santi, C., Jung, D., Norman, J., Bowers, J.E., Herrick, R.W., Meneghesso, G., and Zanonì, E., Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers; *JQE June 2019 2000607*

##### C

- Calabretta, N.**, see Cardarelli, S., *JQE Feb. 2019 6300110*  
**Camy, P.**, see Loiko, P., *JQE Dec. 2019 1700212*  
**Canedy, C.L.**, see Nolde, J.A., *JQE April 2019 7200111*  
**Cardarelli, S.**, Calabretta, N., D'Agostino, D., Stabile, R., and Williams, K.A., Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit; *JQE Feb. 2019 6300110*  
**Cemlyn, B.R.**, Henning, I.D., Adams, M.J., Harbord, E., Oulton, R., Korpijarvi, V., and Guina, M., Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser; *JQE Dec. 2019 2400409*  
**Chai, L.**, see Su, J., *JQE Aug. 2019 8600205*  
**Chang, B.**, see Wang, X., *JQE Dec. 2019 6800408*  
**Chang, C.**, see Li, H., *JQE Feb. 2019 3200104*  
**Chembo, Y.K.**, see Mbe, J.H.T., *JQE Aug. 2019 5000106*  
**Chen, B.**, see Chen, Y., *JQE Feb. 2019 4400108*  
**Chen, B.**, see Deng, Z., *JQE Aug. 2019 4000205*  
**Chen, C.**, Chen, H., Liao, J., Yu, C., and Wu, M., Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display; *JQE April 2019 3300106*  
**Chen, H.**, see Chen, C., *JQE April 2019 3300106*  
**Chen, J.**, see Li, S., *JQE Aug. 2019 9200205*  
**Chen, L.**, Sun, X.W., Zhou, M., Zhang, X., Song, Z., Hou, Y., Lin, X., Zhao, J., Lien, S.C.A., and Zhang, S., A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle; *JQE Dec. 2019 7000206*  
**Chen, L.R.**, see Wang, Z., *JQE Dec. 2019 8400206*  
**Chen, X.**, see Huang, L., *JQE Feb. 2019 8700109*  
**Chen, Y.**, and Chen, B., Design of InP-Based High-Speed Photodiode for  $2\text{-}\mu\text{m}$  Wavelength Application; *JQE Feb. 2019 4400108*  
**Chen, Z.**, see Jiang, S., *JQE Oct. 2019 2000910*  
**Chen, Z.**, see Wan, L., *JQE Oct. 2019 6100306*  
**Cheng, J.**, see Ma, Y., *JQE Dec. 2019 4200208*  
**Chevallier, R.**, see Zhang, Y., *JQE Feb. 2019 4000106*  
**Chizhevsky, V.N.**, and Kovalenko, S.A., Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback; *JQE Oct. 2019 2400207*  
**Chow, W.W.**, see Norman, J.C., *JQE April 2019 2000511*  
**Clarkson, W.A.**, see Uren, R., *JQE Oct. 2019 1700109*  
**Cleveland, E.R.**, see Nolde, J.A., *JQE April 2019 7200111*

##### D

- D'Agostino, D.**, see Cardarelli, S., *JQE Feb. 2019 6300110*  
**Dai, J.**, see Yakovlev, A.I., *JQE Oct. 2019 7000108*  
**Dai, P.**, see Huang, L., *JQE Feb. 2019 8700109*  
**De Santi, C.**, see Buffolo, M., *JQE June 2019 2000607*  
**De Vido, M.**, see Sawicka-Chyla, M., *JQE Oct. 2019 5100108*  
**Debernardi, P.**, Tibaldi, A., and Orta, R., Mastering Lateral Radiation Losses in Tunable VCSELs; *JQE Feb. 2019 2400108*  
**Dehzangi, A.**, see Zhang, Y., *JQE Feb. 2019 4000106*  
**Deka, S.S.**, see Jiang, S., *JQE Oct. 2019 2000910*  
**Deng, S.**, see Ma, Y., *JQE Dec. 2019 4200208*  
**Deng, Z.**, Guo, D., Huang, J., Liu, H., Wu, J., and Chen, B., Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate; *JQE Aug. 2019 4000205*

**Dernaika, M.**, *see* Shortiss, K., *JQE Dec. 2019 1400206*  
**Deschenes, J.**, *see* Hebert, N.B., *JQE Aug. 2019 8700311*  
**Detchprohm, T.**, *see* Mehta, K., *JQE June 2019 9700101*  
**Detchprohm, T.**, *see* Mehta, K., *JQE Oct. 2019 2400308*  
**Divoky, M.**, *see* Sawicka-Chyla, M., *JQE Oct. 2019 5100108*  
**Doualan, J.**, *see* Loiko, P., *JQE Dec. 2019 1700212*  
**Druon, F.**, *see* Loiko, P., *JQE Dec. 2019 1700212*  
**Dumont, M.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*  
**Dupuis, R.D.**, *see* Mehta, K., *JQE June 2019 9700101*  
**Dupuis, R.D.**, *see* Mehta, K., *JQE Oct. 2019 2400308*

## E

**Earles, T.**, *see* Elkin, N.N., *JQE June 2019 2300210*  
**El Amili, A.**, *see* Jiang, S., *JQE Oct. 2019 2000910*  
**Elkin, N.N.**, Belyanin, A., Napartovich, A.P., Vysotsky, D.V., Sigler, C., Boyle, C.A., Kirch, J.D., Earles, T., Botez, D., and Mawst, L.J., Analysis of Mode Competition in Resonant Leaky-Wave Coupled Phase-Locked Arrays of Mid-IR Quantum Cascade Lasers; *JQE June 2019 2300210*  
**Ellis, C.T.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Esquivias, I.**, *see* Rosado, A., *JQE Dec. 2019 2001012*

## F

**Fainman, Y.**, *see* Jiang, S., *JQE Oct. 2019 2000910*  
**Fang, C.**, *see* Jiang, S., *JQE Oct. 2019 2000910*  
**Fang, J.**, *see* Ma, Y., *JQE Dec. 2019 4200208*  
**Fathpour, S.**, *see* Malinowski, M., *JQE June 2019 6000107*  
**Feron, P.**, *see* Boucher, Y.G., *JQE Dec. 2019 6000209*

## G

**Gao, Y.**, *see* Sun, Y., *JQE Feb. 2019 6500107*  
**Genest, J.**, *see* Hebert, N.B., *JQE Aug. 2019 8700311*  
**Ghafoor, F.**, *see* Tiaz, G., *JQE Aug. 2019 9200110*  
**Gong, H.**, *see* Ma, Y., *JQE Dec. 2019 4200208*  
**Gossard, A.C.**, *see* Norman, J.C., *JQE April 2019 2000511*  
**Gossard, A.C.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*  
**Gu, Y.**, *see* Ma, Y., *JQE Dec. 2019 4200208*  
**Guillemot, L.**, *see* Loiko, P., *JQE Dec. 2019 1700212*  
**Guina, M.**, *see* Cemlyn, B.R., *JQE Dec. 2019 2400409*  
**Guo, D.**, *see* Deng, Z., *JQE Aug. 2019 4000205*  
**Guo, H.**, *see* Li, S., *JQE Aug. 2019 9200205*  
**Gutierrez, A.V.**, *see* Rosado, A., *JQE Dec. 2019 2001012*

## H

**Hackiewicz, K.**, Rutkowski, J., and Martyniuk, P., Long-Wavelength Interband Cascade Detector Architectures for Room Temperature Operation; *JQE Aug. 2019 4000306*  
**Haddadi, A.**, *see* Zhang, Y., *JQE Feb. 2019 4000106*  
**Han, D.**, Shin, D., Shim, J., Kamiyama, S., Takeuchi, T., Iwaya, M., and Akasaki, I., Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power-Efficiency Degradation Under High Current Injection; *JQE Aug. 2019 3200311*  
**Han, H.**, Zhang, M.J., and Shore, K.A., Chaos Bandwidth Enhancement of Fabry-Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection; *JQE June 2019 2000708*  
**Hao, J.**, *see* Zhou, Z., *JQE Dec. 2019 7100206*  
**Hao, Y.**, *see* Qu, Y., *JQE April 2019 2000407*  
**Harbord, E.**, *see* Cemlyn, B.R., *JQE Dec. 2019 2400409*  
**Hebert, N.B.**, Michaud-Belleau, V., Deschenes, J., and Genest, J., Self-Correction Limits in Dual-Comb Interferometry; *JQE Aug. 2019 8700311*  
**Henning, I.D.**, *see* Cemlyn, B.R., *JQE Dec. 2019 2400409*  
**Hepp, S.**, *see* Huang, Z., *JQE April 2019 2000307*  
**Herrick, R.W.**, *see* Buffolo, M., *JQE June 2019 2000607*  
**Herrick, R.W.**, *see* Norman, J.C., *JQE April 2019 2000511*

**Herrick, R.W.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*  
**Hideur, A.**, *see* Loiko, P., *JQE Dec. 2019 1700212*  
**Horowitz, M.**, *see* Avelin, T., *JQE Aug. 2019 1400109*  
**Hou, G.**, *see* Sun, F., *JQE Feb. 2019 2600107*  
**Hou, Y.**, *see* Chen, L., *JQE Dec. 2019 7000206*  
**Hu, M.**, *see* Su, J., *JQE Aug. 2019 8600205*  
**Huang, H.**, *see* Li, H., *JQE Feb. 2019 3200104*  
**Huang, J.**, *see* Deng, Z., *JQE Aug. 2019 4000205*  
**Huang, L.**, Dai, P., and Chen, X., Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source; *JQE Feb. 2019 8700109*  
**Huang, Z.**, Zimmer, M., Hepp, S., Jetter, M., and Michler, P., Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm; *JQE April 2019 2000307*

## I

**Inoue, K.**, A Traveling-Wave Model for a Pulse-Pumped Degenerate Optical Parametric Oscillator in a Long Ring Cavity; *JQE Oct. 2019 6100206*  
**Islam, A.B.M.H.**, Shim, J., and Shin, D., Measurement of the Piezoelectric Field in InGaN/AlGaInP Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy; *JQE Oct. 2019 3200307*  
**Iwaya, M.**, *see* Han, D., *JQE Aug. 2019 3200311*

## J

**Jackson, E.M.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Jafari, R.**, and Trebino, R., Highly Reliable Frequency-Resolved Optical Gating Pulse-Retrieval Algorithmic Approach; *JQE Aug. 2019 8600107*  
**Jeong, H.**, *see* Mehta, K., *JQE June 2019 9700101*  
**Jeong, H.**, *see* Mehta, K., *JQE Oct. 2019 2400308*  
**Jetter, M.**, *see* Huang, Z., *JQE April 2019 2000307*  
**Ji, X.**, *see* Wan, L., *JQE Oct. 2019 6100306*  
**Jiang, S.**, Pan, S.H., Deka, S.S., Fang, C., Chen, Z., Fainman, Y., and El Amili, A., Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo-Dielectric Nanolasers; *JQE Oct. 2019 2000910*  
**Jiao, Y.**, *see* Reniers, S.F.G., *JQE Dec. 2019 6400107*  
**Jin, X.**, *see* Wang, Z., *JQE Dec. 2019 8400206*  
**Ju, Y.**, *see* Wang, X., *JQE Dec. 2019 6800408*  
**Jung, D.**, *see* Buffolo, M., *JQE June 2019 2000607*  
**Jung, D.**, *see* Norman, J.C., *JQE April 2019 2000511*  
**Jung, D.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*

## K

**Kamaha, J.S.D.**, *see* Mbe, J.H.T., *JQE Aug. 2019 5000106*  
**Kamiyama, S.**, *see* Han, D., *JQE Aug. 2019 3200311*  
**Kang, Z.**, Long, K., Yu, C., Xu, F., Yuan, J., Li, F., Yan, B., Zhou, X., Wu, Q., Wang, K., and Sang, X., Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber; *JQE April 2019 6800209*  
**Kar, S.**, *see* Asryan, L.V., *JQE Feb. 2019 2000109*  
**Kennedy, M.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*  
**Khalil, D.**, *see* Selim, M.A., *JQE Feb. 2019 6500208*  
**Khalil, M.**, *see* Wang, Z., *JQE Dec. 2019 8400206*  
**Khavasi, A.**, *see* Barzegar-Parizi, S., *JQE April 2019 7300108*  
**Kim, C.S.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Kim, M.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Kirch, J.D.**, *see* Elkin, N.N., *JQE June 2019 2300210*  
**Knigge, A.**, *see* Zeghuzi, A., *JQE April 2019 2000207*  
**Koester, J.**, *see* Zeghuzi, A., *JQE April 2019 2000207*  
**Kong, X.**, *see* Tian, X., *JQE Dec. 2019 9600103*  
**Korpjarvi, V.**, *see* Cemlyn, B.R., *JQE Dec. 2019 2400409*  
**Kovalenko, S.A.**, *see* Chizhevsky, V.N., *JQE Oct. 2019 2400207*  
**Kunkel, W.M.**, and Leger, J.R., Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback; *JQE Aug. 2019 1600108*  
**Kuo, S.**, *see* Li, H., *JQE Feb. 2019 3200104*

## L

- Lanzagorta, M.**, and Uhlmann, J., Theoretical Foundations for Design of a Quantum Wigner Interferometer; *JQE Feb. 2019 8700207*
- Leger, J.R.**, see Kunkel, W.M., *JQE Aug. 2019 1600108*
- Lenstra, D.**, van Schaijk, T.T.M., and Bente, E.A.J.M., Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning; *JQE Dec. 2019 2001207*
- Levine, A.**, see Avelin, T., *JQE Aug. 2019 1400109*
- Li, F.**, see Kang, Z., *JQE April 2019 6800209*
- Li, H.**, Chang, C., Kuo, S., Wu, H., Huang, H., and Lu, T., Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells; *JQE Feb. 2019 3200104*
- Li, J.**, see Yakovlev, A.I., *JQE Oct. 2019 7000108*
- Li, S.**, Chen, J., and Guo, H., An Investigation on Radiation Trapping and Quenching in Optically Pumped Atomic Vapor Cell; *JQE Aug. 2019 9200205*
- Li, X.**, see Ma, Y., *JQE Dec. 2019 4200208*
- Li, X.**, see Yakovlev, A.I., *JQE Oct. 2019 7000108*
- Li, Y.**, see Wang, X., *JQE June 2019 6800308*
- Li, Y.**, see Wang, X., *JQE Dec. 2019 6800408*
- Liao, J.**, see Chen, C., *JQE April 2019 3300106*
- Lien, S.C.A.**, see Chen, L., *JQE Dec. 2019 7000206*
- Lin, L.**, see Qu, Y., *JQE April 2019 2000407*
- Lin, X.**, see Chen, L., *JQE Dec. 2019 7000206*
- Liu, E.**, Yu, Z., Yin, C., and Xu, K., Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems; *JQE Oct. 2019 8000305*
- Liu, G.**, see Tian, X., *JQE Dec. 2019 9600103*
- Liu, H.**, see Zhou, Z., *JQE Dec. 2019 7100206*
- Liu, H.**, see Deng, Z., *JQE Aug. 2019 4000205*
- Liu, S.**, see Norman, J.C., *JQE April 2019 2000511*
- Liu, W.**, see Su, J., *JQE Aug. 2019 8600205*
- Liu, X.**, see Sun, Y., *JQE Feb. 2019 6500107*
- Liu, Y.**, see Mehta, K., *JQE June 2019 9700101*
- Liu, Y.**, see Ma, Y., *JQE Dec. 2019 4200208*
- Liu, Y.**, see Mehta, K., *JQE Oct. 2019 2400308*
- Loiko, P.**, Camy, P., Souillard, R., Guillemot, L., Brasse, G., Doualan, J., Braud, A., Tyazhev, A., Hideur, A., and Druon, F., Efficient Tm:LiYF<sub>4</sub> Lasers at ~2.3  $\mu\text{m}$ : Effect of Energy-Transfer Upconversion; *JQE Dec. 2019 1700212*
- Long, K.**, see Kang, Z., *JQE April 2019 6800209*
- Lu, T.**, see Li, H., *JQE Feb. 2019 3200104*
- Lucianetti, A.**, see Sawicka-Chyla, M., *JQE Oct. 2019 5100108*
- Lyakh, A.**, see Shu, H., *JQE Feb. 2019 2300107*

## M

- Ma, M.**, see Wang, Z., *JQE Dec. 2019 8400206*
- Ma, Y.**, Fang, J., Deng, S., Cheng, J., Gu, Y., Liu, Y., Zhang, Y., Shao, X., Li, X., and Gong, H., Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays; *JQE Dec. 2019 4200208*
- Malinowski, M.**, and Fathpour, S., Fully-Tensorial Modeling of Stimulated Brillouin Scattering in Photonic Waveguides; *JQE June 2019 6000107*
- Martyniuk, P.**, see Hackiewicz, K., *JQE Aug. 2019 4000306*
- Mawst, L.J.**, see Elkin, N.N., *JQE June 2019 2300210*
- Mbe, J.H.T.**, Kamaha, J.S.D., Chembo, Y.K., and Wofo, P., Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters; *JQE Aug. 2019 5000106*
- Mehrany, K.**, see Saba, A., *JQE June 2019 6500308*
- Mehta, K.**, Shen, S., Dupuis, R.D., Yoder, P.D., Liu, Y., Wang, J., Jeong, H., Detchprohm, T., Park, Y.J., Alugubelli, S.R., Wang, S., and Ponce, F.A., Corrections to "Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices" [Aug 18 Art. no. 2400507]; *JQE June 2019 9700101*
- Mehta, K.**, Liu, Y., Wang, J., Jeong, H., Detchprohm, T., Dupuis, R.D., and Yoder, P.D., Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations; *JQE Oct. 2019 2400308*

- Memarian, M.**, see Saba, A., *JQE June 2019 6500308*
- Meneghesso, G.**, see Buffolo, M., *JQE June 2019 2000607*
- Meneghini, M.**, see Buffolo, M., *JQE June 2019 2000607*
- Meyer, J.R.**, see Nolde, J.A., *JQE April 2019 7200111*
- Michaud-Belleau, V.**, see Hebert, N.B., *JQE Aug. 2019 8700311*
- Michler, P.**, see Huang, Z., *JQE April 2019 2000307*
- Mocek, T.**, see Sawicka-Chyla, M., *JQE Oct. 2019 5100108*
- Morimoto, K.**, and Tsuji, Y., Analysis of Multiple Waveguide Discontinuities Using Propagation Operator Method and Beam Propagation Method; *JQE Aug. 2019 6100108*

## N

- Nanni, J.**, Tegeghe, Z.G., Viana, C., Tartarini, G., Algani, C., and Polleux, J., SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm; *JQE Aug. 2019 4600109*
- Napartovich, A.P.**, see Elkin, N.N., *JQE June 2019 2300210*
- Nishad, K.K.**, see Tiwari, N., *JQE April 2019 3200207*
- Nolde, J.A.**, Affouda, C.A., Ellis, C.T., Vurgaftman, I., Meyer, J.R., Aifer, E.H., Jackson, E.M., Warren, M.V., Canedy, C.L., Tomasulo, S., Bennett, M.F., Kim, M., Cleveland, E.R., and Kim, C.S., Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber; *JQE April 2019 7200111*
- Norman, J.**, see Buffolo, M., *JQE June 2019 2000607*
- Norman, J.C.**, Bowers, J.E., Jung, D., Zhang, Z., Wan, Y., Liu, S., Shang, C., Herrick, R.W., Chow, W.W., and Gossard, A.C., A Review of High-Performance Quantum Dot Lasers on Silicon; *JQE April 2019 2000511*
- Norman, J.C.**, Zhang, Z., Shang, C., Kennedy, M., Dumont, M., Herrick, R.W., Gossard, A.C., and Bowers, J.E., The Importance of p-Doping for Quantum Dot Laser on Silicon Performance; *JQE Dec. 2019 2001111*

## O

- Oguz, F.**, Arslan, Y., Ulker, E., Bek, A., and Ozbay, E., Fabrication of 15- $\mu\text{m}$  Pitch 640  $\times$  512 InAs/GaSb Type-II Superlattice Focal Plane Arrays; *JQE Aug. 2019 4200105*
- Orta, R.**, see Debernardi, P., *JQE Feb. 2019 2400108*
- Oulton, R.**, see Cemlyn, B.R., *JQE Dec. 2019 2400409*
- Ozbay, E.**, see Oguz, F., *JQE Aug. 2019 4200105*

## P

- Palashov, O.V.**, see Yakovlev, A.I., *JQE Oct. 2019 7000108*
- Pan, S.H.**, see Jiang, S., *JQE Oct. 2019 2000910*
- Pandey, R.K.**, see Tiwari, N., *JQE April 2019 3200207*
- Pang, F.**, see Wang, X., *JQE June 2019 6800308*
- Pang, F.**, see Wang, X., *JQE Dec. 2019 6800408*
- Park, Y.J.**, see Mehta, K., *JQE June 2019 9700101*
- Peng, H.**, see Sun, F., *JQE Feb. 2019 2600107*
- Perez-Serrano, A.**, see Rosado, A., *JQE Dec. 2019 2001012*
- Pesquera, L.**, see Rosado, A., *JQE Dec. 2019 2001012*
- Peters, F.H.**, see Shortiss, K., *JQE Dec. 2019 1400206*
- Polleux, J.**, see Nanni, J., *JQE Aug. 2019 4600109*
- Ponce, F.A.**, see Mehta, K., *JQE June 2019 9700101*
- Pu, J.**, see Wan, L., *JQE Oct. 2019 6100306*

## Q

- Qian, L.**, see Tong, J., *JQE Dec. 2019 4000406*
- Qu, Y.**, Xiang, S., Wang, Y., Lin, L., Wen, A.J., and Hao, Y., Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections; *JQE April 2019 2000407*
- Quandt, D.**, Arsenijevic, D., Strittmatter, A., and Bimberg, D.H., Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers; *JQE June 2019 2000807*



## R

- Radziunas, M.**, *see* Zeghuzi, A., *JQE April 2019 2000207*  
**Razeghi, M.**, *see* Zhang, Y., *JQE Feb. 2019 4000106*  
**Reniers, S.F.G.**, Wang, Y., Williams, K.A., Van Der Tol, J.J.G.M., and Jiao, Y., Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes; *JQE Dec. 2019 6400107*  
**Romanelli, M.**, *see* Thorette, A., *JQE Feb. 2019 2200108*  
**Rosado, A.**, Perez-Serrano, A., Tijero, J.M.G., Gutierrez, A.V., Pesquera, L., and Esquivias, I., Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers; *JQE Dec. 2019 2001012*  
**Roy, S.**, *see* Verma, O.N., *JQE April 2019 8200106*  
**Rutkowski, J.**, *see* Hackiewicz, K., *JQE Aug. 2019 4000306*

## S

- Saba, A.**, Memarian, M., and Mehrany, K., Wideband and Narrowband Circuit Models for Fano-Shape Guided-Mode Resonance; *JQE June 2019 6500308*  
**Sabry, Y.M.**, *see* Selim, M.A., *JQE Feb. 2019 6500208*  
**Samparisi, F.**, *see* Buffolo, M., *JQE June 2019 2000607*  
**Sang, X.**, *see* Kang, Z., *JQE April 2019 6800209*  
**Sarzalá, R.P.**, Spiewak, P., and Wasiak, M., Influence of Resonator Length on Performance of Nitride TJ VCSEL; *JQE Dec. 2019 2400509*  
**Sawicka-Chyla, M.**, Divoky, M., Slezak, O., De Vido, M., Lucianetti, A., and Mocek, T., Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb: YAG Multislab 10 J/100-Hz Laser Amplifier; *JQE Oct. 2019 5100108*  
**Selim, M.A.**, Adib, G.A., Sabry, Y.M., and Khalil, D., Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy; *JQE Feb. 2019 6500208*  
**Shahaliyev, E.**, *see* Tiaz, G., *JQE Aug. 2019 9200110*  
**Shang, C.**, *see* Norman, J.C., *JQE April 2019 2000511*  
**Shang, C.**, *see* Norman, J.C., *JQE Dec. 2019 2001111*  
**Shao, X.**, *see* Ma, Y., *JQE Dec. 2019 4200208*  
**Shayesteh, M.**, *see* Shortiss, K., *JQE Dec. 2019 1400206*  
**Shen, S.**, *see* Mehta, K., *JQE June 2019 9700101*  
**Shim, J.**, *see* Han, D., *JQE Aug. 2019 3200311*  
**Shim, J.**, *see* Islam, A.B.M.H., *JQE Oct. 2019 3200307*  
**Shin, D.**, *see* Han, D., *JQE Aug. 2019 3200311*  
**Shin, D.**, *see* Islam, A.B.M.H., *JQE Oct. 2019 3200307*  
**Shoaei, O.**, *see* Siminfar, A.R., *JQE Oct. 2019 4700109*  
**Shore, K.A.**, *see* Han, H., *JQE June 2019 2000708*  
**Shortiss, K.**, Dernaika, M., Shayesteh, M., and Peters, F.H., The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking; *JQE Dec. 2019 1400206*  
**Shu, H.**, Suttinger, M., and Lyakh, A., Floquet-Bloch Analysis for Distributed Feedback Quantum Cascade Lasers With a Non-Rectangular Top-Metal Grating Profile; *JQE Feb. 2019 2300107*  
**Shu, S.**, *see* Sun, F., *JQE Feb. 2019 2600107*  
**Sigler, C.**, *see* Elkin, N.N., *JQE June 2019 2300210*  
**Siminfar, A.R.**, and Shoaei, O., Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model; *JQE Oct. 2019 4700109*  
**Singh, R.K.**, *see* Wan, L., *JQE Oct. 2019 6100306*  
**Slezak, O.**, *see* Sawicka-Chyla, M., *JQE Oct. 2019 5100108*  
**Smith, C.R.**, *see* Uren, R., *JQE Oct. 2019 1700109*  
**Snetkov, I.L.**, *see* Yakovlev, A.I., *JQE Oct. 2019 7000108*  
**Song, Y.**, *see* Wang, X., *JQE June 2019 6800308*  
**Song, Y.**, *see* Wang, X., *JQE Dec. 2019 6800408*  
**Song, Z.**, *see* Chen, L., *JQE Dec. 2019 7000206*  
**Soulard, R.**, *see* Loiko, P., *JQE Dec. 2019 1700212*  
**Spiewak, P.**, *see* Sarzalá, R.P., *JQE Dec. 2019 2400509*  
**Stabile, R.**, *see* Cardarelli, S., *JQE Feb. 2019 6300110*  
**Strittmatter, A.**, *see* Quandt, D., *JQE June 2019 2000807*  
**Su, J.**, Chai, L., Liu, W., and Hu, M., Mechanism and Implementation of a Bidirectional-Pumped Femtosecond Optical Parametric Oscillator With Single Cavity and Single Crystal; *JQE Aug. 2019 8600205*

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**Sun, H.**, *see* Wang, Z., *JQE Dec. 2019 8400206*  
**Sun, X.**, *see* Zhou, Z., *JQE Dec. 2019 7100206*  
**Sun, X.W.**, *see* Chen, L., *JQE Dec. 2019 7000206*  
**Sun, Y.**, Gao, Y., Liu, X., Wang, T., and Wang, C., Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics; *JQE Feb. 2019 6500107*  
**Suo, F.**, *see* Tong, J., *JQE Dec. 2019 4000406*  
**Suttinger, M.**, *see* Shu, H., *JQE Feb. 2019 2300107*

## T

- Takeuchi, T.**, *see* Han, D., *JQE Aug. 2019 3200311*  
**Tamir, Z.**, *see* Avelin, T., *JQE Aug. 2019 1400109*  
**Tartarini, G.**, *see* Nanni, J., *JQE Aug. 2019 4600109*  
**Tegegne, Z.G.**, *see* Nanni, J., *JQE Aug. 2019 4600109*  
**Teo, K.**, *see* Zhou, Z., *JQE Dec. 2019 7100206*  
**Thorette, A.**, Romanelli, M., and Vallet, M., Synchronization of Two DFB Lasers Using Frequency-Shifted Feedback for Microwave Photonics; *JQE Feb. 2019 2200108*  
**Tian, S.**, *see* Sun, F., *JQE Feb. 2019 2600107*  
**Tian, X.**, Kong, X., Liu, G., and Zhang, H., Comment on "A Broadband Terahertz Metamaterial Absorber Based on Two Circular Split Rings" *JQE Dec. 2019 9600103*  
**Tiaz, G.**, Shahaliyev, E., Ashiq, M.A., and Ghafoor, F., Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium; *JQE Aug. 2019 9200110*  
**Tibaldi, A.**, *see* Debernardi, P., *JQE Feb. 2019 2400108*  
**Tijero, J.M.G.**, *see* Rosado, A., *JQE Dec. 2019 2001012*  
**Tiwari, N.**, Nishad, K.K., and Pandey, R.K., Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots; *JQE April 2019 3200207*  
**Tomasulo, S.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Tong, C.**, *see* Sun, F., *JQE Feb. 2019 2600107*  
**Tong, J.**, Suo, F., Qian, L., and Zhang, D.H., Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection; *JQE Dec. 2019 4000406*  
**Trebino, R.**, *see* Jafari, R., *JQE Aug. 2019 8600107*  
**Tsuji, Y.**, *see* Morimoto, K., *JQE Aug. 2019 6100108*  
**Tyazhev, A.**, *see* Loiko, P., *JQE Dec. 2019 1700212*

## U

- Uhlmann, J.**, *see* Lanzagorta, M., *JQE Feb. 2019 8700207*  
**Ulker, E.**, *see* Oguz, F., *JQE Aug. 2019 4200105*  
**Uren, R.**, Beecher, S., Smith, C.R., and Clarkson, W.A., Method for Generating High Purity Laguerre–Gaussian Vortex Modes; *JQE Oct. 2019 1700109*

## V

- Vallet, M.**, *see* Thorette, A., *JQE Feb. 2019 2200108*  
**Vamivakas, N.**, *see* Villegas Burgos, C.M., *JQE Oct. 2019 8400110*  
**Van Der Tol, J.J.G.M.**, *see* Reniers, S.F.G., *JQE Dec. 2019 6400107*  
**van Schaijk, T.T.M.**, *see* Lenstra, D., *JQE Dec. 2019 2001207*  
**Verma, O.N.**, and Roy, S., High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium; *JQE April 2019 8200106*  
**Viana, C.**, *see* Nanni, J., *JQE Aug. 2019 4600109*  
**Villegas Burgos, C.M.**, and Vamivakas, N., Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks; *JQE Oct. 2019 8400110*  
**Vurgaftman, I.**, *see* Nolde, J.A., *JQE April 2019 7200111*  
**Vysotsky, D.V.**, *see* Elkin, N.N., *JQE June 2019 2300210*

## W

- Wai, P.K.A.**, see Wang, S.H., *JQE Feb. 2019 6800111*
- Wan, L.**, Ji, X., Singh, R.K., Chen, Z., and Pu, J., Use of Scattering Layer as a Programmable Spectrum Filter; *JQE Oct. 2019 6100306*
- Wan, Y.**, see Norman, J.C., *JQE April 2019 2000511*
- Wang, C.**, see Sun, Y., *JQE Feb. 2019 6500107*
- Wang, D.**, see Wang, Y., *JQE June 2019 8000209*
- Wang, J.**, see Mehta, K., *JQE June 2019 9700101*
- Wang, J.**, see Mehta, K., *JQE Oct. 2019 2400308*
- Wang, K.**, see Kang, Z., *JQE April 2019 6800209*
- Wang, K.**, see Zhou, Z., *JQE Dec. 2019 7100206*
- Wang, L.**, see Sun, F., *JQE Feb. 2019 2600107*
- Wang, L.**, see Sun, F., *JQE Feb. 2019 2600107*
- Wang, S.**, see Mehta, K., *JQE June 2019 9700101*
- Wang, S.H.**, and Wai, P.K.A., Characterization of Polarization Pulling in Fiber Optical Parametric Amplifiers; *JQE Feb. 2019 6800111*
- Wang, T.**, see Sun, Y., *JQE Feb. 2019 6500107*
- Wang, X.**, Song, Y., Pang, F., Li, Y., and Zhang, Q., OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FPM-Based Polarization Controller; *JQE June 2019 6800308*
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- Wang, Y.**, Zhang, H., Wang, D., Zhou, T., Yang, F., Yang, D., and Zhong, X., Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression; *JQE June 2019 8000209*
- Wang, Y.**, see Qu, Y., *JQE April 2019 2000407*
- Wang, Y.**, see Reniers, S.F.G., *JQE Dec. 2019 6400107*
- Wang, Z.**, Ma, M., Sun, H., Khalil, M., Adams, R., Yim, K., Jin, X., and Chen, L.R., Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach-Zehnder Modulators; *JQE Dec. 2019 8400206*
- Warren, M.V.**, see Nolde, J.A., *JQE April 2019 7200111*
- Wasiak, M.**, see Sarzala, R.P., *JQE Dec. 2019 2400509*
- Wen, A.J.**, see Qu, Y., *JQE April 2019 2000407*
- Wen, Z.**, see Zhou, Z., *JQE Dec. 2019 7100206*
- Wenzel, H.**, see Zeghuzi, A., *JQE April 2019 2000207*
- Williams, K.A.**, see Cardarelli, S., *JQE Feb. 2019 6300110*
- Williams, K.A.**, see Reniers, S.F.G., *JQE Dec. 2019 6400107*
- Wofo, P.**, see Mbe, J.H.T., *JQE Aug. 2019 5000106*
- Wu, H.**, see Li, H., *JQE Feb. 2019 3200104*
- Wu, J.**, see Deng, Z., *JQE Aug. 2019 4000205*
- Wu, M.**, see Chen, C., *JQE April 2019 3300106*
- Wu, Q.**, see Kang, Z., *JQE April 2019 6800209*
- Wunsche, H.**, see Zeghuzi, A., *JQE April 2019 2000207*

## X

- Xiang, S.**, see Qu, Y., *JQE April 2019 2000407*
- Xu, B.**, see Zhou, Z., *JQE Dec. 2019 7100206*
- Xu, F.**, see Kang, Z., *JQE April 2019 6800209*
- Xu, K.**, see Liu, E., *JQE Oct. 2019 8000305*

## Y

- Yakovlev, A.I.**, Snetkov, I.L., Palashov, O.V., Dai, J., Li, X., and Li, J., Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics; *JQE Oct. 2019 7000108*
- Yan, B.**, see Kang, Z., *JQE April 2019 6800209*
- Yang, D.**, see Wang, Y., *JQE June 2019 8000209*
- Yang, F.**, see Wang, Y., *JQE June 2019 8000209*
- Yang, Y.**, see Wang, X., *JQE Dec. 2019 6800408*
- Yim, K.**, see Wang, Z., *JQE Dec. 2019 8400206*
- Yin, C.**, see Liu, E., *JQE Oct. 2019 8000305*
- Yoder, P.D.**, see Mehta, K., *JQE June 2019 9700101*
- Yoder, P.D.**, see Mehta, K., *JQE Oct. 2019 2400308*
- Yu, C.**, see Chen, C., *JQE April 2019 3300106*

- Yu, C.**, see Kang, Z., *JQE April 2019 6800209*
- Yu, Z.**, see Liu, E., *JQE Oct. 2019 8000305*
- Yuan, J.**, see Kang, Z., *JQE April 2019 6800209*

## Z

- Zanoni, E.**, see Buffolo, M., *JQE June 2019 2000607*
- Zeghuzi, A.**, Radziunas, M., Wunsche, H., Koester, J., Wenzel, H., Bandelow, U., and Knigge, A., Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers; *JQE April 2019 2000207*
- Zhang, D.H.**, see Tong, J., *JQE Dec. 2019 4000406*
- Zhang, H.**, see Wang, Y., *JQE June 2019 8000209*
- Zhang, H.**, see Tian, X., *JQE Dec. 2019 9600103*
- Zhang, J.**, see Sun, F., *JQE Feb. 2019 2600107*
- Zhang, M.J.**, see Han, H., *JQE June 2019 2000708*
- Zhang, Q.**, see Wang, X., *JQE June 2019 6800308*
- Zhang, Q.**, see Wang, X., *JQE Dec. 2019 6800408*
- Zhang, S.**, see Chen, L., *JQE Dec. 2019 7000206*
- Zhang, W.**, see Zhou, Z., *JQE Dec. 2019 7100206*
- Zhang, X.**, see Chen, L., *JQE Dec. 2019 7000206*
- Zhang, Y.**, Haddadi, A., Dehzangi, A., Chevallier, R., and Razeghi, M., Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors; *JQE Feb. 2019 4000106*
- Zhang, Y.**, see Ma, Y., *JQE Dec. 2019 4200208*
- Zhang, Z.**, see Norman, J.C., *JQE April 2019 2000511*
- Zhang, Z.**, see Norman, J.C., *JQE Dec. 2019 2001111*
- Zhao, J.**, see Chen, L., *JQE Dec. 2019 7000206*
- Zhong, X.**, see Wang, Y., *JQE June 2019 8000209*
- Zhou, M.**, see Chen, L., *JQE Dec. 2019 7000206*
- Zhou, T.**, see Wang, Y., *JQE June 2019 8000209*
- Zhou, X.**, see Kang, Z., *JQE April 2019 6800209*
- Zhou, Z.**, Liu, H., Zhang, W., Wen, Z., Hao, J., Xu, B., Wang, K., Teo, K., and Sun, X., Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing; *JQE Dec. 2019 7100206*
- Zimmer, M.**, see Huang, Z., *JQE April 2019 2000307*

## SUBJECT INDEX

## Numeric

## II-VI semiconductors

- Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing. Zhou, Z., +, *JQE Dec. 2019 7100206*
- Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. Tiwari, N., +, *JQE April 2019 3200207*

## III-V semiconductors

- Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. Tong, J., +, *JQE Dec. 2019 4000406*
- Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. Nolde, J.A., +, *JQE April 2019 7200111*
- Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. Reniers, S.F.G., +, *JQE Dec. 2019 6400107*
- Design of InP-Based High-Speed Photodiode for 2- $\mu$ m Wavelength Application. Chen, Y., +, *JQE Feb. 2019 4400108*
- Fabrication and Characterization of Active-Matrix 960  $\times$  540 Blue GaN-Based Micro-LED Display. Chen, C., +, *JQE April 2019 3300106*
- Fabrication of 15- $\mu$ m Pitch 640  $\times$  512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. Oguz, F., +, *JQE Aug. 2019 4200105*
- Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells. Li, H., +, *JQE Feb. 2019 3200104*
- Influence of Resonator Length on Performance of Nitride TJ VCSEL. Sarzala, R.P., +, *JQE Dec. 2019 2400509*

- Long-Wavelength Interband Cascade Detector Architectures for Room Temperature Operation. *Hackiewicz, K.*, +, *JQE Aug. 2019 4000306*
- Measurement of the Piezoelectric Field in InGaN/AlGaInP Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H.*, +, *JQE Oct. 2019 3200307*
- Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate. *Deng, Z.*, +, *JQE Aug. 2019 4000205*
- Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power-Efficiency Degradation Under High Current Injection. *Han, D.*, +, *JQE Aug. 2019 3200311*
- Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*
- Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers. *Buffolo, M.*, +, *JQE June 2019 2000607*
- Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D.*, +, *JQE June 2019 2000807*
- Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y.*, +, *JQE Feb. 2019 4000106*
- Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*
- Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y.*, +, *JQE Dec. 2019 4200208*
- Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit. *Cardarelli, S.*, +, *JQE Feb. 2019 6300110*

## A

### Aberrations

- Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

### Absorption coefficients

- Influence of Resonator Length on Performance of Nitride TJ VCSEL. *Sarzal, R.P.*, +, *JQE Dec. 2019 2400509*

### Aluminum compounds

- Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. *Nolde, J.A.*, +, *JQE April 2019 7200111*
- Measurement of the Piezoelectric Field in InGaN/AlGaInP Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H.*, +, *JQE Oct. 2019 3200307*
- Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*
- Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y.*, +, *JQE Feb. 2019 4000106*

### Angular momentum

- Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

### Array signal processing

- Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L.*, +, *JQE Feb. 2019 8700109*

### Atom optics

- Theoretical Foundations for Design of a Quantum Wigner Interferometer. *Lanzagorta, M.*, +, *JQE Feb. 2019 8700207*

### Atom-photon collisions

- Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

## B

### Bifurcation

- Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters. *Mbe, J.H.T.*, +, *JQE Aug. 2019 5000106*

### Bipolar transistors

- SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*

### Birefringence

- Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb:YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*
- Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

### Brightness

- A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle. *Chen, L.*, +, *JQE Dec. 2019 7000206*
- Fabrication and Characterization of Active-Matrix 960 × 540 Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*

### Broadband networks

- Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems. *Liu, E.*, +, *JQE Oct. 2019 8000305*

## C

### Cadmium compounds

- Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing. *Zhou, Z.*, +, *JQE Dec. 2019 7100206*
- Long-Wavelength Interband Cascade Detector Architectures for Room Temperature Operation. *Hackiewicz, K.*, +, *JQE Aug. 2019 4000306*

### Cameras

- Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y.*, +, *JQE Feb. 2019 4000106*

### Carbon compounds

- Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z.*, +, *JQE April 2019 6800209*

### Carrier density

- Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers. *Zeghuzi, A.*, +, *JQE April 2019 2000207*

### Ceramics

- Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I.*, +, *JQE Oct. 2019 7000108*

### Cerium

- Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I.*, +, *JQE Oct. 2019 7000108*

### Channel capacity

- All-Fiber Cylindrical Vector Beams Multiplexing Through a Mode-Selective Coupler. *Wang, X.*, +, *JQE Dec. 2019 6800408*

### Chaos

- Chaos Bandwidth Enhancement of Fabry–Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection. *Han, H.*, +, *JQE June 2019 2000708*
- Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters. *Mbe, J.H.T.*, +, *JQE Aug. 2019 5000106*

### Chaotic communication

- Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V.*, +, *JQE April 2019 8000105*

### Color displays

- A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle. *Chen, L.*, +, *JQE Dec. 2019 7000206*

### Conducting polymers

- Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

### Cooling

- Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb:YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*

### Coupled mode analysis

- Parity-Time Symmetry in Laterally Coupled Bragg Waveguides. *Boucher, Y.G.*, +, *JQE Dec. 2019 6000209*
- Wideband and Narrowband Circuit Models for Fano-Shape Guided-Mode Resonance. *Saba, A.*, +, *JQE June 2019 6500308*



**Cryogenics**

Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb: YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*

**Cryptography**

Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V.*, +, *JQE April 2019 8000105*

**Current density**

Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*

Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y.*, +, *JQE Dec. 2019 4200208*

**D****Dark conductivity**

Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. *Tong, J.*, +, *JQE Dec. 2019 4000406*

Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. *Nolde, J.A.*, +, *JQE April 2019 7200111*

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Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y.*, +, *JQE Dec. 2019 4200208*

**Demultiplexing equipment**

The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking. *Shortiss, K.*, +, *JQE Dec. 2019 1400206*

**Dichroism**

Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

**Diffraction gratings**

Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. *Nolde, J.A.*, +, *JQE April 2019 7200111*

Floquet-Bloch Analysis for Distributed Feedback Quantum Cascade Lasers With a Non-Rectangular Top-Metal Grating Profile. *Shu, H.*, +, *JQE Feb. 2019 2300107*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Wideband and Narrowband Circuit Models for Fano-Shape Guided-Mode Resonance. *Saba, A.*, +, *JQE June 2019 6500308*

**Diffusion**

Measurement of the Piezoelectric Field in InGaN/AlGaIn Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H.*, +, *JQE Oct. 2019 3200307*

**Dislocation density**

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

**Distance measurement**

Self-Correction Limits in Dual-Comb Interferometry. *Hebert, N.B.*, +, *JQE Aug. 2019 8700311*

**Distributed Bragg reflector lasers**

Influence of Resonator Length on Performance of Nitride TJ VCSEL. *Sarzal, R.P.*, +, *JQE Dec. 2019 2400509*

**Distributed Bragg reflectors**

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G.*, +, *JQE Dec. 2019 6400107*

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**Distributed feedback lasers**

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**Doping profiles**

Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I.*, +, *JQE Oct. 2019 7000108*

**Doppler effect**

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

**E****Eigenvalues and eigenfunctions**

Parity-Time Symmetry in Laterally Coupled Bragg Waveguides. *Boucher, Y.G.*, +, *JQE Dec. 2019 6000209*

**Elastic constants**

Fully-Tensorial Modeling of Stimulated Brillouin Scattering in Photonic Waveguides. *Malinowski, M.*, +, *JQE June 2019 6000107*

**Elastic waves**

Fully-Tensorial Modeling of Stimulated Brillouin Scattering in Photonic Waveguides. *Malinowski, M.*, +, *JQE June 2019 6000107*

**Elasticity**

Fully-Tensorial Modeling of Stimulated Brillouin Scattering in Photonic Waveguides. *Malinowski, M.*, +, *JQE June 2019 6000107*

**Electro-optical effects**

Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*

**Electro-optical modulation**

Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y.*, +, *JQE June 2019 8000209*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach-Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*

**Electroluminescence**

Fabrication and Characterization of Active-Matrix 960  $\times$  540 Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*

Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers. *Buffolo, M.*, +, *JQE June 2019 2000607*

**Electromagnetic wave absorption**

Comment on "A Broadband Terahertz Metamaterial Absorber Based on Two Circular Split Rings". *Tian, X.*, +, *JQE Dec. 2019 9600103*

Designing Dual-Band Absorbers by Graphene/Metallic Metasurfaces. *Barzegar-Parizi, S.*, +, *JQE April 2019 7300108*

**Electromagnetic wave polarization**

Comment on "A Broadband Terahertz Metamaterial Absorber Based on Two Circular Split Rings". *Tian, X.*, +, *JQE Dec. 2019 9600103*

**Electromagnetic wave reflection**

Comment on "A Broadband Terahertz Metamaterial Absorber Based on Two Circular Split Rings". *Tian, X.*, +, *JQE Dec. 2019 9600103*

**Electron beam lithography**

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G.*, +, *JQE Dec. 2019 6400107*

**Electron-hole recombination**

Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power- Efficiency Degradation Under High Current Injection. *Han, D.*, +, *JQE Aug. 2019 3200311*

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**Electroreflectance**

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**Elemental semiconductors**

Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M.*, +, *JQE Oct. 2019 8400110*

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The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C., +, JQE Dec. 2019 2001111*

#### Epitaxial layers

Efficient Tm:LiYF<sub>4</sub> Lasers at ~2.3  $\mu\text{m}$ : Effect of Energy-Transfer Upconversion. *Loiko, P., +, JQE Dec. 2019 1700212*

#### Error statistics

All-Fiber Cylindrical Vector Beams Multiplexing Through a Mode-Selective Coupler. *Wang, X., +, JQE Dec. 2019 6800408*

OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X., +, JQE June 2019 6800308*

#### Etching

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Fabrication of 15- $\mu\text{m}$  Pitch 640  $\times$  512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F., +, JQE Aug. 2019 4200105*

### F

#### Faraday effect

Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I., +, JQE Oct. 2019 7000108*

#### Fermi level

Designing Dual-Band Absorbers by Graphene/Metallic Metasurfaces. *Barzegar-Parizi, S., +, JQE April 2019 7300108*

#### Fiber optic sensors

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A., +, JQE Feb. 2019 6500208*

#### Finite element analysis

Analysis of Multiple Waveguide Discontinuities Using Propagation Operator Method and Beam Propagation Method. *Morimoto, K., +, JQE Aug. 2019 6100108*

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#### Flip-chip devices

Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells. *Li, H., +, JQE Feb. 2019 3200104*

#### Fluctuations

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo- Dielectric Nanolasers. *Jiang, S., +, JQE Oct. 2019 2000910*

#### Fluorescence

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Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R., +, JQE Oct. 2019 4700109*

#### Focal planes

Fabrication of 15- $\mu\text{m}$  Pitch 640  $\times$  512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F., +, JQE Aug. 2019 4200105*

Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y., +, JQE Dec. 2019 4200208*

#### Frequency-domain analysis

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### G

#### Gallium arsenide

Design of InP-Based High-Speed Photodiode for 2- $\mu\text{m}$  Wavelength Application. *Chen, Y., +, JQE Feb. 2019 4400108*

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#### Gallium compounds

Design of InP-Based High-Speed Photodiode for 2- $\mu\text{m}$  Wavelength Application. *Chen, Y., +, JQE Feb. 2019 4400108*

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#### Gallium nitride

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#### Gas sensors

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A., +, JQE Feb. 2019 6500208*

#### Ge-Si alloys

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J., +, JQE Aug. 2019 4600109*

#### Gold

Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. *Tong, J., +, JQE Dec. 2019 4000406*

#### Graphene

Designing Dual-Band Absorbers by Graphene/Metallic Metasurfaces. *Barzegar-Parizi, S., +, JQE April 2019 7300108*

#### Gravimeters

Theoretical Foundations for Design of a Quantum Wigner Interferometer. *Lanzagorta, M., +, JQE Feb. 2019 8700207*

#### Ground states

Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y., +, JQE Feb. 2019 6500107*

### H

#### Heterojunction bipolar transistors

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J., +, JQE Aug. 2019 4600109*

#### High-speed optical techniques

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C., +, JQE April 2019 2000511*

Highly Reliable Frequency-Resolved Optical Gating Pulse-Retrieval Algorithmic Approach. *Jafari, R., +, JQE Aug. 2019 8600107*

Mechanism and Implementation of a Bidirectional-Pumped Femtosecond Optical Parametric Oscillator With Single Cavity and Single Crystal. *Su, J., +, JQE Aug. 2019 8600205*

#### High-temperature effects

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#### Holey fibers

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**Holmium**

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**I****Image resolution**

High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N., +, JQE April 2019 8200106*

**Indium compounds**

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Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit. *Cardarelli, S., +, JQE Feb. 2019 6300110*

**Infrared detectors**

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**Infrared imaging**

Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y., +, JQE Feb. 2019 4000106*

**Infrared spectra**

Designing Dual-Band Absorbers by Graphene/Metallic Metasurfaces. *Barzegar-Parizi, S., +, JQE April 2019 7300108*

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**Inhomogeneous media**

Use of Scattering Layer as a Programmable Spectrum Filter. *Wan, L., +, JQE Oct. 2019 6100306*

**Ink jet printing**

Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing. *Zhou, Z., +, JQE Dec. 2019 7100206*

**Integrated optics**

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**Integrated optoelectronics**

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**Intensity modulation**

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**Interference suppression**

Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y., +, JQE Feb. 2019 4000106*

**Intermodulation distortion**

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**L****Laser arrays**

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M., +, JQE Aug. 2019 1600108*

**Laser beams**

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#### Laser cavity resonators

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Analysis of Mode Competition in Resonant Leaky-Wave Coupled Phase-Locked Arrays of Mid-IR Quantum Cascade Lasers. *Elkin, N.N.*, +, *JQE June 2019 2300210*

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Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections. *Qu, Y.*, +, *JQE April 2019 2000407*

Efficiency and Threshold Characteristics of Spectrally Beam Combined High-Power Diode Lasers. *Sun, F.*, +, *JQE Feb. 2019 2600107*

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo- Dielectric Nanolasers. *Jiang, S.*, +, *JQE Oct. 2019 2000910*

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A.*, +, *JQE Feb. 2019 6500208*

Influence of Resonator Length on Performance of Nitride TJ VCSEL. *Sarzal, R.P.*, +, *JQE Dec. 2019 2400509*

Mastering Lateral Radiation Losses in Tunable VCSELs. *Debernardi, P.*, +, *JQE Feb. 2019 2400108*

Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M.*, +, *JQE Aug. 2019 1600108*

Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T.*, +, *JQE Aug. 2019 1400109*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*

#### Laser feedback

Chaos Bandwidth Enhancement of Fabry–Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection. *Han, H.*, +, *JQE June 2019 2000708*

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Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

Synchronization of Two DFB Lasers Using Frequency-Shifted Feedback for Microwave Photonics. *Thorette, A.*, +, *JQE Feb. 2019 2200108*

The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C.*, +, *JQE Dec. 2019 2001111*

#### Laser frequency stability

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo- Dielectric Nanolasers. *Jiang, S.*, +, *JQE Oct. 2019 2000910*

#### Laser mirrors

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M.*, +, *JQE Aug. 2019 1600108*

#### Laser mode locking

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

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Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers. *Rosado, A.*, +, *JQE Dec. 2019 2001012*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach–Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*

Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T.*, +, *JQE Aug. 2019 1400109*

Synchronization of Two DFB Lasers Using Frequency-Shifted Feedback for Microwave Photonics. *Thorette, A.*, +, *JQE Feb. 2019 2200108*

#### Laser modes

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Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers. *Zeghuzi, A.*, +, *JQE April 2019 2000207*

#### Laser noise

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo- Dielectric Nanolasers. *Jiang, S.*, +, *JQE Oct. 2019 2000910*

Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers. *Rosado, A.*, +, *JQE Dec. 2019 2001012*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

#### Laser reliability

The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C.*, +, *JQE Dec. 2019 2001111*

#### Laser stability

Efficiency and Threshold Characteristics of Spectrally Beam Combined High-Power Diode Lasers. *Sun, F.*, +, *JQE Feb. 2019 2600107*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

**Laser tuning**

Chaos Bandwidth Enhancement of Fabry–Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection. *Han, H.*, +, *JQE June 2019 2000708*

Highly Reliable Frequency-Resolved Optical Gating Pulse-Retrieval Algorithmic Approach. *Jafari, R.*, +, *JQE Aug. 2019 8600107*

Mastering Lateral Radiation Losses in Tunable VCSELS. *Debernardi, P.*, +, *JQE Feb. 2019 2400108*

Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D.*, +, *JQE June 2019 2000807*

The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking. *Shortiss, K.*, +, *JQE Dec. 2019 1400206*

Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit. *Cardarelli, S.*, +, *JQE Feb. 2019 6300110*

**Laser variables measurement**

Highly Reliable Frequency-Resolved Optical Gating Pulse-Retrieval Algorithmic Approach. *Jafari, R.*, +, *JQE Aug. 2019 8600107*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

**Leakage currents**

Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*

Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y.*, +, *JQE Dec. 2019 4200208*

**Learning (artificial intelligence)**

Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M.*, +, *JQE Oct. 2019 8400110*

**LED displays**

Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*

**Lenses**

Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

**Light absorption**

Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. *Tong, J.*, +, *JQE Dec. 2019 4000406*

**Light coherence**

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M.*, +, *JQE Aug. 2019 1600108*

Use of Scattering Layer as a Programmable Spectrum Filter. *Wan, L.*, +, *JQE Oct. 2019 6100306*

**Light emitting diodes**

Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells. *Li, H.*, +, *JQE Feb. 2019 3200104*

Measurement of the Piezoelectric Field in InGaN/AlGaIn Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H.*, +, *JQE Oct. 2019 3200307*

Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power-Efficiency Degradation Under High Current Injection. *Han, D.*, +, *JQE Aug. 2019 3200311*

**Light interference**

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

**Light interferometry**

Self-Correction Limits in Dual-Comb Interferometry. *Hebert, N.B.*, +, *JQE Aug. 2019 8700311*

Theoretical Foundations for Design of a Quantum Wigner Interferometer. *Lanzagorta, M.*, +, *JQE Feb. 2019 8700207*

**Light polarization**

Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

**Light propagation**

Analysis of Mode Competition in Resonant Leaky-Wave Coupled Phase-Locked Arrays of Mid-IR Quantum Cascade Lasers. *Elkin, N.N.*, +, *JQE June 2019 2300210*

High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N.*, +, *JQE April 2019 8200106*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

**Light scattering**

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Use of Scattering Layer as a Programmable Spectrum Filter. *Wan, L.*, +, *JQE Oct. 2019 6100306*

Wideband and Narrowband Circuit Models for Fano-Shape Guided-Mode Resonance. *Saba, A.*, +, *JQE June 2019 6500308*

**Light sources**

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A.*, +, *JQE Feb. 2019 6500208*

**Light transmission**

High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N.*, +, *JQE April 2019 8200106*

**Liquid crystal displays**

A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle. *Chen, L.*, +, *JQE Dec. 2019 7000206*

**Lithium compounds**

Efficient Tm:LiYF<sub>4</sub> Lasers at  $\sim 2.3 \mu\text{m}$ : Effect of Energy-Transfer Upconversion. *Loiko, P.*, +, *JQE Dec. 2019 1700212*

**Long Term Evolution**

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*

**Low-power electronics**

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*

**M****Mach-Zehnder interferometers**

Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y.*, +, *JQE June 2019 8000209*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach–Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*

Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L.*, +, *JQE Feb. 2019 8700109*

**Magneto-optical isolators**

Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I.*, +, *JQE Oct. 2019 7000108*

**Mercury compounds**

Fabrication of  $15\text{-}\mu\text{m}$  Pitch  $640 \times 512$  InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F.*, +, *JQE Aug. 2019 4200105*

Long-Wavelength Interband Cascade Detector Architectures for Room Temperature Operation. *Hackiewicz, K.*, +, *JQE Aug. 2019 4000306*

**Micro-optics**

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach–Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*

**Microdisplays**

Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*

**Microfabrication**

Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display. *Chen, C.*, +, *JQE April 2019 3300106*



**Microwave photonics**

- Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y.*, +, *JQE June 2019 8000209*
- Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems. *Liu, E.*, +, *JQE Oct. 2019 8000305*
- Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach-Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*
- Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T.*, +, *JQE Aug. 2019 1400109*
- SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*
- Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L.*, +, *JQE Feb. 2019 8700109*
- Synchronization of Two DFB Lasers Using Frequency-Shifted Feedback for Microwave Photonics. *Thorette, A.*, +, *JQE Feb. 2019 2200108*

**Minority carriers**

- Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate. *Deng, Z.*, +, *JQE Aug. 2019 4000205*

**Monolayers**

- Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D.*, +, *JQE June 2019 2000807*

**Multilayer perceptrons**

- Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M.*, +, *JQE Oct. 2019 8400110*

**Multiplexing**

- All-Fiber Cylindrical Vector Beams Multiplexing Through a Mode-Selective Coupler. *Wang, X.*, +, *JQE Dec. 2019 6800408*

**Multiwave mixing**

- A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

**N****Nanofabrication**

- Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

**Nanoparticles**

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**Nanophotonics**

- Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections. *Qu, Y.*, +, *JQE April 2019 2000407*
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**Neodymium**

- Method for Generating High Purity Laguerre-Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

**Neural networks**

- Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems. *Liu, E.*, +, *JQE Oct. 2019 8000305*

**Nitrogen**

- An Investigation on Radiation Trapping and Quenching in Optically Pumped Atomic Vapor Cell. *Li, S.*, +, *JQE Aug. 2019 9200205*

**Nonlinear filters**

- Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters. *Mbe, J.H.T.*, +, *JQE Aug. 2019 5000106*

**Numerical analysis**

- Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T.*, +, *JQE Aug. 2019 1400109*

**O****Ohmic contacts**

- Fabrication of 15- $\mu\text{m}$  Pitch  $640 \times 512$  InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F.*, +, *JQE Aug. 2019 4200105*

**Optical bistability**

- Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

**Optical chaos**

- Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V.*, +, *JQE April 2019 8000105*
- Chaos Bandwidth Enhancement of Fabry-Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection. *Han, H.*, +, *JQE June 2019 2000708*
- Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections. *Qu, Y.*, +, *JQE April 2019 2000407*
- Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z.*, +, *JQE April 2019 6800209*

**Optical communication**

- Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems. *Liu, E.*, +, *JQE Oct. 2019 8000305*
- Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L.*, +, *JQE Feb. 2019 8700109*

**Optical communication equipment**

- All-Fiber Cylindrical Vector Beams Multiplexing Through a Mode-Selective Coupler. *Wang, X.*, +, *JQE Dec. 2019 6800408*
- OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X.*, +, *JQE June 2019 6800308*
- The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking. *Shortiss, K.*, +, *JQE Dec. 2019 1400206*

**Optical control**

- OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X.*, +, *JQE June 2019 6800308*

**Optical couplers**

- Efficiency and Threshold Characteristics of Spectrally Beam Combined High-Power Diode Lasers. *Sun, F.*, +, *JQE Feb. 2019 2600107*

**Optical crosstalk**

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- All-Fiber Cylindrical Vector Beams Multiplexing Through a Mode-Selective Coupler. *Wang, X.*, +, *JQE Dec. 2019 6800408*
- Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y.*, +, *JQE Feb. 2019 4000106*

**Optical design techniques**

- Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M.*, +, *JQE Oct. 2019 8400110*
- Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb:YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*
- OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X.*, +, *JQE June 2019 6800308*
- Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z.*, +, *JQE April 2019 6800209*

**Optical directional couplers**

- Parity-Time Symmetry in Laterally Coupled Bragg Waveguides. *Boucher, Y.G.*, +, *JQE Dec. 2019 6000209*

**Optical dispersion**

- Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L.*, +, *JQE Feb. 2019 8700109*

**Optical distortion**

- Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y.*, +, *JQE June 2019 8000209*

**Optical elements**

Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M., +, JQE Oct. 2019 8400110*

**Optical engineering computing**

Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M., +, JQE Oct. 2019 8400110*

**Optical fabrication**

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G., +, JQE Dec. 2019 6400107*

Fabrication and Characterization of Active-Matrix  $960 \times 540$  Blue GaN-Based Micro-LED Display. *Chen, C., +, JQE April 2019 3300106*

Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers. *Buffolo, M., +, JQE June 2019 2000607*

**Optical fiber amplifiers**

Characterization of Polarization Pulling in Fiber Optical Parametric Amplifiers. *Wang, S.H., +, JQE Feb. 2019 6800111*

**Optical fiber communication**

OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X., +, JQE June 2019 6800308*

**Optical fiber couplers**

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Use of Scattering Layer as a Programmable Spectrum Filter. *Wan, L., +, JQE Oct. 2019 6100306*

**Optical fiber fabrication**

OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X., +, JQE June 2019 6800308*

**Optical fiber networks**

The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking. *Shortiss, K., +, JQE Dec. 2019 1400206*

**Optical fiber polarization**

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OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X., +, JQE June 2019 6800308*

**Optical fiber testing**

Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z., +, JQE April 2019 6800209*

**Optical filters**

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**Optical focusing**

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**Optical frequency combs**

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**Optical hole burning**

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D., +, JQE Dec. 2019 2001207*

Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers. *Zeghuzi, A., +, JQE April 2019 2000207*

**Optical images**

High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N., +, JQE April 2019 8200106*

**Optical information processing**

Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L., +, JQE Feb. 2019 8700109*

**Optical losses**

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Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb: YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M., +, JQE Oct. 2019 5100108*

Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z., +, JQE April 2019 2000307*

Parity-Time Symmetry in Laterally Coupled Bragg Waveguides. *Boucher, Y.G., +, JQE Dec. 2019 6000209*

**Optical modulation**

Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y., +, JQE June 2019 8000209*

Modulation Bandwidth of Double Tunneling-Injection Quantum Dot Lasers: Effect of Out-Tunneling Leakage. *Asryan, L.V., +, JQE Feb. 2019 2000109*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach–Zehnder Modulators. *Wang, Z., +, JQE Dec. 2019 8400206*

Signal-to-Noise Ratio of True-Time Delay Beamformers Based on Microwave Photonic Links Using an Incoherent Broadband Optical Source. *Huang, L., +, JQE Feb. 2019 8700109*

Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D., +, JQE June 2019 2000807*

**Optical parametric amplifiers**

Characterization of Polarization Pulling in Fiber Optical Parametric Amplifiers. *Wang, S.H., +, JQE Feb. 2019 6800111*

**Optical parametric oscillators**

A Traveling-Wave Model for a Pulse-Pumped Degenerate Optical Parametric Oscillator in a Long Ring Cavity. *Inoue, K., JQE Oct. 2019 6100206*

Mechanism and Implementation of a Bidirectional-Pumped Femtosecond Optical Parametric Oscillator With Single Cavity and Single Crystal. *Su, J., +, JQE Aug. 2019 8600205*

**Optical pulse generation**

Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers. *Rosado, A., +, JQE Dec. 2019 2001012*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach–Zehnder Modulators. *Wang, Z., +, JQE Dec. 2019 8400206*

**Optical pulse shaping**

Highly Reliable Frequency-Resolved Optical Gating Pulse-Retrieval Algorithmic Approach. *Jafari, R., +, JQE Aug. 2019 8600107*

**Optical pumping**

A Traveling-Wave Model for a Pulse-Pumped Degenerate Optical Parametric Oscillator in a Long Ring Cavity. *Inoue, K., JQE Oct. 2019 6100206*

An Investigation on Radiation Trapping and Quenching in Optically Pumped Atomic Vapor Cell. *Li, S., +, JQE Aug. 2019 9200205*

Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V., +, JQE April 2019 8000105*

Characterization of Polarization Pulling in Fiber Optical Parametric Amplifiers. *Wang, S.H., +, JQE Feb. 2019 6800111*

Efficient Tm:LiYF<sub>4</sub> Lasers at  $\sim 2.3 \mu\text{m}$ : Effect of Energy-Transfer Upconversion. *Loiko, P., +, JQE Dec. 2019 1700212*

Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y., +, JQE Feb. 2019 6500107*

High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N., +, JQE April 2019 8200106*

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A., +, JQE Feb. 2019 6500208*

Mechanism and Implementation of a Bidirectional-Pumped Femtosecond Optical Parametric Oscillator With Single Cavity and Single Crystal. *Su, J., +, JQE Aug. 2019 8600205*

Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R., +, JQE Oct. 2019 1700109*

## P

- Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D., +, JQE Dec. 2019 2001207*
- Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb: YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M., +, JQE Oct. 2019 5100108*
- Optical resonators**  
Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y., +, JQE Feb. 2019 6500107*
- Optical saturable absorption**  
High-Resolution All-Optical Imaging of Multimode Profiles in a Saturated Absorption Medium. *Verma, O.N., +, JQE April 2019 8200106*
- Optical solitons**  
Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z., +, JQE April 2019 6800209*
- Optical switches**  
Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G., +, JQE Aug. 2019 9200110*
- Optical testing**  
Fabrication and Characterization of Active-Matrix 960 × 540 Blue GaN-Based Micro-LED Display. *Chen, C., +, JQE April 2019 3300106*  
Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells. *Li, H., +, JQE Feb. 2019 3200104*
- Optical transmitters**  
Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V., +, JQE April 2019 8000105*
- Optical variables measurement**  
Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R., +, JQE Oct. 2019 4700109*
- Optical vortices**  
Method for Generating High Purity Laguerre–Gaussian Vortex Modes. *Uren, R., +, JQE Oct. 2019 1700109*  
OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X., +, JQE June 2019 6800308*
- Optical waveguide theory**  
Analysis of Multiple Waveguide Discontinuities Using Propagation Operator Method and Beam Propagation Method. *Morimoto, K., +, JQE Aug. 2019 6100108*  
Parity-Time Symmetry in Laterally Coupled Bragg Waveguides. *Boucher, Y.G., +, JQE Dec. 2019 6000209*  
Wideband and Narrowband Circuit Models for Fano-Shape Guided-Mode Resonance. *Saba, A., +, JQE June 2019 6500308*
- Optical waveguides**  
Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G., +, JQE Dec. 2019 6400107*  
Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit. *Cardarelli, S., +, JQE Feb. 2019 6300110*
- Optoelectronic devices**  
Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters. *Mbe, J.H.T., +, JQE Aug. 2019 5000106*
- Organic compounds**  
A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle. *Chen, L., +, JQE Dec. 2019 7000206*  
Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A., +, JQE Feb. 2019 6500208*
- Oscillations**  
Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T., +, JQE Aug. 2019 1400109*
- Oscillators**  
Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Nonlinear Filters. *Mbe, J.H.T., +, JQE Aug. 2019 5000106*  
Selection of the Oscillation Mode in Multi-Mode Oscillators by Initializing the Cavity Signal. *Avelin, T., +, JQE Aug. 2019 1400109*
- P-i-n photodiodes**  
Design of InP-Based High-Speed Photodiode for 2- $\mu$ m Wavelength Application. *Chen, Y., +, JQE Feb. 2019 4400108*
- Particle interferometry**  
Theoretical Foundations for Design of a Quantum Wigner Interferometer. *Lanzagorta, M., +, JQE Feb. 2019 8700207*
- Passivation**  
Fabrication of 15- $\mu$ m Pitch 640 × 512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F., +, JQE Aug. 2019 4200105*  
Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y., +, JQE Dec. 2019 4200208*
- Photoconductivity**  
Measurement of the Piezoelectric Field in InGaN/AlGaIn Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H., +, JQE Oct. 2019 3200307*
- Photodetectors**  
Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. *Tong, J., +, JQE Dec. 2019 4000406*  
Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. *Nolde, J.A., +, JQE April 2019 7200111*  
Fabrication of 15- $\mu$ m Pitch 640 × 512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F., +, JQE Aug. 2019 4200105*  
Long-Wavelength Interband Cascade Detector Architectures for Room Temperature Operation. *Hackiewicz, K., +, JQE Aug. 2019 4000306*  
Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate. *Deng, Z., +, JQE Aug. 2019 4000205*  
Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R., +, JQE Oct. 2019 4700109*  
Suppressing Spectral Crosstalk in Dual-Band Long- Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y., +, JQE Feb. 2019 4000106*  
Towards Surface Leakage Free High Fill-Factor Extended Wavelength InGaAs Focal-Plane Arrays. *Ma, Y., +, JQE Dec. 2019 4200208*
- Photodiodes**  
Asymmetric Split H-Shape Resonator Array for Enhancement of Midwave Infrared Photodetection. *Tong, J., +, JQE Dec. 2019 4000406*  
Fabrication of 15- $\mu$ m Pitch 640 × 512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F., +, JQE Aug. 2019 4200105*  
Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power- Efficiency Degradation Under High Current Injection. *Han, D., +, JQE Aug. 2019 3200311*
- Photomultipliers**  
Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R., +, JQE Oct. 2019 4700109*
- Photonic crystals**  
Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G., +, JQE Dec. 2019 6400107*  
Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z., +, JQE April 2019 6800209*
- Phototransistors**  
SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J., +, JQE Aug. 2019 4600109*
- Piezoelectricity**  
Measurement of the Piezoelectric Field in InGaN/AlGaIn Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H., +, JQE Oct. 2019 3200307*
- Polymer films**  
Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing. *Zhou, Z., +, JQE Dec. 2019 7100206*



**Praseodymium**

Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. *Yakovlev, A.I.*, +, *JQE Oct. 2019 7000108*

**Q****Q factor**

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G.*, +, *JQE Dec. 2019 6400107*

**Quantum cascade lasers**

Analysis of Mode Competition in Resonant Leaky-Wave Coupled Phase-Locked Arrays of Mid-IR Quantum Cascade Lasers. *Elkin, N.N.*, +, *JQE June 2019 2300210*

Floquet-Bloch Analysis for Distributed Feedback Quantum Cascade Lasers With a Non-Rectangular Top-Metal Grating Profile. *Shu, H.*, +, *JQE Feb. 2019 2300107*

**Quantum dot lasers**

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

Modulation Bandwidth of Double Tunneling-Injection Quantum Dot Lasers: Effect of Out-Tunneling Leakage. *Asryan, L.V.*, +, *JQE Feb. 2019 2000109*

Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*

Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers. *Buffolo, M.*, +, *JQE June 2019 2000607*

Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D.*, +, *JQE June 2019 2000807*

The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C.*, +, *JQE Dec. 2019 2001111*

**Quantum dots**

A Quantum Dot Polarizer for Liquid Crystal Displays With Much Improved Efficiency and Viewing Angle. *Chen, L.*, +, *JQE Dec. 2019 7000206*

**Quantum optics**

Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y.*, +, *JQE Feb. 2019 6500107*

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

Theoretical Foundations for Design of a Quantum Wigner Interferometer. *Lanzagorta, M.*, +, *JQE Feb. 2019 8700207*

**Quantum theory**

Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y.*, +, *JQE Feb. 2019 6500107*

**Quantum well lasers**

Influence of Resonator Length on Performance of Nitride TJ VCSEL. *Sarzal, R.P.*, +, *JQE Dec. 2019 2400509*

Modulation Bandwidth of Double Tunneling-Injection Quantum Dot Lasers: Effect of Out-Tunneling Leakage. *Asryan, L.V.*, +, *JQE Feb. 2019 2000109*

Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*

**Quenching (thermal)**

An Investigation on Radiation Trapping and Quenching in Optically Pumped Atomic Vapor Cell. *Li, S.*, +, *JQE Aug. 2019 9200205*

**R****Radiation pressure**

Electromagnetic Engineered Mechanical Trapping Potential and the Conversion in Optomechanics. *Sun, Y.*, +, *JQE Feb. 2019 6500107*

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

**Radio-over-fiber**

Microwave Photonic Link With Flexible Even-Order and Third-Order Distortion Suppression. *Wang, Y.*, +, *JQE June 2019 8000209*

Optical Frequency Comb Generation Using CMOS Compatible Cascaded Mach-Zehnder Modulators. *Wang, Z.*, +, *JQE Dec. 2019 8400206*

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*

**Reflectivity**

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G.*, +, *JQE Dec. 2019 6400107*

Comment on "A Broadband Terahertz Metamaterial Absorber Based on Two Circular Split Rings". *Tian, X.*, +, *JQE Dec. 2019 9600103*

Efficiency and Threshold Characteristics of Spectrally Beam Combined High-Power Diode Lasers. *Sun, F.*, +, *JQE Feb. 2019 2600107*

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M.*, +, *JQE Aug. 2019 1600108*

**Refractive index**

OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMM-Based Polarization Controller. *Wang, X.*, +, *JQE June 2019 6800308*

Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers. *Zeghuzi, A.*, +, *JQE April 2019 2000207*

Voltage-Driven Near Field Beam Shifting in an InP Photonic Integrated Circuit. *Cardarelli, S.*, +, *JQE Feb. 2019 6300110*

**Reviews**

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

**Ridge waveguides**

Static and Dynamic Characteristics of In(AsSb)/GaAs Submonolayer Lasers. *Quandt, D.*, +, *JQE June 2019 2000807*

**Ring lasers**

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A.*, +, *JQE Feb. 2019 6500208*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

**Rubidium**

An Investigation on Radiation Trapping and Quenching in Optically Pumped Atomic Vapor Cell. *Li, S.*, +, *JQE Aug. 2019 9200205*

**S****Self-assembly**

Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*

**Self-induced transparency**

Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. *Tiaz, G.*, +, *JQE Aug. 2019 9200110*

**Semiconductor device modeling**

Corrections to "Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices" [Aug 18 Art. no. 2400507]. *Mehta, K.*, +, *JQE June 2019 9700101*

**Semiconductor device models**

Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R.*, +, *JQE Oct. 2019 4700109*

**Semiconductor doping**

Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate. *Deng, Z.*, +, *JQE Aug. 2019 4000205*

The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C.*, +, *JQE Dec. 2019 2001111*

**Semiconductor epitaxial layers**

Physical Origin of the Optical Degradation of InAs Quantum Dot Lasers. *Buffolo, M.*, +, *JQE June 2019 2000607*

**Semiconductor growth**

A Review of High-Performance Quantum Dot Lasers on Silicon. *Norman, J.C.*, +, *JQE April 2019 2000511*

Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

Mid-Wave Infrared InAs/GaSb Type-II Superlattice Photodetector With n-B-p Design Grown on GaAs Substrate. *Deng, Z.*, +, *JQE Aug. 2019 4000205*

**Semiconductor laser arrays**

Analysis of Mode Competition in Resonant Leaky-Wave Coupled Phase-Locked Arrays of Mid-IR Quantum Cascade Lasers. *Elkin, N.N.*, +, *JQE June 2019 2300210*

Efficiency and Threshold Characteristics of Spectrally Beam Combined High-Power Diode Lasers. *Sun, F.*, +, *JQE Feb. 2019 2600107*

**Semiconductor lasers**

Assessing Security of Chaos Communications Against Eavesdropping by Pump Detection. *Annovazzi-Lodi, V.*, +, *JQE April 2019 8000105*

Chaos Bandwidth Enhancement of Fabry-Pérot Laser Diode With Dual-Mode Continuous-Wave Optical Injection. *Han, H.*, +, *JQE June 2019 2000708*

Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections. *Qu, Y.*, +, *JQE April 2019 2000407*

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo-Dielectric Nanolasers. *Jiang, S.*, +, *JQE Oct. 2019 2000910*

Multi-Stable Operation of a Semiconductor Ring Laser Due to Spatial Hole-Burning. *Lenstra, D.*, +, *JQE Dec. 2019 2001207*

Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers. *Rosado, A.*, +, *JQE Dec. 2019 2001012*

Synchronization of Two DFB Lasers Using Frequency-Shifted Feedback for Microwave Photonics. *Thorette, A.*, +, *JQE Feb. 2019 2200108*

The Effect of Relaxation Oscillations in Integrated Optical Comb Demultiplexers Based on Injection Locking. *Shortiss, K.*, +, *JQE Dec. 2019 1400206*

Traveling Wave Analysis of Non-Thermal Far-Field Blooming in High-Power Broad-Area Lasers. *Zeghuzi, A.*, +, *JQE April 2019 2000207*

**Semiconductor materials**

SiGe Photo-Transistor for Low-Cost SSMF-Based Radio-Over-Fiber Applications at 850nm. *Nanni, J.*, +, *JQE Aug. 2019 4600109*

**Semiconductor optical amplifiers**

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A.*, +, *JQE Feb. 2019 6500208*

**Semiconductor quantum dots**

Highly Polarized Active Fluorescent Enhancement Polymer Film With Quantum Rods Aligned by Ink-Jet Printing. *Zhou, Z.*, +, *JQE Dec. 2019 7100206*

Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

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**Semiconductor quantum wells**

Design of InP-Based High-Speed Photodiode for 2- $\mu$ m Wavelength Application. *Chen, Y.*, +, *JQE Feb. 2019 4400108*

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Modified Shockley Equation for GaInN-Based Light-Emitting Diodes: Origin of the Power-Efficiency Degradation Under High Current Injection. *Han, D.*, +, *JQE Aug. 2019 3200311*

**Semiconductor superlattices**

Back Surface Plasmonic Grating for Increased Quantum Efficiency of nBn Photodetectors With Ultra-Thin Metamorphic InAs<sub>0.8</sub>Sb<sub>0.2</sub> Absorber. *Nolde, J.A.*, +, *JQE April 2019 7200111*

Fabrication of 15- $\mu$ m Pitch 640  $\times$  512 InAs/GaSb Type-II Superlattice Focal Plane Arrays. *Oguz, F.*, +, *JQE Aug. 2019 4200105*

Measurement of the Piezoelectric Field in InGaN/AlGaIn Multiple-Quantum-Well Near-Ultraviolet Light-Emitting Diodes by Electroreflectance Spectroscopy. *Islam, A.B.M.H.*, +, *JQE Oct. 2019 3200307*

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Suppressing Spectral Crosstalk in Dual-Band Long-Wavelength Infrared Photodetectors With Monolithically Integrated Air-Gapped Distributed Bragg Reflectors. *Zhang, Y.*, +, *JQE Feb. 2019 4000106*

**Signal processing**

Dynamics of Wideband Time-Delayed Optoelectronic Oscillators With Non-linear Filters. *Mbe, J.H.T.*, +, *JQE Aug. 2019 5000106*

**Silicon**

Challenges in the Path Toward a Scalable Silicon Photonics Implementation of Deep Neural Networks. *Villegas Burgos, C.M.*, +, *JQE Oct. 2019 8400110*

Characterization of Waveguide Photonic Crystal Reflectors on Indium Phosphide Membranes. *Reniers, S.F.G.*, +, *JQE Dec. 2019 6400107*

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The Importance of p-Doping for Quantum Dot Laser on Silicon Performance. *Norman, J.C.*, +, *JQE Dec. 2019 2001111*

**Silicon radiation detectors**

Performance Evaluation of Silicon Photomultipliers for Frequency-Domain Fluorescence Lifetime Measurement Based on a Comprehensive Circuit Model. *Siminfar, A.R.*, +, *JQE Oct. 2019 4700109*

**Slabs**

Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb:YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*

**Slow light**

Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z.*, +, *JQE April 2019 6800209*

**Solid lasers**

Efficient Tm:LiYF<sub>4</sub> Lasers at  $\sim$ 2.3  $\mu$ m: Effect of Energy-Transfer Upconversion. *Loiko, P.*, +, *JQE Dec. 2019 1700212*

Method for Generating High Purity Laguerre-Gaussian Vortex Modes. *Uren, R.*, +, *JQE Oct. 2019 1700109*

Numerical Analysis of Thermal Effects in a Concept of a Cryogenically Cooled Yb:YAG Multislab 10 J/100-Hz Laser Amplifier. *Sawicka-Chyla, M.*, +, *JQE Oct. 2019 5100108*

**Space division multiplexing**

OAM Modes Exchanging by Controlling Polarization of Vortex Beams Propagating Through an FMF-Based Polarization Controller. *Wang, X.*, +, *JQE June 2019 6800308*

**Spatial filters**

Passive Coherent Laser Beam Combining With Spatial Mode Selecting Feedback. *Kunkel, W.M.*, +, *JQE Aug. 2019 1600108*

**Speckle**

Use of Scattering Layer as a Programmable Spectrum Filter. *Wan, L.*, +, *JQE Oct. 2019 6100306*

**Spectral line broadening**

Impact of Fundamental Temperature Fluctuations on the Frequency Stability of Metallo-Dielectric Nanolasers. *Jiang, S.*, +, *JQE Oct. 2019 2000910*

**Spin coating**

Hybrid Heterostructured LEDs Based on Superstrate Architecture of ZnO and ZnS Quantum Dots. *Tiwari, N.*, +, *JQE April 2019 3200207*

**Spontaneous emission**

Concealment of Time Delay Signature of Chaotic Semiconductor Nanolasers With Double Chaotic Optical Injections. *Qu, Y.*, +, *JQE April 2019 2000407*

**Statistical analysis**

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

**Stimulated Brillouin scattering**

Fully-Tensorial Modeling of Stimulated Brillouin Scattering in Photonic Waveguides. *Malinowski, M.*, +, *JQE June 2019 6000107*

**Stochastic processes**

Numerical and Experimental Analysis of Optical Frequency Comb Generation in Gain-Switched Semiconductor Lasers. *Rosado, A.*, +, *JQE Dec. 2019 2001012*

**Supercontinuum generation**

Slow-Nonlinearity Assisted Supercontinuum Generation in a CS<sub>2</sub>-Core Photonic Crystal Fiber. *Kang, Z.*, +, *JQE April 2019 6800209*

**Superradiance**

Incoherent Gain-Assisted Ring Enhanced Gas Absorption Spectroscopy. *Selim, M.A.*, +, *JQE Feb. 2019 6500208*

Optical Gain and Lasing Properties of InP/AlGaInP Quantum-Dot Laser Diode Emitting at 660 nm. *Huang, Z.*, +, *JQE April 2019 2000307*

**Surface emitting lasers**

Influence of Resonator Length on Performance of Nitride TJ VCSEL. *Sarzal, R.P.*, +, *JQE Dec. 2019 2400509*

Mastering Lateral Radiation Losses in Tunable VCSELS. *Debernardi, P.*, +, *JQE Feb. 2019 2400108*

Polarization Responses of a Solitary and Optically Injected Vertical Cavity Spin Laser. *Cemlyn, B.R.*, +, *JQE Dec. 2019 2400409*

Suppression of Multistability in a Multimode VCSEL by Isotropic Optical Feedback. *Chizhevsky, V.N.*, +, *JQE Oct. 2019 2400207*

Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*

**Surface plasmon polaritons**

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**Synchronization**

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**Terbium compounds**

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Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. *Mehta, K.*, +, *JQE Oct. 2019 2400308*

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**Thin film devices**

Improved Performance of Near UV GaN-Based Light Emitting Diodes With Asymmetric Triangular Multiple Quantum Wells. *Li, H.*, +, *JQE Feb. 2019 3200104*

**Thulium**

Efficient Tm:LiYF<sub>4</sub> Lasers at ~2.3 μm: Effect of Energy-Transfer Upconversion. *Loiko, P.*, +, *JQE Dec. 2019 1700212*

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**W****Wave equations**

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**Waveguide discontinuities**

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**Waveguide lasers**

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## Y

### Ytterbium

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### Yttrium compounds

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## Z

### Zinc compounds

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