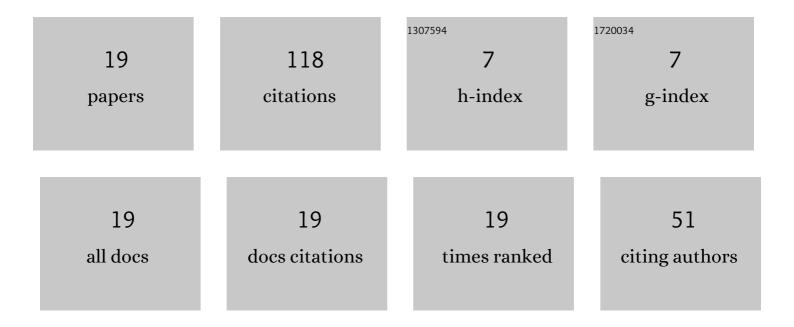
Daisuke Inoue

List of Publications by Year in descending order

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DAISUKE INOU

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 20-Gbit/s direct modulation of GaInAsP/InP membrane distributed-reflector laser with energy cost of less than 100 fJ/bit. Applied Physics Express, 2018, 11, 012704. | 2.4 | 14 |
| 2 | High Efficiency Operation of GalnAsP/InP Membrane Distributed-Reflector Laser on Si. IEEE Photonics Technology Letters, 2017, 29, 1832-1835. | 2.5 | 9 |
| 3 | High-Efficiency Operation of Membrane Distributed-Reflector Lasers on Silicon Substrate. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-8. | 2.9 | 13 |
| 4 | Integrated Optical Link on Si Substrate Using Membrane Distributed-Feedback Laser and p-i-n Photodiode. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-8. | 2.9 | 12 |
| 5 | High efficiency operation of membrane distributed-reflector laser with reduced index coupling coefficient structure. , 2017, , . | | 0 |
| 6 | Low-bias current 10 Gbit/s direct modulation of GaInAsP/InP membrane DFB laser on silicon. Optics Express, 2016, 24, 18571. | 3.4 | 21 |
| 7 | 10 Gbit/s data transmission through optical link by using membrane DFB laser and PIN-PD. , 2016, , . | | 0 |
| 8 | Low Threshold and High Speed Operation of 1.55-μm-Band Lasers by InP-Based Membrane Structure. The Review of Laser Engineering, 2016, 44, 508. | 0.0 | 0 |
| 9 | Membrane photonic integration on Si platform. , 2015, , . | | 0 |
| 10 | Room-temperature continuous-wave operation of λ/4-shifted membrane distributed feedback lasers. , 2015, , . | | 0 |
| 11 | High modulation efficiency of sub-milliampere threshold GaInAsP/InP membrane DFB laser. , 2015, , . | | 0 |
| 12 | Energy Cost Analysis of Membrane Distributed-Reflector Lasers for On-Chip Optical Interconnects. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 299-308. | 2.9 | 16 |
| 13 | Integration of membrane-based DFB laser and PIN photodiode on Si substrate toward on-chip interconnection. , 2015, , . | | 1 |
| 14 | Monolithic Integration of Membrane-Based Butt-Jointed Built-in DFB Lasers and p-i-n Photodiodes Bonded on Si Substrate. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 392-398. | 2.9 | 14 |
| 15 | GalnAsP/InP Lateral-Current-Injection Membrane DFB Laser Integrated with GalnAsP Waveguides on Si Substrate. , 2014, , . | | 3 |
| 16 | Electrode Position Dependence of Energy Cost in Lateral-Current-Injection Membrane Distributed Reflector Laser. , 2014, , . | | 0 |
| 17 | Low-threshold-current operation of lateral current injection membrane distributed-feedback laser bonded on Si. , 2014, , . | | 3 |
| 18 | Butt-joint built-in (BJB) structure for membrane photonic integration. , 2013, , . | | 4 |

Butt-joint built-in (BJB) structure for membrane photonic integration. , 2013, , . 18

| # | Article | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Room-temperature continuous-wave operation of lateral current injection membrane laser. , 2013, , . | | 8 |