List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Efficiency of pulse pumped soliton microcombs. Optica, 2022, 9, 231. | 9.3 | 22 |
| 2 | Probing material absorption and optical nonlinearity of integrated photonic materials. Nature Communications, 2022, 13, . | 12.8 | 27 |
| 3 | Correlated self-heterodyne method for ultra-low-noise laser linewidth measurements. Optics Express, 2022, 30, 25147. | 3.4 | 12 |
| 4 | Probing the Material Loss and Optical Nonlinearity of Integrated Photonic Materials. , 2021, , . | | 1 |
| 5 | Towards milli-Hertz laser frequency noise on a chip. , 2021, , . | | 3 |
| 6 | Formation Dynamics and Snapshots of Self-injection-locking Dark Solitons. , 2021, , . | | 0 |
| 7 | Oscillatory motion of a counterpropagating Kerr soliton dimer. Physical Review A, 2021, 103, . | 2.5 | 9 |
| 8 | Quantum diffusion of microcavity solitons. Nature Physics, 2021, 17, 462-466. | 16.7 | 30 |
| 9 | Dirac Solitons in Optical Microresonators. , 2021, , . | | 1 |
| 10 | Earth-rotaton-rate Sensitivity. , 2021, , . | | 0 |
| 11 | Hertz-linewidth semiconductor lasers using CMOS-ready ultra-high-Q microresonators. Nature Photonics, 2021, 15, 346-353. | 31.4 | 260 |
| 12 | Dispersive-wave induced noise limits in miniature soliton microwave sources. Nature Communications, 2021, 12, 1442. | 12.8 | 36 |
| 13 | Ultra-narrow linewidth lasers and microcombs based on self-injection locking in integrated photonics (Invited). , 2021, , . | | 0 |
| 14 | Reaching fiber-laser coherence in integrated photonics. Optics Letters, 2021, 46, 5201. | 3.3 | 61 |
| 15 | Hertz-level-linewidth semiconductor laser via injection locking to an ultra-high Q silicon nitride microresonator. , 2021, , . | | 0 |
| 16 | Mid-infrared dual-comb spectroscopy with GHz resolution using soliton microcombs. , 2021, , . | | 0 |
| 17 | Architecture for microcomb-based GHz-mid-infrared dual-comb spectroscopy. Nature Communications, 2021, 12, 6573. | 12.8 | 45 |
| 18 | High-performance lasers for fully integrated silicon nitride photonics. Nature Communications, 2021, 12, 6650. | 12.8 | 61 |

| # | Article | IF | CITATIONS |
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| 19 | Microresonator Brillouin Laser Gyroscope with Earth-Rotation-Rate Sensitivity. , 2021, , . | | 0 |
| 20 | Optical frequency combs: Coherently uniting the electromagnetic spectrum. Science, 2020, 369, . | 12.6 | 294 |
| 21 | Integrated turnkey soliton microcombs. Nature, 2020, 582, 365-369. | 27.8 | 295 |
| 22 | Direct Kerr frequency comb atomic spectroscopy and stabilization. Science Advances, 2020, 6, eaax6230. | 10.3 | 49 |
| 23 | Petermann-factor sensitivity limit near an exceptional point in a Brillouin ring laser gyroscope. Nature Communications, 2020, 11, 1610. | 12.8 | 104 |
| 24 | Ultra-efficient frequency comb generation in AlGaAs-on-insulator microresonators. Nature Communications, 2020, 11, 1331. | 12.8 | 151 |
| 25 | A chip-based Brillouin laser gyroscope. , 2020, , . | | 0 |
| 26 | Earth rotation measured by a chip-scale ring laser gyroscope. Nature Photonics, 2020, 14, 345-349. | 31.4 | 133 |
| 27 | Dirac solitons in optical microresonators. Light: Science and Applications, 2020, 9, 205. | 16.6 | 15 |
| 28 | Greater than one billion Q factor for on-chip microresonators. Optics Letters, 2020, 45, 5129. | 3.3 | 61 |
| 29 | Interleaved difference-frequency generation for microcomb spectral densification in the mid-infrared. Optica, 2020, 7, 309. | 9.3 | 18 |
| 30 | Linewidth enhancement factor in a microcavity Brillouin laser. Optica, 2020, 7, 1150. | 9.3 | 24 |
| 31 | On-chip Q-factor greater than 1 billion. , 2020, , . | | 1 |
| 32 | Dissipated Kerr Solitons in Optical Microresonators. , 2020, , 79-123. | | 0 |
| 33 | Microresonator soliton dual-comb imaging. Optica, 2019, 6, 1110. | 9.3 | 42 |
| 34 | Vernier spectrometer using counterpropagating soliton microcombs. Science, 2019, 363, 965-968. | 12.6 | 83 |
| 35 | Self-starting bi-chromatic LiNbO ₃ soliton microcomb. Optica, 2019, 6, 1138. | 9.3 | 246 |
| 36 | Observation of the exceptional-point-enhanced Sagnac effect. Nature, 2019, 576, 65-69. | 27.8 | 240 |

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| 37 | Searching for exoplanets using a microresonator astrocomb. Nature Photonics, 2019, 13, 25-30. | 31.4 | 194 |
| 38 | Directly pumped 10  GHz microcomb modules from low-power diode lasers. Optics Letters, 2019, 44, 1 | 843.3 | 17 |
| 39 | Architecture for the photonic integration of an optical atomic clock. Optica, 2019, 6, 680. | 9.3 | 346 |
| 40 | Measurement of the Earth's Rotation Using a Chip-Based Brillouin Laser Gyroscope. , 2019, , . | | 0 |
| 41 | Towards Integrated Microcomb Systems for Hertz-Scale Accuracy Optical Signal Generation. , 2019, , . | | 2 |
| 42 | Soliton microcomb range measurement. Science, 2018, 359, 884-887. | 12.6 | 389 |
| 43 | An optical-frequency synthesizer using integrated photonics. Nature, 2018, 557, 81-85. | 27.8 | 550 |
| 44 | Microâ€Resonator Soliton Generated Directly with a Diode Laser. Laser and Photonics Reviews, 2018, 12, 1700307. | 8.7 | 24 |
| 45 | Bridging ultrahigh-Q devices and photonic circuits. Nature Photonics, 2018, 12, 297-302. | 31.4 | 147 |
| 46 | Imaging soliton dynamics in optical microcavities. Nature Communications, 2018, 9, 3565. | 12.8 | 67 |
| 47 | The planet formation imager. Experimental Astronomy, 2018, 46, 517-529. | 3.7 | 12 |
| 48 | Universal isocontours for dissipative Kerr solitons. Optics Letters, 2018, 43, 2567. | 3.3 | 6 |
| 49 | Gigahertz-repetition-rate soliton microcombs. Optica, 2018, 5, 65. | 9.3 | 84 |
| 50 | Soliton Microcombs at Gigahertz-Repetition-Rates. , 2018, , . | | 0 |
| 51 | Kerr-microresonator solitons from a chirped background. Optica, 2018, 5, 1304. | 9.3 | 52 |
| 52 | Temporal soliton generated in a micro-resonator directly with a diode laser. , 2018, , . | | 0 |
| 53 | Temporal soliton locked in a micro-resonator pumped by a diode laser without an amplifier. , 2018, , . | | 0 |
| 54 | Coherent ultra-violet to near-infrared generation in silica ridge waveguides. Nature Communications, 2017, 8, 13922. | 12.8 | 59 |

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|----|--|------|-----------|
| 55 | Single-mode dispersive waves and soliton microcomb dynamics. Nature Communications, 2017, 8, 14869. | 12.8 | 142 |
| 56 | Phonon-Limited-Linewidth of Brillouin Lasers at Cryogenic Temperatures. Physical Review Letters, 2017, 119, 143901. | 7.8 | 27 |
| 57 | Counter-propagating solitons in microresonators. Nature Photonics, 2017, 11, 560-564. | 31.4 | 157 |
| 58 | Towards visible soliton microcomb generation. Nature Communications, 2017, 8, 1295. | 12.8 | 81 |
| 59 | Stokes solitons in optical microcavities. Nature Physics, 2017, 13, 53-57. | 16.7 | 149 |
| 60 | Ultra-low phase-noise microwave oscillator based on electro-optical frequency division. , 2017, , . | | 3 |
| 61 | Fiber taper characterization by optical backscattering reflectometry. Optics Express, 2017, 25, 22312. | 3.4 | 21 |
| 62 | Microresonator Brillouin gyroscope. Optica, 2017, 4, 346. | 9.3 | 182 |
| 63 | A 30 GHz ultra-low-phase-noise oscillator using electro-optical frequency division. , 2017, , . | | 1 |
| 64 | Towards an Integrated-Photonics Optical-Frequency Synthesizer With <1 Hz Residual Frequency Noise. , 2017, , . | | 7 |
| 65 | Integrable Soliton Microcomb at Microwave Repetition Rates. , 2017, , . | | 0 |
| 66 | Microresonator Soliton Dual-Comb Spectroscopy. , 2017, , . | | 4 |
| 67 | Spatial-mode-interaction-induced dispersive waves and their active tuning in microresonators. Optica, 2016, 3, 1132. | 9.3 | 61 |
| 68 | Ultra-High-Q Silica-on-Silicon Ridge-Ring-Resonator with an Integrated Silicon Nitride Waveguide. , 2016, , . | | 2 |
| 69 | Active capture and stabilization of temporal solitons in microresonators. Optics Letters, 2016, 41, 2037. | 3.3 | 142 |
| 70 | Microresonator soliton dual-comb spectroscopy. Science, 2016, 354, 600-603. | 12.6 | 580 |
| 71 | New directions for optical frequency division: Soliton microcombs and electro-optical-modulation. , 2016, , . | | 0 |
| 72 | Theory and measurement of the soliton self-frequency shift and efficiency in optical microcavities. Optics Letters, 2016, 41, 3419. | 3.3 | 97 |

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| 73 | New directions for high-Q optical micro-resonators: Soliton-based optical clocks to compact Sagnac gyros. , 2016, , . | | 1 |
| 74 | Phase-coherent microwave-to-optical link with a self-referenced microcomb. Nature Photonics, 2016, 10, 516-520. | 31.4 | 133 |
| 75 | Broadband dispersion-engineered microresonator on a chip. Nature Photonics, 2016, 10, 316-320. | 31.4 | 79 |
| 76 | Microresonator Soliton Dual-Comb Spectroscopy. , 2016, , . | | 2 |
| 77 | Soliton frequency comb at microwave rates in a high-Q silica microresonator. Optica, 2015, 2, 1078. | 9.3 | 416 |
| 78 | Dual-microcavity narrow-linewidth Brillouin laser. Optica, 2015, 2, 225. | 9.3 | 96 |
| 79 | Electro-optical frequency division and stable microwave synthesis. , 2015, , . | | 0 |
| 80 | Microwave-rate soliton mode-locking on a chip. , 2015, , . | | 0 |
| 81 | Electro-optical frequency division and stable microwave synthesis. , 2015, , . | | 0 |
| 82 | Low-noise Brillouin laser on a chip at 1064  nm. Optics Letters, 2014, 39, 287. | 3.3 | 60 |
| 83 | Supercontinuum generation in an on-chip silica waveguide. Optics Letters, 2014, 39, 1046. | 3.3 | 60 |
| 84 | Microresonator frequency comb optical clock. Optica, 2014, 1, 10. | 9.3 | 367 |
| 85 | Design and characterization of whispering-gallery spiral waveguides. Optics Express, 2014, 22, 5196. | 3.4 | 18 |
| 86 | Pump frequency noise coupling into a microcavity by thermo-optic locking. Optics Express, 2014, 22, 14559. | 3.4 | 13 |
| 87 | Electro-optical frequency division and stable microwave synthesis. Science, 2014, 345, 309-313. | 12.6 | 138 |
| 88 | Microwave synthesizer using an on-chip Brillouin oscillator. Nature Communications, 2013, 4, 2097. | 12.8 | 248 |
| 89 | Spiral resonators for on-chip laser frequency stabilization. Nature Communications, 2013, 4, 2468. | 12.8 | 89 |
| 90 | Thermal stress in silica-on-silicon disk resonators. Applied Physics Letters, 2013, 102, . | 3.3 | 17 |

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| 91 | New directions for high-Q microcavities. , 2013, , . | | 0 |
| 92 | Chemically Etched Ultra-high-Q Resonators. , 2013, , . | | 0 |
| 93 | Characterization of a high coherence, Brillouin microcavity laser on silicon. Optics Express, 2012, 20, 20170. | 3.4 | 154 |
| 94 | Phonon Lasers in Cavity Optomechanics. , 2012, , . | | 0 |
| 95 | Sideband spectroscopy and dispersion measurement in microcavities. Optics Express, 2012, 20, 26337. | 3.4 | 69 |
| 96 | A general design algorithm for low optical loss adiabatic connections in waveguides. Optics Express, 2012, 20, 22819. | 3.4 | 39 |
| 97 | Chemically-etched ultra-high-Q micro-cavities on a silicon chip. , 2012, , . | | 0 |
| 98 | Ultra-low-loss delay lines and resonators on a silicon chip. , 2012, , . | | 1 |
| 99 | Low-Pump-Power, Low-Phase-Noise, and Microwave to Millimeter-Wave Repetition Rate Operation in Microcombs. Physical Review Letters, 2012, 109, 233901. | 7.8 | 146 |
| 100 | Ultra-low-loss optical delay line on a silicon chip. Nature Communications, 2012, 3, 867. | 12.8 | 175 |
| 101 | Chemically etched ultrahigh-Q wedge-resonator on a silicon chip. Nature Photonics, 2012, 6, 369-373. | 31.4 | 545 |
| 102 | Ultra-High-Q Wedge Resonators with Precise FSR control. , 2012, , . | | 0 |
| 103 | Compensation of thermal nonlinearity effect in optical resonators. Optics Express, 2011, 19, 7365. | 3.4 | 35 |
| 104 | Ultra-high-Q micro-cavity on a silicon chip. , 2011, , . | | 0 |
| 105 | High sensitivity nanoparticle detection using optical microcavities. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5976-5979. | 7.1 | 277 |
| 106 | Ultra-High-Q Micro-Cavity on a Silicon Chip. , 2011, , . | | 0 |
| 107 | An Optomechanical Oscillator on a Silicon Chip. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 276-287. | 2.9 | 68 |
| 108 | Coherent mixing of mechanical excitations in nano-optomechanical structures. Nature Photonics, 2010, 4, 236-242. | 31.4 | 237 |

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126 Observation of injection locking in an optomechanical RF oscillator. , 2008, , .

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| 127 | Observation of injection locking in an optomechanical rf oscillator. Applied Physics Letters, 2008, 93, 191115. | 3.3 | 41 |
| 128 | Back-action limit of linewidth in an optomechanical oscillator. Physical Review A, 2008, 78, . | 2.5 | 52 |
| 129 | Static Envelope Patterns in Composite Resonances Generated by Level Crossing in Optical Toroidal Microcavities. Physical Review Letters, 2008, 100, 103905. | 7.8 | 71 |
| 130 | An on-chip erbium doped three-photon upconversion silica microlaser emitting at green wavelengths. , 2008, , . | | 0 |
| 131 | Photonic RF-receiver based on all-optical down-conversion in an optomechanical oscillator. , 2008, , . | | 0 |
| 132 | Level crossing in toroidal on-chip microcavities. , 2008, , . | | 0 |
| 133 | Nonlinear Opto-mechanics Using Radiation Pressure in High-Q Microcavities. , 2007, , . | | 0 |
| 134 | Modal Spectroscopy of Optoexcited Vibrations of a Micron-Scale On-Chip Resonator at Greater than 1 GHz Frequency. Physical Review Letters, 2007, 98, 123901. | 7.8 | 86 |
| 135 | Chaotic Quivering of Micron-Scaled On-Chip Resonators Excited by Centrifugal Optical Pressure. Physical Review Letters, 2007, 98, 167203. | 7.8 | 152 |
| 136 | Visible submicron microdisk lasers. Applied Physics Letters, 2007, 90, 111119. | 3.3 | 76 |
| 137 | The new high-Q physics: photonic clocks and back-action cooling on a chip. , 2007, , . | | 0 |
| 138 | Visible microdisk and photonic crystals lasers based on InGaP/InGaAlP system. , 2007, , . | | 0 |
| 139 | Label-free, single molecule detection of cytokines using optical microcavities. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , . | 0.0 | 0 |
| 140 | Observation of optical spring effect in a microtoroidal optomechanical resonator. Optics Letters, 2007, 32, 1611. | 3.3 | 52 |
| 141 | Ultralow-threshold Yb^3+:SiO_2 glass laser fabricated by the solgel process. Optics Letters, 2007, 32, 2650. | 3.3 | 38 |
| 142 | Free ultra-high-Q microtoroid: a tool for designing photonic devices. Optics Express, 2007, 15, 166. | 3.4 | 65 |
| 143 | Wavelength-independent coupler from fiber to an on-chip cavity, demonstrated over an 850nm span. Optics Express, 2007, 15, 7677. | 3.4 | 24 |
| 144 | Cavity Opto-Mechanics. Optics Express, 2007, 15, 17172. | 3.4 | 695 |

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| 145 | Free UH-Q microtoroids, new tools for designing photonic devices. , 2007, , . | | Ο |
| 146 | Soft Lithographic Fabrication of High Q Polymer Microcavity Arrays. Nano Letters, 2007, 7, 1823-1826. | 9.1 | 63 |
| 147 | Importance of Intrinsic-\$Q\$ in Microring-Based Optical Filters and Dispersion-Compensation Devices. IEEE Photonics Technology Letters, 2007, 19, 1045-1047. | 2.5 | 13 |
| 148 | Label-Free, Single-Molecule Detection with Optical Microcavities. Science, 2007, 317, 783-787. | 12.6 | 1,066 |
| 149 | Visible continuous emission from a silica microphotonic device by third-harmonic generation. Nature Physics, 2007, 3, 430-435. | 16.7 | 233 |
| 150 | Wavelength-independent bent-fiber coupler to an ultra-high Q cavity demonstrated over 850 nm span. , 2007, , . | | 0 |
| 151 | Transmission characteristics of a Fabry-Perot etalon-microtoroid resonator coupled system. Optics Letters, 2006, 31, 510. | 3.3 | 56 |
| 152 | Heavy water detection using ultra-high-Q microcavities. Optics Letters, 2006, 31, 1896. | 3.3 | 244 |
| 153 | Fiber-taper coupling to Whispering-Gallery modes of fluidic resonators embedded in a liquid medium. Optics Express, 2006, 14, 10800. | 3.4 | 66 |
| 154 | Ultralow threshold on-chip microcavity nanocrystal quantum dot lasers. Applied Physics Letters, 2006, 89, 191124. | 3.3 | 84 |
| 155 | Characterization of a Radiation-Pressure-Driven Micromechanical Oscillator. , 2006, , . | | 1 |
| 156 | Brownian noise in radiation-pressure-driven micromechanical oscillators. Applied Physics Letters, 2006, 89, 261109. | 3.3 | 29 |
| 157 | Characterization of a radiation-pressure-driven micromechanical oscillator. Physical Review A, 2006, 74, . | 2.5 | 89 |
| 158 | Ultralow threshold on-chip toroidal microcavity nanocrystal quantum dot lasers. , 2006, , . | | 0 |
| 159 | Oscillation linewidth and brownian noise in a radiation-pressure-driven opto-mechanical oscillator. , 2006, , . | | 0 |
| 160 | Fiber-taper coupling to Whispering-Gallery modes of a droplet resonator embedded in a liquid medium. , 2006, , . | | 0 |
| 161 | Micro-Molded High Q Polymer Resonators for Optical Loss Determination. Materials Research Society Symposia Proceedings, 2005, 872, 1. | 0.1 | 1 |
| 162 | Temporal Behavior of Radiation-Pressure-Induced Vibrations of an Optical Microcavity Phonon Mode. Physical Review Letters, 2005, 94, 223902. | 7.8 | 468 |

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| 163 | Controlled transition between parametric and Raman oscillations in ultrahigh-Q silica toroidal microcavities. Applied Physics Letters, 2005, 87, 181109. | 3.3 | 38 |
| 164 | Feedback control of ultra-high-Q microcavities: application to micro-Raman lasers and microparametric oscillators. Optics Express, 2005, 13, 3558. | 3.4 | 61 |
| 165 | Observation of Kerr nonlinearity in microcavities at room temperature. Optics Letters, 2005, 30, 427. | 3.3 | 67 |
| 166 | Electrical thermo-optic tuning of ultrahigh-Q microtoroid resonators. Applied Physics Letters, 2004, 85, 5439-5441. | 3.3 | 109 |
| 167 | FABRICATION, COUPLING AND NONLINEAR OPTICS OF ULTRA-HIGH-Q MICRO-SPHERE AND CHIP-BASED TOROID MICROCAVITIES. Advanced Series in Applied Physics, 2004, , 177-238. | 0.0 | 0 |
| 168 | Dynamical thermal behavior and thermal self-stability of microcavities. Optics Express, 2004, 12, 4742. | 3.4 | 727 |
| 169 | Replica-molded high-Q polymer microresonators. Optics Letters, 2004, 29, 533. | 3.3 | 53 |
| 170 | Optical microcavities. Nature, 2003, 424, 839-846. | 27.8 | 4,323 |
| 171 | Compact, fiber-compatible, cascaded Raman laser. Optics Letters, 2003, 28, 1507. | 3.3 | 103 |
| 172 | Highly efficient hybrid fiber taper coupled microsphere laser. Optics Letters, 2001, 26, 884. | 3.3 | 69 |
| 173 | Highly efficient optical power transfer to whispering-gallery modes by use of a symmetrical dual-coupling configuration. Optics Letters, 2000, 25, 260. | 3.3 | 80 |
| 174 | Observation of Critical Coupling in a Fiber Taper to a Silica-Microsphere Whispering-Gallery Mode System. Physical Review Letters, 2000, 85, 74-77. | 7.8 | 793 |
| 175 | Four-wave mixing mediated by the capture of electrons and holes in semiconductor quantum-well laser amplifiers. Applied Physics Letters, 1997, 71, 3601-3603. | 3.3 | 1 |
| 176 | Measurement of the interwell carrier transport lifetime in multiquantumâ€well optical amplifiers by polarizationâ€resolved fourâ€wave mixing. Applied Physics Letters, 1996, 69, 4142-4144. | 3.3 | 13 |
| 177 | Size classification of silicon nanocrystals. Applied Physics Letters, 1996, 68, 3162-3164. | 3.3 | 57 |
| 178 | Synthesis of Size-Classified Silicon Nanocrystals. Materials Research Society Symposia Proceedings, 1995, 405, 259. | 0.1 | 1 |
| 179 | Highly nondegenerate fourâ€wave mixing efficiency of an asymmetric coupled quantum well structure. Applied Physics Letters, 1995, 66, 2619-2621. | 3.3 | 8 |
| 180 | Study of interwell carrier transport by terahertz fourâ€wave mixing in an optical amplifier with tensile and compressively strained quantum wells. Applied Physics Letters, 1994, 65, 1897-1899. | 3.3 | 14 |

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| 181 | Formation of Highly-Uniform and Densely-Packed Arrays of GaAs Dots by Selective Epitaxy. Materials Research Society Symposia Proceedings, 1994, 358, 969. | 0.1 | 1 |
| 182 | Quantum Technology: <i>Quantum Well Lasers</i> . Peter S. Zory, Jr., Ed. Academic Press, San Diego, CA, 1993. xvi, 504 pp., illus. \$75 or £57. Quantum Electronics Science, 1994, 263, 699-699. | 12.6 | 0 |
| 183 | Frequency locking of an erbium-doped fiber ring laser to an external fiber Fabry–Perot resonator. Optics Letters, 1993, 18, 879. | 3.3 | 26 |
| 184 | Terahertz fourâ€wave mixing spectroscopy for study of ultrafast dynamics in a semiconductor optical amplifier. Applied Physics Letters, 1993, 63, 1179-1181. | 3.3 | 84 |
| 185 | Synthesis of luminescent silicon clusters by spark ablation. Applied Physics Letters, 1993, 63, 1549-1551. | 3.3 | 41 |
| 186 | Direct determination of the ambipolar diffusion length in strained InxGa1â^'xAs/InP quantum wells by cathodoluminescence. Applied Physics Letters, 1993, 62, 2411-2412. | 3.3 | 9 |
| 187 | Highly nondegenerate fourâ€wave mixing and gain nonlinearity in a strained multipleâ€quantumâ€well optical amplifier. Applied Physics Letters, 1993, 62, 2301-2303. | 3.3 | 32 |
| 188 | Reduction of the intensity noise from an erbiumâ€doped fiber laser to the standard quantum limit by intracavity spectral filtering. Applied Physics Letters, 1992, 61, 1889-1891. | 3.3 | 25 |
| 189 | Coâ€lasing in an electrically tunable erbiumâ€doped fiber laser. Applied Physics Letters, 1992, 60, 3090-3092. | 3.3 | 12 |
| 190 | Measurements of the intensity noise of a broadly tunable, erbiumâ€doped fiber ring laser, relative to the standard quantum limit. Applied Physics Letters, 1992, 60, 2583-2585. | 3.3 | 7 |
| 191 | Facet modulation selective epitaxyâ^a technique for quantumâ€well wire doublet fabrication. Applied Physics Letters, 1992, 60, 240-242. | 3.3 | 27 |
| 192 | Large (14.5 dB) reduction of intensity noise from a semiconductor laser by amplitudeâ€phase decorrelation. Applied Physics Letters, 1992, 60, 1289-1291. | 3.3 | 2 |
| 193 | Resonanceâ€enhanced spontaneous emission from quantum dots. Journal of Applied Physics, 1992, 72, 806-808. | 2.5 | 10 |
| 194 | Vapor phase synthesis of crystalline nanometerâ€scale GaAs clusters. Applied Physics Letters, 1992, 60, 950-952. | 3.3 | 39 |
| 195 | Semiconductor lasers and fiber lasers for fiber-optic telecommunications. Fiber and Integrated Optics, 1992, 11, 221-234. | 2.5 | 2 |
| 196 | Nanometerâ€scale GaAs clusters from organometallic precursors. Applied Physics Letters, 1992, 61, 696-698. | 3.3 | 51 |
| 197 | Linewidth and frequency jitter measurement of an erbium-doped fiber ring laser by using a loss-compensated, delayed self-heterodyne interferometer. Optics Letters, 1992, 17, 1274. | 3.3 | 24 |
| 198 | Fabrication of semiconductor quantum dots. Journal of Aerosol Science, 1991, 22, S31-S33. | 3.8 | 11 |

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| 199 | All fiber, low threshold, widely tunable singleâ€frequency, erbiumâ€doped fiber ring laser with a tandem fiber Fabry–Perot filter. Applied Physics Letters, 1991, 59, 2369-2371. | 3.3 | 129 |
| 200 | Approximate expressions for modulation speed and threshold for performance optimization of biaxially compressive strain quantumâ€well lasers. Applied Physics Letters, 1991, 59, 3230-3232. | 3.3 | 5 |
| 201 | Polarization dependence of optical absorption and emission in quantum wires. Physical Review B, 1991, 44, 5681-5691. | 3.2 | 97 |
| 202 | Application of a total-angular-momentum basis to quantum-dot band structure. Physical Review Letters, 1990, 65, 239-242. | 7.8 | 62 |
| 203 | Application of selective epitaxy to fabrication of nanometer scale wire and dot structures. Applied Physics Letters, 1990, 56, 2642-2644. | 3.3 | 126 |
| 204 | Intensity noise reduction in semiconductor lasers by amplitudeâ€phase decorrelation. Applied Physics Letters, 1990, 57, 974-976. | 3.3 | 14 |
| 205 | Type II brokenâ€gap quantum wires and quantum dot arrays: A novel concept for selfâ€doping semiconductor nanostructures. Applied Physics Letters, 1990, 57, 1569-1571. | 3.3 | 4 |
| 206 | Analytical technique for determining the polarization dependence of optical matrix elements in quantum wires with bandâ€coupling effects. Applied Physics Letters, 1990, 57, 545-547. | 3.3 | 89 |
| 207 | Self-quenching of fundamental phase and amplitude noise in semiconductor lasers with dispersive loss. Optics Letters, 1990, 15, 1359. | 3.3 | 18 |
| 208 | Analytical formalism for determining quantum-wire and quantum-dot band structure in the multiband envelope-function approximation. Physical Review B, 1990, 42, 3690-3710. | 3.2 | 309 |
| 209 | Cathodoluminescence system for a scanning electron microscope using an optical fiber for light collection. Review of Scientific Instruments, 1989, 60, 226-230. | 1.3 | 19 |
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