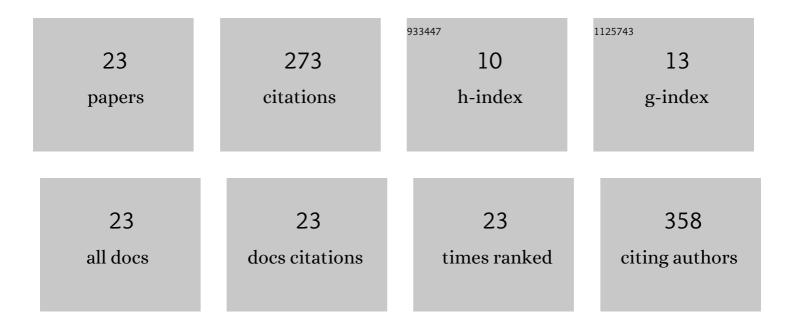
Wataru Yoshiki

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Brillouin lasing in coupled silica toroid microcavities. Applied Physics Letters, 2018, 112, . | 3.3 | 11 |
| 2 | All-optical tunable buffering with coupled ultra-high Q whispering gallery mode microcavities. Scientific Reports, 2017, 7, 10688. | 3.3 | 27 |
| 3 | Dispersion tailoring of a crystalline whispering gallery mode microcavity for optical Kerr frequency comb generation. , 2017, , . | | 0 |
| 4 | Effect on Kerr comb generation in a clockwise and counter-clockwise mode coupled microcavity. Optics Express, 2017, 25, 28969. | 3.4 | 26 |
| 5 | Geometric tuning: spectroscopy using whispering-gallery resonator frequency-synthesizers. Optica, 2017, 4, 1205. | 9.3 | 12 |
| 6 | Brillouin lasing in coupled silica toroid microcavities. , 2017, , . | | 0 |
| 7 | Demonstration of all-optical tunable buffering using coupled ultra-high-Q silica toroid microcavities. , 2017, , . | | Ο |
| 8 | Adiabatic frequency conversion in an ultra-high-Q silica microcavity using the Kerr effect. , 2017, , . | | 0 |
| 9 | Kerr-induced controllable adiabatic frequency conversion in an ultrahigh Q silica toroid microcavity. Optics Letters, 2016, 41, 5482. | 3.3 | 12 |
| 10 | Impact of the photorefractive and pyroelectric-electro-optic effect in lithium niobate on whispering-gallery modes. Optics Letters, 2016, 41, 5474. | 3.3 | 15 |
| 11 | Hysteresis behavior of Kerr frequency comb generation in a high-quality-factor whispering-gallery-mode microcavity. Japanese Journal of Applied Physics, 2016, 55, 072201. | 1.5 | 15 |
| 12 | Time-domain observation of strong coupling between counter-propagating ultra-high Q whispering gallery modes. , 2016, , . | | 2 |
| 13 | The effect on Kerr comb generation in mode coupled WGM microcavity. , 2016, , . | | Ο |
| 14 | Observation of energy oscillation between strongly-coupled counter-propagating ultra-high Q whispering gallery modes. Optics Express, 2015, 23, 30851. | 3.4 | 17 |
| 15 | Broad-bandwidth pulse propagation through ultrahigh-quality-factor microcavity with chirped pulse. Japanese Journal of Applied Physics, 2015, 54, 122201. | 1.5 | 0 |
| 16 | CMOS compatible high-Q photonic crystal nanocavity fabricated with photolithography on silicon photonic platform. Scientific Reports, 2015, 5, 11312. | 3.3 | 46 |
| 17 | Low-power on-chip all-optical Kerr switch with silica microcavity. , 2015, , . | | 0 |
| 18 | Performance of Kerr bistable memory in silicon nitride microring and silica microtoroid. Japanese Journal of Applied Physics, 2014, 53, 122202. | 1.5 | 2 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | All-optical switching using Kerr effect in a silica toroid microcavity. Optics Express, 2014, 22, 24332. | 3.4 | 58 |
| 20 | Demonstration of wavelength tuning of silica toroid microcavity via additional laser reflow. , 2013, , . | | 0 |
| 21 | Revealing conditions required for achieving Kerr bistable memory based on whispering gallery mode cavity. , 2013, , . | | Ο |
| 22 | Analysis of bistable memory in silica toroid microcavity. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 3335. | 2.1 | 13 |
| 23 | Octagonal silica toroidal microcavity for controlled optical coupling. Applied Physics Letters, 2012, 101, 121101. | 3.3 | 17 |