

# Florian Sedlmeir

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

823  
citations

687363

13  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact Millimeter and Submillimeter-Wave Photonic Radiometer for Cubesats. , 2020, , .		1
2	Coherent Conversion Between Microwave and Optical Photonsâ€”An Overview of Physical Implementations. Advanced Quantum Technologies, 2020, 3, 1900077.	3.9	117
3	Nonlinear power dependence of the spectral properties of an optical parametric oscillator below threshold in the quantum regime. New Journal of Physics, 2020, 22, 073045.	2.9	4
4	Electro-Optic Frequency Comb Generation in Lithium Niobate Whispering Gallery Mode Resonators. , 2019, , .		0
5	Resonant electro-optic frequency comb. Nature, 2019, 568, 378-381.	27.8	107
6	Squeezed vacuum states from a whispering gallery mode resonator. Optica, 2019, 6, 1375.	9.3	27
7	Resonant Electro-optic Frequency Comb Generation in Lithium Niobate Disk Resonator inside a Microwave Cavity. , 2019, , .		0
8	Selective Coupling Enhances Harmonic Generation of Whispering-Gallery Modes. Physical Review Applied, 2018, 9, .	3.8	12
9	Towards terahertz detection and calibration through spontaneous parametric down-conversion in the terahertz idler-frequency range generated by a 795 nm diode laser system. APL Photonics, 2018, 3, 051704.	5.7	17
10	Sensitivity limits of millimeter-wave photonic radiometers based on efficient electro-optic upconverters. Optica, 2018, 5, 1210.	9.3	24
11	Polarization-Selective Out-Coupling of Whispering-Gallery Modes. Physical Review Applied, 2017, 7, .	3.8	18
12	Single sideband microwave to optical photon conversion â€” an electro-optic realization. , 2017, , .		0
13	Dielectric tuning and coupling of whispering gallery modes using an anisotropic prism. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 2177.	2.1	13
14	Efficient microwave to optical photon conversion: an electro-optical realization. Optica, 2016, 3, 597.	9.3	174
15	Nonlinear single sideband microwave to optical conversion using an electro-optic WGM-resonator. , 2016, , .		0
16	Towards two-photon interference with a whispering gallery photon pair source. , 2016, , .		0
17	Dielectric Rod Waveguide Antenna as THz Emitter for Photomixing Devices. IEEE Transactions on Antennas and Propagation, 2015, 63, 882-890.	5.1	46
18	Highly efficient generation of single-mode photon pairs from a crystalline whispering-gallery-mode resonator source. Physical Review A, 2015, 91, .	2.5	44

#	ARTICLE	IF	CITATIONS
19	Interfacing transitions of different alkali atoms and telecom bands using one narrowband photon pair source. <i>Optica</i> , 2015, 2, 773.	9.3	47
20	High-Q MgF <sub>2</sub> whispering gallery mode resonators for refractometric sensing in aqueous environment. <i>Optics Express</i> , 2014, 22, 30934.	3.4	94
21	Identifying modes of large whispering-gallery mode resonators from the spectrum and emission pattern. <i>Optics Express</i> , 2014, 22, 30795.	3.4	53
22	Experimental characterization of an uniaxial angle cut whispering gallery mode resonator. <i>Optics Express</i> , 2013, 21, 23942.	3.4	25