

# Florian Sedlmeir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11988050/publications.pdf>

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22  
papers

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citations

687363

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h-index

940533

16  
g-index

22  
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22  
docs citations

22  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient microwave to optical photon conversion: an electro-optical realization. <i>Optica</i> , 2016, 3, 597.	9.3	174
2	Coherent Conversion Between Microwave and Optical Photons—An Overview of Physical Implementations. <i>Advanced Quantum Technologies</i> , 2020, 3, 1900077.	3.9	117
3	Resonant electro-optic frequency comb. <i>Nature</i> , 2019, 568, 378-381.	27.8	107
4	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
5	Identifying modes of large whispering-gallery mode resonators from the spectrum and emission pattern. <i>Optics Express</i> , 2014, 22, 30795.	3.4	53
6	Interfacing transitions of different alkali atoms and telecom bands using one narrowband photon pair source. <i>Optica</i> , 2015, 2, 773.	9.3	47
7	Dielectric Rod Waveguide Antenna as THz Emitter for Photomixing Devices. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 882-890.	5.1	46
8	Highly efficient generation of single-mode photon pairs from a crystalline whispering-gallery-mode resonator source. <i>Physical Review A</i> , 2015, 91, .	2.5	44
9	Squeezed vacuum states from a whispering gallery mode resonator. <i>Optica</i> , 2019, 6, 1375.	9.3	27
10	Experimental characterization of an uniaxial angle cut whispering gallery mode resonator. <i>Optics Express</i> , 2013, 21, 23942.	3.4	25
11	Sensitivity limits of millimeter-wave photonic radiometers based on efficient electro-optic upconverters. <i>Optica</i> , 2018, 5, 1210.	9.3	24
12	Polarization-Selective Out-Coupling of Whispering-Gallery Modes. <i>Physical Review Applied</i> , 2017, 7, .	3.8	18
13	Towards terahertz detection and calibration through spontaneous parametric down-conversion in the terahertz idler-frequency range generated by a 795 nm diode laser system. <i>APL Photonics</i> , 2018, 3, 051704.	5.7	17
14	Dielectric tuning and coupling of whispering gallery modes using an anisotropic prism. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 2177.	2.1	13
15	Selective Coupling Enhances Harmonic Generation of Whispering-Gallery Modes. <i>Physical Review Applied</i> , 2018, 9, .	3.8	12
16	Nonlinear power dependence of the spectral properties of an optical parametric oscillator below threshold in the quantum regime. <i>New Journal of Physics</i> , 2020, 22, 073045.	2.9	4
17	Compact Millimeter and Submillimeter-Wave Photonic Radiometer for Cubesats. , 2020, , .		1
18	Electro-Optic Frequency Comb Generation in Lithium Niobate Whispering Gallery Mode Resonators. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Nonlinear single sideband microwave to optical conversion using an electro-optic WGM-resonator. , 2016, , .		0
20	Towards two-photon interference with a whispering gallery photon pair source. , 2016, , .		0
21	Single sideband microwave to optical photon conversion " an electro-optic realization. , 2017, , .		0
22	Resonant Electro-optic Frequency Comb Generation in Lithium Niobate Disk Resonator inside a Microwave Cavity. , 2019, , .		0