

# Ulrich Vogl

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8329635/ulrich-vogl-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

563  
citations

14  
h-index

23  
g-index

51  
ext. papers

686  
ext. citations

6.3  
avg, IF

3.52  
L-index

#	Paper	IF	Citations
29	Efficient microwave to optical photon conversion: an electro-optical realization. <i>Optica</i> , <b>2016</b> , 3, 597	8.6	124
28	Identifying modes of large whispering-gallery mode resonators from the spectrum and emission pattern. <i>Optics Express</i> , <b>2014</b> , 22, 30795-806	3.3	44
27	Laser cooling by collisional redistribution of radiation. <i>Nature</i> , <b>2009</b> , 461, 70-3	50.4	43
26	Stimulated generation of superluminal light pulses via four-wave mixing. <i>Physical Review Letters</i> , <b>2012</b> , 108, 173902	7.4	41
25	Interfacing transitions of different alkali atoms and telecom bands using one narrowband photon pair source. <i>Optica</i> , <b>2015</b> , 2, 773	8.6	36
24	Quantum mutual information of an entangled state propagating through a fast-light medium. <i>Nature Photonics</i> , <b>2014</b> , 8, 515-519	33.9	33
23	Temporal shaping of single photons enabled by entanglement. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	21
22	Laser-induced cooling of broadband heat reservoirs. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	20
21	Advanced detection of information in optical pulses with negative group velocity. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	18
20	Demonstration of images with negative group velocities. <i>Optics Express</i> , <b>2012</b> , 20, 13702-10	3.3	18
19	Squeezed vacuum states from a whispering gallery mode resonator. <i>Optica</i> , <b>2019</b> , 6, 1375	8.6	18
18	Polarization-Selective Out-Coupling of Whispering-Gallery Modes. <i>Physical Review Applied</i> , <b>2017</b> , 7,	4.3	16
17	Advanced quantum noise correlations. <i>New Journal of Physics</i> , <b>2014</b> , 16, 013011	2.9	16
16	Spectroscopy of atomic rubidium at 500Bar buffer gas pressure: Approaching the thermal equilibrium of dressed atom-light states. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	15
15	Experimental characterization of Gaussian quantum discord generated by four-wave mixing. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	14
14	Collisional redistribution laser cooling of a high-pressure atomic gas. <i>Journal of Modern Optics</i> , <b>2011</b> , 58, 1300-1309	1.1	13
13	Near-infrared single-photon spectroscopy of a whispering gallery mode resonator using energy-resolving transition edge sensors. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 065501	1.7	12

12	Frequency tuning of single photons from a whispering-gallery mode resonator to MHz-wide transitions. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 2058-2073	1.1	12
11	Atomic mercury vapor inside a hollow-core photonic crystal fiber. <i>Optics Express</i> , <b>2014</b> , 22, 29375-81	3.3	10
10	Thermalization of coupled atom-light states in the presence of optical collisions. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	10
9	Evading Vacuum Noise: Wigner Projections or Husimi Samples?. <i>Physical Review Letters</i> , <b>2016</b> , 117, 070801	1.4	10
8	Light confinement by a cylindrical metallic waveguide in a dense buffer-gas environment. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	8
7	Laser cooling of a potassium-argon gas mixture using collisional redistribution of radiation. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 102, 503-507	1.9	6
6	Cooled by Light. <i>German Research</i> , <b>2011</b> , 33, 19-21	0.1	1
5	Laser cooling of dense rubidium-noble gas mixtures via collisional redistribution of radiation <b>2012</b> ,		1
4	Nonlinear power dependence of the spectral properties of an optical parametric oscillator below threshold in the quantum regime. <i>New Journal of Physics</i> , <b>2020</b> , 22, 073045	2.9	1
3	Interference-contrast optical activity: a new technique for probing the chirality of anisotropic samples and more. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 192201	3.3	1
2	Generation of non-classical light via self-induced transparency in mercury-filled hollow core photonic crystal fibers <b>2016</b> ,		1
1	Vom Licht gekflt. <i>Forschung</i> , <b>2010</b> , 35, 23-25	0	