

Ulrich Vogl

List of Publications by Year in Descending Order

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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	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	1
28	Interference-contrast optical activity: a new technique for probing the chirality of anisotropic samples and more. <i>Royal Society Open Science</i> , 2020 , 7, 192201	3.3	1
27	Squeezed vacuum states from a whispering gallery mode resonator. <i>Optica</i> , 2019 , 6, 1375	8.6	18
26	Polarization-Selective Out-Coupling of Whispering-Gallery Modes. <i>Physical Review Applied</i> , 2017 , 7,	4.3	16
25	Temporal shaping of single photons enabled by entanglement. <i>Physical Review A</i> , 2017 , 96,	2.6	21
24	Frequency tuning of single photons from a whispering-gallery mode resonator to MHz-wide transitions. <i>Journal of Modern Optics</i> , 2016 , 63, 2058-2073	1.1	12
23	Generation of non-classical light via self-induced transparency in mercury-filled hollow core photonic crystal fibers 2016 ,		1
22	Efficient microwave to optical photon conversion: an electro-optical realization. <i>Optica</i> , 2016 , 3, 597	8.6	124
21	Evading Vacuum Noise: Wigner Projections or Husimi Samples?. <i>Physical Review Letters</i> , 2016 , 117, 070801	11.4	10
20	Laser-induced cooling of broadband heat reservoirs. <i>Physical Review A</i> , 2015 , 91,	2.6	20
19	Near-infrared single-photon spectroscopy of a whispering gallery mode resonator using energy-resolving transition edge sensors. <i>Journal of Optics (United Kingdom)</i> , 2015 , 17, 065501	1.7	12
18	Interfacing transitions of different alkali atoms and telecom bands using one narrowband photon pair source. <i>Optica</i> , 2015 , 2, 773	8.6	36
17	Advanced quantum noise correlations. <i>New Journal of Physics</i> , 2014 , 16, 013011	2.9	16
16	Quantum mutual information of an entangled state propagating through a fast-light medium. <i>Nature Photonics</i> , 2014 , 8, 515-519	33.9	33
15	Atomic mercury vapor inside a hollow-core photonic crystal fiber. <i>Optics Express</i> , 2014 , 22, 29375-81	3.3	10
14	Identifying modes of large whispering-gallery mode resonators from the spectrum and emission pattern. <i>Optics Express</i> , 2014 , 22, 30795-806	3.3	44
13	Experimental characterization of Gaussian quantum discord generated by four-wave mixing. <i>Physical Review A</i> , 2013 , 87,	2.6	14

12	Advanced detection of information in optical pulses with negative group velocity. <i>Physical Review A</i> , 2012 , 86,	2.6	18
11	Stimulated generation of superluminal light pulses via four-wave mixing. <i>Physical Review Letters</i> , 2012 , 108, 173902	7.4	41
10	Demonstration of images with negative group velocities. <i>Optics Express</i> , 2012 , 20, 13702-10	3.3	18
9	Laser cooling of dense rubidium-noble gas mixtures via collisional redistribution of radiation 2012 ,		1
8	Light confinement by a cylindrical metallic waveguide in a dense buffer-gas environment. <i>Physical Review A</i> , 2011 , 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> , 2011 , 102, 503-507	1.9	6
6	Cooled by Light. <i>German Research</i> , 2011 , 33, 19-21	0.1	1
5	Collisional redistribution laser cooling of a high-pressure atomic gas. <i>Journal of Modern Optics</i> , 2011 , 58, 1300-1309	1.1	13
4	Thermalization of coupled atom-light states in the presence of optical collisions. <i>Physical Review A</i> , 2010 , 81,	2.6	10
3	Vom Licht gekflt. <i>Forschung</i> , 2010 , 35, 23-25	0	
2	Laser cooling by collisional redistribution of radiation. <i>Nature</i> , 2009 , 461, 70-3	50.4	43
1	Spectroscopy of atomic rubidium at 500Bar buffer gas pressure: Approaching the thermal equilibrium of dressed atom-light states. <i>Physical Review A</i> , 2008 , 78,	2.6	15