

Thorsten Peters

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.

17
papers

352
citations

12
h-index

18
g-index

19
ext. papers

388
ext. citations

2.9
avg, IF

3
L-index

#	Paper	IF	Citations
17	Single-photon-level narrowband memory in a hollow-core photonic bandgap fiber. <i>Optics Express</i> , 2020 , 28, 5340-5354	3.3	6
16	Optimal pulse propagation in an inhomogeneously gas-filled hollow-core fiber. <i>Physical Review A</i> , 2019 , 100,	2.6	1
15	Laser frequency stabilization by bichromatic saturation absorption spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017 , 34, 2018	1.7	5
14	Stationary light pulses and narrowband light storage in a laser-cooled ensemble loaded into a hollow-core fiber. <i>Physical Review A</i> , 2016 , 94,	2.6	24
13	One-dimensional ultracold medium of extreme optical depth. <i>Optics Letters</i> , 2014 , 39, 446-9	3	30
12	Formation of stationary light in a medium of nonstationary atoms. <i>Physical Review A</i> , 2012 , 85,	2.6	16
11	Highly efficient broadband conversion of light polarization by composite retarders. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012 , 29, 265-9	1.8	28
10	Variable ultrabroadband and narrowband composite polarization retarders. <i>Applied Optics</i> , 2012 , 51, 7466-74	1.7	19
9	Thermometry of ultracold atoms by electromagnetically induced transparency. <i>Physical Review A</i> , 2012 , 85,	2.6	14
8	Observation of phase variation within stationary light pulses inside a cold atomic medium. <i>Optics Letters</i> , 2010 , 35, 151-3	3	9
7	Optimizing the retrieval efficiency of stored light pulses. <i>Optics Express</i> , 2009 , 17, 6665-75	3.3	12
6	Stationary light pulses in cold atomic media and without Bragg gratings. <i>Physical Review Letters</i> , 2009 , 102, 213601	7.4	98
5	Stimulated Raman adiabatic passage via the ionization continuum in helium: Experiment and theory. <i>Optics Communications</i> , 2007 , 271, 475-486	2	16
4	Direct measurement of the Atom number in a Bose condensate. <i>Optics Express</i> , 2007 , 15, 12114-22	3.3	7
3	Autoionizing even Rydberg series of Ne: a comparison of many-electron theory and experiment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006 , 39, 3159-3176	1.3	15
2	Lineshapes of the even $mp_{1/2} 5n(p?/f?)$ autoionizing resonances of Ar, Kr and Xe. <i>European Physical Journal D</i> , 2006 , 40, 181-193	1.3	18
1	Experimental demonstration of selective coherent population transfer via a continuum. <i>Physical Review Letters</i> , 2005 , 95, 103601	7.4	34

