

# Thorsten Peters

## List of Publications by Citations

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

