

# Thorsten Peters

## List of Publications by Year in descending order

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19  
papers

419  
citations

759190

12  
h-index

839512

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stationary Light Pulses in Cold Atomic Media and without Bragg Gratings. Physical Review Letters, 2009, 102, 213601.	7.8	109
2	One-dimensional ultracold medium of extreme optical depth. Optics Letters, 2014, 39, 446.	3.3	40
3	Highly efficient broadband conversion of light polarization by composite retarders. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 265.	1.5	35
4	Experimental Demonstration of Selective Coherent Population Transfer via a Continuum. Physical Review Letters, 2005, 95, 103601.	7.8	34
5	Stationary light pulses and narrowband light storage in a laser-cooled ensemble loaded into a hollow-core fiber. Physical Review A, 2016, 94, .	2.5	30
6	Variable ultrabroadband and narrowband composite polarization retarders. Applied Optics, 2012, 51, 7466.	1.8	25
7	Lineshapes of the even $m_{l=2}$ $5n(p\hat{\epsilon}^2/f\hat{\alpha}^2)$ autoionizing resonances of Ar, Kr and Xe. European Physical Journal D, 2006, 40, 181-193.	1.3	19
8	Stimulated Raman adiabatic passage via the ionization continuum in helium: Experiment and theory. Optics Communications, 2007, 271, 475-486.	2.1	17
9	Thermometry of ultracold atoms by electromagnetically induced transparency. Physical Review A, 2012, 85, .	2.5	17
10	Formation of stationary light in a medium of nonstationary atoms. Physical Review A, 2012, 85, .	2.5	17
11	Autoionizing even Rydberg series of Ne: a comparison of many-electron theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3159-3176.	1.5	15
12	Optimizing the retrieval efficiency of stored light pulses. Optics Express, 2009, 17, 6665.	3.4	14
13	Single-photon-level narrowband memory in a hollow-core photonic bandgap fiber. Optics Express, 2020, 28, 5340.	3.4	12
14	Observation of phase variation within stationary light pulses inside a cold atomic medium. Optics Letters, 2010, 35, 151.	3.3	10
15	Laser frequency stabilization by bichromatic saturation absorption spectroscopy. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2018.	2.1	9
16	Direct measurement of the Atom number in a Bose condensate. Optics Express, 2007, 15, 12114.	3.4	7
17	Optimal pulse propagation in an inhomogeneously gas-filled hollow-core fiber. Physical Review A, 2019, 100, .	2.5	6
18	Loading and spatially resolved characterization of a cold atomic ensemble inside a hollow-core fiber. Physical Review A, 2021, 103, .	2.5	3

#	ARTICLE	IF	CITATIONS
19	Determination of the Atom Number in a Bose Condensate by Optical Pumping. , 2007, , .		0