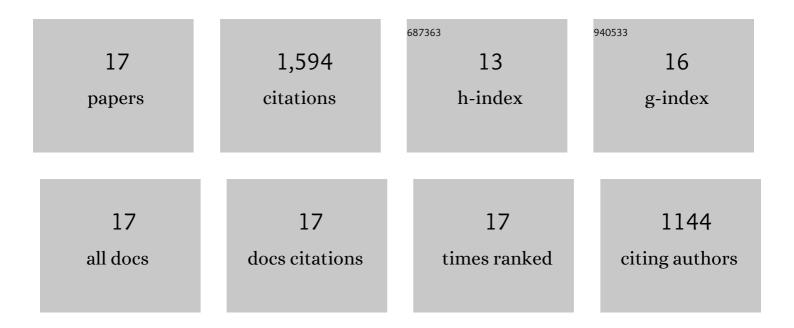
Peter Domokos

List of Publications by Year in descending order

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DETED DOMOKOS

#	Article	IF	CITATIONS
1	Collection efficiency of optical photons generated from microwave excitations of a Bose-Einstein condensate. Physical Review A, 2022, 105, .	2.5	0
2	Quantum noise in a transversely-pumped-cavity Bose-Hubbard model. Physical Review A, 2018, 97, .	2.5	5
3	Bistability effect in the extreme strong coupling regime of the Jaynes-Cummings model. European Physical Journal D, 2015, 69, 1.	1.3	11
4	Elimination of theA-Square Problem from Cavity QED. Physical Review Letters, 2014, 112, 073601.	7.8	85
5	Cold atoms in cavity-generated dynamical optical potentials. Reviews of Modern Physics, 2013, 85, 553-601.	45.6	664
6	Optomechanical Cooling with Generalized Interferometers. Physical Review Letters, 2010, 105, 013602.	7.8	22
7	Scattering theory of cooling and heating in optomechanical systems. Physical Review A, 2009, 79, .	2.5	49
8	Prospects for the cavity-assisted laser cooling of molecules. Physical Review A, 2008, 77, .	2.5	70
9	Entanglement assisted fast reordering of atoms in an optical lattice within a cavity at T=0. Optics Communications, 2007, 273, 446-450.	2.1	24
10	Collective Cooling of Atoms in a Ring Cavity. Acta Physica Hungarica A Heavy Ion Physics, 2006, 26, 141-148.	0.4	5
11	Theory of a single-atom laser including light forces. Physical Review A, 2005, 72, .	2.5	14
12	Anomalous Doppler-Effect and Polariton-Mediated Cooling of Two-Level Atoms. Physical Review Letters, 2004, 92, 103601.	7.8	19
13	Correlated motion of two atoms trapped in a single-mode cavity field. Physical Review A, 2004, 70, .	2.5	37
14	Mechanical effects of light in optical resonators. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 1098.	2.1	160
15	Dissipative motion of an atom with transverse coherent driving in a cavity with many degenerate modes. Physical Review A, 2002, 66, .	2.5	25
16	Collective Cooling and Self-Organization of Atoms in a Cavity. Physical Review Letters, 2002, 89, 253003.	7.8	327
17	Semiclassical theory of cavity-assisted atom cooling. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 187-198.	1.5	77