

# Marcin Witkowski

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

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citations

1307594

7  
h-index

1281871

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g-index

20  
all docs

20  
docs citations

20  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute frequency measurement of rubidium $5S \leftarrow 7S$ two-photon transitions. Optics Letters, 2013, 38, 4581.	3.3	21
2	Dual Hg-Rb magneto-optical trap. Optics Express, 2017, 25, 3165.	3.4	21
3	Absolute frequency and isotope shift measurements of mercury $^1S_0 \leftarrow ^3P_1$ transition. Optics Express, 2019, 27, 11069.	3.4	17
4	Free-fall expansion of finite-temperature Bose-Einstein condensed gas in the non-Thomas-Fermi regime. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 241001.	1.5	12
5	Laser frequency stabilization by magnetically assisted rotation spectroscopy. Optics Communications, 2011, 284, 1247-1253.	2.1	12
6	Analysis and calibration of absorptive images of Bose-Einstein condensate at nonzero temperatures. Review of Scientific Instruments, 2009, 80, 053103.	1.3	10
7	Photoionization cross sections of the $5S_{1/2}$ and $5P_{3/2}$ states of Rb in simultaneous magneto-optical trapping of Rb and Hg. Physical Review A, 2018, 98, .	2.5	7
8	Studies of the Hydrodynamic Properties of Bose-Einstein Condensate of $^{87}\text{Rb}$ Atoms in a Magnetic Trap. Acta Physica Polonica A, 2008, 113, 691-705.	0.5	6
9	Optimal geometry for efficient loading of an optical dipole trap. Physical Review A, 2009, 79, .	2.5	4
10	Light Yield and Timing Characteristics of $\text{Lu}^{\text{Al}}, \text{Gd}^{\text{Al}}, (\text{Al}_{0.5}\text{Gax})\text{O}^{\text{Al}}, \text{Ce}, \text{Mg}$ Single Crystals. IEEE Transactions on Nuclear Science, 2020, 67, 2295-2299.	2.0	4
11	Effect of thermal annealing in air on scintillation properties of LuAG and LuAG:Pr. Open Physics, 2013, 11, .	1.7	3
12	Experiments on the dynamics of the Bose-Einstein condensate at finite temperatures. Physica Scripta, 2009, T135, 014028.	2.5	2
13	Matter-wave interference versus spontaneous pattern formation in spinor Bose-Einstein condensates. Physical Review A, 2013, 88, .	2.5	2
14	Line shape measurements of rubidium $5S-7S$ two-photon transition. Journal of Physics: Conference Series, 2014, 548, 012023.	0.4	2
15	Production and study of spinor condensates of $^{87}\text{Rb}$ released from a magnetic trap. , 2009, , .		0
16	Testing optical clock calibration procedures: Absolute frequency measurement of rubidium $5S-7S$ two-photon transitions. , 2013, , .		0
17	Experimental set-up for study of collisions of cold mercury atoms for optical frequency clocks. , 2014, , .		0
18	Interactions of Ultra-cold Alkaline-earth-like and Alkali Atoms with Light. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Towards a Continuous Active Optical Atomic Clock With Cold Strontium Atoms. , 2021, , .		0
20	Photoionization cross sections of ultracold $^{88}\text{Sr}$ in $^1\text{P}_1$ and $^3\text{S}_1$ states at 390 nm and the resulting blue-detuned magic wavelength optical lattice clock constraints. Optics Express, 2022, 30, 21423.	3.4	0