

Marcin Witkowski

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

123
citations

1307594

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1281871

11
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Photoionization cross sections of ultracold ^{88}Sr in $1P_{1/2}$ and $3S_{1/2}$ states at 390 nm and the resulting blue-detuned magic wavelength optical lattice clock constraints. Optics Express, 2022, 30, 21423.	3.4	0
2	Towards a Continuous Active Optical Atomic Clock With Cold Strontium Atoms. , 2021, , .		0
3	Light Yield and Timing Characteristics of ^{152}Eu , ^{154}Gd , ^{152}Eu , ^{154}Gd , ^{152}Eu , ^{154}Gd Single Crystals. IEEE Transactions on Nuclear Science, 2020, 67, 2295-2299.	2.0	4
4	Interactions of Ultra-cold Alkaline-earth-like and Alkali Atoms with Light. , 2019, , .		0
5	Absolute frequency and isotope shift measurements of mercury $1S_{0} \rightarrow 3P_{1/2}$ transition. Optics Express, 2019, 27, 11069.	3.4	17
6	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
7	Dual Hg-Rb magneto-optical trap. Optics Express, 2017, 25, 3165.	3.4	21
8	Line shape measurements of rubidium $5S-7S$ two-photon transition. Journal of Physics: Conference Series, 2014, 548, 012023.	0.4	2
9	Experimental set-up for study of collisions of cold mercury atoms for optical frequency clocks. , 2014, , .		0
10	Effect of thermal annealing in air on scintillation properties of LuAG and LuAG:Pr. Open Physics, 2013, 11, .	1.7	3
11	Absolute frequency measurement of rubidium $5S \rightarrow 7S$ two-photon transitions. Optics Letters, 2013, 38, 4581.	3.3	21
12	Testing optical clock calibration procedures: Absolute frequency measurement of rubidium $5S-7S$ two-photon transitions. , 2013, , .		0
13	Matter-wave interference versus spontaneous pattern formation in spinor Bose-Einstein condensates. Physical Review A, 2013, 88, .	2.5	2
14	Laser frequency stabilization by magnetically assisted rotation spectroscopy. Optics Communications, 2011, 284, 1247-1253.	2.1	12
15	Analysis and calibration of absorptive images of Bose-Einstein condensate at nonzero temperatures. Review of Scientific Instruments, 2009, 80, 053103.	1.3	10
16	Optimal geometry for efficient loading of an optical dipole trap. Physical Review A, 2009, 79, , .	2.5	4
17	Production and study of spinor condensates of ^{87}Rb released from a magnetic trap. , 2009, , .		0
18	Experiments on the dynamics of the Bose-Einstein condensate at finite temperatures. Physica Scripta, 2009, T135, 014028.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Free-fall expansion of finite-temperature Bose-Einstein condensed gas in the non-Thomas-Fermi regime. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 241001.	1.5	12
20	Studies of the Hydrodynamic Properties of Bose-Einstein Condensate of ⁸⁷ Rb Atoms in a Magnetic Trap. <i>Acta Physica Polonica A</i> , 2008, 113, 691-705.	0.5	6