

Christophe Salomon

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,658
citations

361045

20
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

2405
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the foundations of the physical universe with space tests of the equivalence principle. <i>Experimental Astronomy</i> , 2021, 51, 1695-1736.	1.6	20
2	Testing gravity with cold-atom clocks in space. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	23
3	24-watts second-harmonic generation in ppZnO:LN ridge waveguide for lithium laser cooling. <i>Optics Express</i> , 2017, 25, 14840.	1.7	17
4	Microwave lensing frequency shift of the PHARAO laser-cooled microgravity atomic clock. <i>Metrologia</i> , 2016, 53, 899-907.	0.6	8
5	Universal Loss Dynamics in a Unitary Bose Gas. <i>Physical Review X</i> , 2016, 6, .	2.8	41
6	Critical Velocity and Dissipation of an Ultracold Bose-Fermi Counterflow. <i>Physical Review Letters</i> , 2015, 115, 265303.	2.9	77
7	The ACES/PHARAO space mission. <i>Comptes Rendus Physique</i> , 2015, 16, 540-552.	0.3	60
8	La vitesse critique de Landau d'une particule dans un superfluide de fermions. <i>Comptes Rendus Physique</i> , 2015, 16, 241-253.	0.3	29
9	Sub-Doppler cooling of fermionic lithium atoms. <i>Physical Review Letters</i> , 2013, 111, 215304.	1.0	42
10	Precision Measurement of the Hydrogen Lyman- α Frequency via a 920-km Fiber Link. <i>Physical Review Letters</i> , 2013, 110, 230801.	2.9	169
11	Realizing a Kondo-Correlated State with Ultracold Atoms. <i>Physical Review Letters</i> , 2013, 111, 215304.	2.9	69
12	Enhanced sub-Doppler cooling of lithium atoms in gray molasses. <i>Physical Review A</i> , 2013, 87, .	1.0	88
13	Reply to comment on: "Does an atom interferometer test the gravitational redshift at the Compton frequency?". <i>Classical and Quantum Gravity</i> , 2012, 29, 048002.	1.5	12
14	Improved Measurement of the Hydrogen Lyman- α Frequency. <i>Physical Review Letters</i> , 2011, 107, 203001.	2.9	343
15	Dynamics and Thermodynamics of the Low-Temperature Strongly Interacting Bose Gas. <i>Physical Review Letters</i> , 2011, 107, 135301.	2.9	106
16	Does an atom interferometer test the gravitational redshift at the Compton frequency?. <i>Classical and Quantum Gravity</i> , 2011, 28, 145017.	1.5	80
17	Atom gravimeters and gravitational redshift. <i>Nature</i> , 2010, 467, E1-E1.	13.7	53
18	Cooling fermionic atoms in optical lattices by shaping the confinement. <i>Physical Review A</i> , 2009, 79, .	1.0	89

#	ARTICLE	IF	CITATIONS
19	Measuring the One-Particle Excitations of Ultracold Fermionic Atoms by Stimulated Raman Spectroscopy. Physical Review Letters, 2007, 98, 240402.	2.9	98
20	Simultaneous magneto-optical trapping of two lithium isotopes. Physical Review A, 1999, 61, .	1.0	71
21	High-power multiple-frequency narrow-linewidth laser source based on a semiconductor tapered amplifier. Optics Letters, 1999, 24, 151.	1.7	40
22	Bloch oscillations of atoms, adiabatic rapid passage, and monokinetic atomic beams. Physical Review A, 1997, 55, 2989-3001.	1.0	158
23	New Light on Quantum Transport. Physics Today, 1997, 50, 30-34.	0.3	160
24	Bloch Oscillations of Atoms in an Optical Potential. Physical Review Letters, 1996, 76, 4508-4511.	2.9	805