

Yoshio Torii

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,748
citations

686830

13
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum sensing of the electron electric dipole moment using ultracold entangled Fr atoms. Quantum Science and Technology, 2021, 6, 044008.	2.6	5
2	Doppler-free spectroscopy of metastable Sr atoms using a hollow cathode lamp. Applied Optics, 2018, 57, 1450.	0.9	5
3	A simplified 461-nm laser system using blue laser diodes and a hollow cathode lamp for laser cooling of Sr. Review of Scientific Instruments, 2013, 84, 063101.	0.6	47
4	Photoionization loss in simultaneous magneto-optical trapping of Rb and Sr. Physical Review A, 2013, 87, .	1.0	13
5	Buffer-gas-assisted polarization spectroscopy of Li6. Optics Letters, 2012, 37, 2865.	1.7	9
6	A 461 nm Laser System and Hollow-Cathode Lamp Spectroscopy for Magneto-Optical Trapping of Sr Atoms. Journal of the Physical Society of Japan, 2012, 81, 034401.	0.7	8
7	Laser-phase and frequency stabilization using atomic coherence. Physical Review A, 2012, 86, .	1.0	18
8	Precise intensity correlation measurement for atomic resonance fluorescence from optical molasses. Optics Express, 2010, 18, 6604.	1.7	19
9	Long storage time of collective coherence in an optically trapped Bose-Einstein condensate. Physical Review A, 2009, 79, .	1.0	6
10	Design of a high-Q air-slot cavity based on a width-modulated line-defect in a photonic crystal slab. Optics Express, 2008, 16, 13809.	1.7	83
11	Strong radiation force induced in two-dimensional photonic crystal slab cavities. Physical Review B, 2008, 78, .	1.1	28
12	Holographic Storage of Multiple Coherence Gratings in a Bose-Einstein Condensate. Physical Review Letters, 2007, 99, 220407.	2.9	11
13	Large atom number Bose-Einstein condensate machines. Review of Scientific Instruments, 2006, 77, 023106.	0.6	73
14	Superradiant Light Scattering from Thermal Atomic Vapors. Physical Review Letters, 2005, 94, 083602.	2.9	46
15	Observation of superradiant Raman scattering in a Bose-Einstein condensate. Physical Review A, 2004, 69, .	1.0	58
16	Frequency Stabilization of a Laser Diode with Use of Light-Induced Birefringence in an Atomic Vapor. Applied Optics, 2003, 42, 6645.	2.1	65
17	The Onset of Matter-Wave Amplification in a Superradiant Bose-Einstein Condensate. Science, 2003, 300, 475-478.	6.0	170
18	Mach-Zehnder Bragg interferometer for a Bose-Einstein condensate. Physical Review A, 2000, 61, .	1.0	113

#	ARTICLE	IF	CITATIONS
19	Laser Cooling and Bose-Einstein Condensation. Experimental Techniques for Bose-Einstein Condensation of Rubidium Atoms.. The Review of Laser Engineering, 2000, 28, 147-153.	0.0	1
20	Phase-Coherent Amplification of Matter Waves. Science, 1999, 286, 2309-2312.	6.0	170
21	Report on CLEO/QELS'99. The Review of Laser Engineering, 1999, 27, 553-571.	0.0	0
22	Novel Optical Trap of Atoms with a Doughnut Beam. Physical Review Letters, 1997, 78, 4713-4716.	2.9	798
23	Birefringent atomic vapor laser lock in a hollow cathode lamp. Journal of the Optical Society of America B: Optical Physics, 0, , .	0.9	2