Tetsushi Takano

List of Publications by Year
in descending order

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16	944	933447 10	1199594 12
papers	citations	h-index	g-index

17	17	17	943
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin-Singlet Bose-Einstein Condensation of Two-Electron Atoms. Physical Review Letters, 2003, 91, 040404.	7.8	329
2	Geopotential measurements with synchronously linked optical lattice clocks. Nature Photonics, 2016, 10, 662-666.	31.4	176
3	Frequency comparison of optical lattice clocks beyond the Dick limit. Nature Photonics, 2011, 5, 288-292.	31.4	121
4	Direct Comparison of Distant Optical Lattice Clocks at the 10^{-16} Uncertainty. Applied Physics Express, 2011, 4, 082203.	2.4	87
5	Lamb-Dicke spectroscopy of atoms in a hollow-core photonic crystal fibre. Nature Communications, 2014, 5, 4096.	12.8	79
6	Frequency ratios of Sr, Yb, and Hg based optical lattice clocks and their applications. Comptes Rendus Physique, 2015, 16, 489-498.	0.9	67
7	30-km-long optical fiber link at 1397 nm for frequency comparison between distant strontium optical lattice clocks. Japanese Journal of Applied Physics, 2014, 53, 032801.	1.5	22
8	Precise determination of the isotope shift of⁸⁸Srâ€“⁸⁷Sr optical lattice clock by sharing perturbations. Applied Physics Express, 2017, 10, 072801.	2.4	20
9	Manipulation of Nonclassical Atomic Spin States. Physical Review Letters, 2010, 104, 013602.	7.8	18
10	10 W injection-locked single-frequency continuous-wave titanium:sapphire laser. Optics Express, 2021, 29, 6927.	3.4	13
11	Observation of Nonlinearity of Generalized King Plot in the Search for New Boson. Physical Review X, 2022, 12, .	8.9	10
12	Optical lattice clocks and frequency comparison. Journal of Physics: Conference Series, 2011, 264, 012011.	0.4	1
13	A 30-km-long optical fiber link for frequency comparison between distant strontium optical lattice clocks. , 2013, , .		1
14	Synchronous frequency comparison of optical lattice clocks to approach the quantum limit. , 2011, , .		0
15	Frequency comparison of optical lattice clocks. , 2011, , .		0
16	Engineering nonlinear optical phenomena by arbitrarily manipulating the phase relationships among the relevant optical fields. Communications Physics, 2022, 5, .	5.3	0