

Tetsushi Takano

List of Publications by Year in descending order

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16
papers

944
citations

933447

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1199594

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17
all docs

17
docs citations

17
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Nonlinearity of Generalized King Plot in the Search for New Boson. Physical Review X, 2022, 12, .	8.9	10
2	Engineering nonlinear optical phenomena by arbitrarily manipulating the phase relationships among the relevant optical fields. Communications Physics, 2022, 5, .	5.3	0
3	10 W injection-locked single-frequency continuous-wave titanium:sapphire laser. Optics Express, 2021, 29, 6927.	3.4	13
4	Precise determination of the isotope shift of ^{88}Sr – ^{87}Sr optical lattice clock by sharing perturbations. Applied Physics Express, 2017, 10, 072801.	2.4	20
5	Geopotential measurements with synchronously linked optical lattice clocks. Nature Photonics, 2016, 10, 662-666.	31.4	176
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	Lamb-Dicke spectroscopy of atoms in a hollow-core photonic crystal fibre. Nature Communications, 2014, 5, 4096.	12.8	79
9	A 30-km-long optical fiber link for frequency comparison between distant strontium optical lattice clocks. , 2013, , .		1
10	Optical lattice clocks and frequency comparison. Journal of Physics: Conference Series, 2011, 264, 012011.	0.4	1
11	Frequency comparison of optical lattice clocks beyond the Dick limit. Nature Photonics, 2011, 5, 288-292.	31.4	121
12	Synchronous frequency comparison of optical lattice clocks to approach the quantum limit. , 2011, , .		0
13	Frequency comparison of optical lattice clocks. , 2011, , .		0
14	Direct Comparison of Distant Optical Lattice Clocks at the 10^{-16} Uncertainty. Applied Physics Express, 2011, 4, 082203.	2.4	87
15	Manipulation of Nonclassical Atomic Spin States. Physical Review Letters, 2010, 104, 013602.	7.8	18
16	Spin-Singlet Bose-Einstein Condensation of Two-Electron Atoms. Physical Review Letters, 2003, 91, 040404.	7.8	329