

Chien-Ming Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Frequency-Dependent Squeezed Vacuum Source for Broadband Quantum Noise Reduction in Advanced Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2020, 124, 171101.	7.8	63
2	Absolute frequency of cesium $6S \leftarrow 8S$ 822Ånm two-photon transition by a high-resolution scheme. <i>Optics Letters</i> , 2013, 38, 3186.	3.3	26
3	Cesium $6S_{1/2} \leftarrow 8S_{1/2}$ two-photon-transition-stabilized 8225 nm diode laser. <i>Optics Letters</i> , 2007, 32, 563.	3.3	23
4	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
5	High-resolution Cs ¹³³ $6S \leftarrow 6D$, $6S \leftarrow 8S$ two-photon spectroscopy using an intracavity scheme. <i>Optics Letters</i> , 2011, 36, 76.	3.3	14
6	The Current Status and Future Prospects of KAGRA, the Large-Scale Cryogenic Gravitational Wave Telescope Built in the Kamioka Underground. <i>Galaxies</i> , 2022, 10, 63.	3.0	13
7	Magic tilt angle for stabilizing two-dimensional solitons by dipole-dipole interactions. <i>Physical Review A</i> , 2017, 96, .	2.5	12
8	Influence of atmospheric helium on secondary clocks. <i>Optics Letters</i> , 2020, 45, 4088.	3.3	6
9	Extract the Degradation Information in Squeezed States with Machine Learning. <i>Physical Review Letters</i> , 2022, 128, 073604.	7.8	6
10	Quantum interference in two-photon spectroscopy for laser stabilization and cesium-cell comparison. <i>Physical Review A</i> , 2015, 92, .	2.5	5
11	Carrying an arbitrarily large amount of information using a single quantum particle. <i>Physical Review A</i> , 2020, 102, .	2.5	5
12	Dual Ti:sapphire comb lasers by a fiber laser pumping scheme and a hand-sized optical frequency reference. <i>Applied Physics B: Lasers and Optics</i> , 2014, 117, 699-705.	2.2	4
13	Direct Parameter Estimations from Machine Learning-Enhanced Quantum State Tomography. <i>Symmetry</i> , 2022, 14, 874.	2.2	2
14	Improving the stability of frequency-dependent squeezing with bichromatic control of filter cavity length, alignment, and incident beam pointing. <i>Physical Review D</i> , 2022, 105, .	4.7	2
15	Detection of 10 dB vacuum noise squeezing at 1064 nm by balanced homodyne detectors with a common mode rejection ratio more than 80 dB. , 2019, , .		1
16	Absolute frequencies of ^{133}Cs $6S_{1/2} \leftarrow 8S_{1/2}$ two-photon transition stabilized diode lasers. , 2012, , .		0
17	Compact and Dual Ti:Sapphire comb lasers pumped by single fiber laser. , 2013, , .		0
18	Absolute frequency of cesium $6S$ - $8S$ hyperfine transition by two-photon interfered spectrum. , 2013, , .		0