

Xuejian Wu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

525
citations

758635

12
h-index

887659

17
g-index

27
all docs

27
docs citations

27
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile quantum gravimeter with a novel pyramidal magneto-optical trap. , 2020, , .		2
2	A Flight Capable Atomic Gravity Gradiometer With a Single Laser. , 2020, , .		6
3	Embedded control system for mobile atom interferometers. Review of Scientific Instruments, 2019, 90, 073103.	0.6	12
4	Gravity surveys using a mobile atom interferometer. Science Advances, 2019, 5, eaax0800.	4.7	122
5	Adaptive cavity-enhanced dual-comb spectroscopy. Photonics Research, 2019, 7, 883.	3.4	16
6	Comb-referenced frequency-sweeping interferometry for precisely measuring large stepped structures. Applied Optics, 2018, 57, 1247.	0.9	17
7	Simple, precise, and versatile atom interferometer for field applications. , 2018, , .		0
8	Multiaxis atom interferometry with a single-diode laser and a pyramidal magneto-optical trap. Optica, 2017, 4, 1545.	4.8	78
9	Frequency comb calibrated frequency-sweeping interferometry for absolute group refractive index measurement of air. Applied Optics, 2017, 56, 3109.	2.1	5
10	Multiaxis, Single-Laser Atom Interferometer for Inertial Sensing. , 2017, , .		0
11	Optically stabilized Erbium fiber frequency comb with hybrid mode-locking and a broad tunable range of repetition rate. Applied Optics, 2016, 55, D29.	2.1	12
12	Optical-stabilized hybrid mode-locked Er-fiber frequency comb with broad repetition rate tuning range. , 2016, , .		0
13	High spectral specificity of local chemical components characterization with multichannel shift-excitation Raman spectroscopy. Scientific Reports, 2015, 5, 13952.	1.6	18
14	Compact Dual-Comb Absolute Distance Ranging With an Electric Reference. IEEE Photonics Journal, 2015, 7, 1-8.	1.0	10
15	Hybrid mode-locked Er-fiber oscillator with a wide repetition rate stabilization range. Applied Optics, 2015, 54, 1681.	0.9	20
16	Subnanometer absolute displacement measurement using a frequency comb referenced dual resonance tracking Fabry-Pérot interferometer. Applied Optics, 2015, 54, 4594.	0.9	13
17	Dual-comb Reciprocal Temporal Scanning for Absolute Distance Measurement. , 2015, , .		0
18	Absolute distance measurement by dual-comb nonlinear asynchronous optical sampling. Optics Express, 2014, 22, 6597.	1.7	102

#	ARTICLE	IF	CITATIONS
19	Time-of-flight absolute distance measurement by dual-comb second harmonic generation. , 2014, , .		0
20	Note: Periodic error measurement in heterodyne interferometers using a subpicometer accuracy Fabry-Perot interferometer. Review of Scientific Instruments, 2014, 85, 086102.	0.6	3
21	Reliable non-ambiguity range extension with dual-comb simultaneous operation in absolute distance measurements. Measurement Science and Technology, 2014, 25, 125201.	1.4	11
22	Frequency Comb Calibrated Diode Laser Interferometry for Absolute Distance Measurement. , 2014, , .		0
23	Interferometric diameter determination of a silicon sphere using a traceable single laser frequency synthesizer. Measurement Science and Technology, 2013, 24, 115202.	1.4	5
24	Absolute distance measurement using frequency-sweeping heterodyne interferometer calibrated by an optical frequency comb. Applied Optics, 2013, 52, 2042.	0.9	60
25	Frequency Comb Calibrated Diode Laser Interferometry for Absolute Distance Measurement. , 2013, , .		0
26	Phase-shifting interferometer using a frequency-tunable diode laser calibrated by an optical frequency comb. Review of Scientific Instruments, 2012, 83, 073107.	0.6	13
27	Evaluating uncertainty of the mean diameter of silicon sphere by Spherical Harmonics. , 2010, , .		0