

Zehuang Lu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

90
citations

1684188

5
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1474206

9
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14
all docs

14
docs citations

14
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of an optical reference cavity with low thermal noise limit and flexible thermal expansion properties. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	17
2	Suppression of residual amplitude modulation effects in Pound-Drever-Hall locking. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	16
3	Note: A high-frequency signal generator based on direct digital synthesizer and field-programmable gate array. <i>Review of Scientific Instruments</i> , 2017, 88, 096103.	1.3	14
4	Long-term digital frequency-stabilized laser source for large-scale passive laser gyroscopes. <i>Review of Scientific Instruments</i> , 2020, 91, 013001.	1.3	10
5	Noise Analysis of a Passive Resonant Laser Gyroscope. <i>Sensors</i> , 2020, 20, 5369.	3.8	10
6	3 m Å– 3 m heterolithic passive resonant gyroscope with cavity length stabilization. <i>Classical and Quantum Gravity</i> , 2020, 37, 215008.	4.0	7
7	Transverse Patterns and Dual-Frequency Lasing in a Low-Noise Nonplanar-Ring Orbital-Angular-Momentum Oscillator. <i>Physical Review Applied</i> , 2020, 13, .	3.8	5
8	Theoretical study of the hyperfine-interaction constants and the isotope-shift factors for the $3s21S0 \rightarrow 3s3p3,1P1o$ transitions in Al^+ . <i>Physical Review A</i> , 2017, 96, .	2.5	3
9	Development of low phase noise microwave frequency synthesizers for reducing Dick effect of Cs fountain clocks. <i>AIP Advances</i> , 2018, 8, 095311.	1.3	3
10	Vibration Property of a Cryogenic Optical Resonator within a Pulse-Tube Cryostat. <i>Sensors</i> , 2021, 21, 4696.	3.8	3
11	Proposal for phase-sensitive heterodyne detection in large-scale passive resonant gyroscopes. <i>Optics Express</i> , 2021, 29, 9737.	3.4	2
12	Design of an optical reference cavity with flexible thermal expansion tuning properties. , 2012, , .		0
13	Optical Orbital Angular Momentum in a Monolithic Nonplanar Ring Oscillator. , 2019, , .		0
14	Optimization of Operation Parameters in a Cesium Atomic Fountain Clock Using Monte Carlo Method. <i>IEEE Access</i> , 2021, 9, 132140-132149.	4.2	0