

Lisheng Chen

List of Publications by Year in descending order

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11
papers

257
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1478505

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1372567

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all docs

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docs citations

11
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhomogeneous spatial distribution of residual amplitude modulation in optical phase modulation using a bulk electro-optic crystal. <i>Optics Express</i> , 2022, 30, 17936.	3.4	2
2	Ultra-stable 1064-nm neodymium-doped yttrium aluminum garnet lasers with $2.5 \text{ \AA} - 10^{16}$ frequency instability. <i>Review of Scientific Instruments</i> , 2021, 92, 043001.	1.3	5
3	Suppressing residual amplitude modulation to the 10^{-7} level in optical phase modulation. <i>Applied Optics</i> , 2019, 58, 690.	1.8	21
4	A two-axis tilt control system on a turntable for rotating-optical-cavity experiments. <i>Review of Scientific Instruments</i> , 2018, 89, 125120.	1.3	1
5	Systematic and quantitative analysis of residual amplitude modulation in Pound-Drever-Hall frequency stabilization. <i>Physical Review A</i> , 2015, 92, .	2.5	36
6	Analysis of frequency noise in ultra-stable optical oscillators with active control of residual amplitude modulation. <i>Applied Physics B: Lasers and Optics</i> , 2014, 117, 1025-1033.	2.2	12
7	Developing a narrow-line laser spectrometer based on a tunable continuous-wave dye laser. <i>Review of Scientific Instruments</i> , 2014, 85, 083113.	1.3	0
8	Long-term and wideband laser intensity stabilization with an electro-optic amplitude modulator. <i>Optics and Laser Technology</i> , 2013, 45, 775-781.	4.6	22
9	Measurement and control of residual amplitude modulation in optical phase modulation. <i>Review of Scientific Instruments</i> , 2012, 83, 043111.	1.3	55
10	Time-normalized correlation function of ultracold atomic gas released from an optical lattice. <i>Physical Review A</i> , 2007, 76, .	2.5	5
11	Vibration-induced elastic deformation of Fabry-Perot cavities. <i>Physical Review A</i> , 2006, 74, .	2.5	98