

# Lisheng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8724973/publications.pdf>

Version: 2024-02-01

11  
papers

257  
citations

1478505

6  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration-induced elastic deformation of Fabry-Perot cavities. <i>Physical Review A</i> , 2006, 74, .	2.5	98
2	Measurement and control of residual amplitude modulation in optical phase modulation. <i>Review of Scientific Instruments</i> , 2012, 83, 043111.	1.3	55
3	Systematic and quantitative analysis of residual amplitude modulation in Pound-Drever-Hall frequency stabilization. <i>Physical Review A</i> , 2015, 92, .	2.5	36
4	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
5	Suppressing residual amplitude modulation to the $10^{-7}$ level in optical phase modulation. <i>Applied Optics</i> , 2019, 58, 690.	1.8	21
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	Time-normalized correlation function of ultracold atomic gas released from an optical lattice. <i>Physical Review A</i> , 2007, 76, .	2.5	5
8	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
9	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
10	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
11	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