

Sarper Ozharar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11445398/publications.pdf>

Version: 2024-02-01

31
papers

244
citations

1163117

8
h-index

996975

15
g-index

31
all docs

31
docs citations

31
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	A Semiconductor-Based 10-GHz Optical Comb Source With Sub 3-fs Shot-Noise-Limited Timing Jitter and \sim 500-Hz Comb Linewidth. IEEE Photonics Technology Letters, 2010, 22, 431-433.	2.5	56
2	Ultralow-jitter and -amplitude-noise semiconductor-based actively mode-locked laser. Optics Letters, 2006, 31, 2870.	3.3	48
3	Self-Stabilization of the Optical Frequencies and the Pulse Repetition Rate in a Coupled Optoelectronic Oscillator. Journal of Lightwave Technology, 2008, 26, 2571-2577.	4.6	37
4	Correlation of supermode noise of harmonically mode-locked lasers. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 1490.	2.1	19
5	Mirrors with designed spherical aberration for multi-pass cavities. Optics Letters, 2017, 42, 1935.	3.3	18
6	Graphene mode-locked multipass-cavity femtosecond Cr ⁴⁺ : forsterite laser. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1270.	2.1	13
7	Jitter reduction by intracavity active phase modulation in a mode-locked semiconductor laser. Optics Letters, 2009, 34, 677.	3.3	12
8	Femtosecond pulse generation from a Ti ³⁺ :sapphire laser near 800 nm with voltage reconfigurable graphene saturable absorbers. Optics Letters, 2017, 42, 1404.	3.3	11
9	Pulse-amplitude equalization by negative impulse modulation for rational harmonic mode locking. Optics Letters, 2006, 31, 2924.	3.3	7
10	The effects of filtering RF source phase noise by a low noise, high quality factor actively modelocked laser on the laser's absolute and relative phase noise. Optics Express, 2006, 14, 5346.	3.4	5
11	Frequency Stabilized Low Timing Jitter Mode-Locked Laser with an Intracavity Etalon. , 2007, , .		4
12	Amplitude noise suppression by intracavity phase modulation in a harmonically mode-locked laser. Optics and Laser Technology, 2018, 105, 322-324.	4.6	4
13	Stabilized Optical Frequency Comb Source for Coherent Communication and Signal Processing. , 2007, , .		2
14	Two-Dimensional Optical Code-Division Modulation With Quantum-Noise Aided Encryption for Applications in Key Distribution. Journal of Lightwave Technology, 2011, 29, 2081-2088.	4.6	2
15	Femtosecond Pulse Generation with Voltage-Controlled Graphene Saturable Absorbers. , 2017, , 389-433.		2
16	Simultaneous low noise radio frequency tone and narrow linewidth optical comb generation from a regeneratively mode-locked laser. Optical Engineering, 2014, 53, 100501.	1.0	1
17	RF phase noise filtering properties of an actively mode-locked laser. Microwave and Optical Technology Letters, 2018, 60, 519-523.	1.4	1
18	RF injection locked 18 GHz regeneratively mode-locked semiconductor laser. Optics Express, 2018, 26, 376.	3.4	1

#	ARTICLE	IF	CITATIONS
19	Ultra stable coupled optoelectronic oscillator based on slab-coupled optical waveguide amplifier. , 2008, , .		1
20	Ultralow jitter semiconductor based actively mode-locked laser. , 2006, , .		0
21	Pulse-Amplitude Equalized Rational Harmonic Mode-Locking by Negative Impulse Modulation. , 2006, , .		0
22	Improved Serrodyne Spur Suppression via Time Division Multiplexing. , 2006, , .		0
23	Frequency skewed optical pulses for range detection. , 2007, , .		0
24	Dual Sine Wave Phase Modulation for Ultra-flat Optical Comb Generation. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
25	Fixed-point frequency measurements of an intracavity etalon-based coupled optoelectronic oscillator. , 2008, , .		0
26	An interferometric method for dynamic extinction ratio measurement. , 2008, , .		0
27	Range resolved, high resolution lidar using frequency chirped pulses. , 2009, , .		0
28	Frequency stabilized optical comb source with high finesse intracavity etalon. , 2009, , .		0
29	Investigation of the Mueller Matrix elements of the liquid crystal cell illuminated with a broad band light source. Optical and Quantum Electronics, 2017, 49, 1.	3.3	0
30	The Effects of Intracavity Phase Modulation and Extracavity Optical Filtering on Amplitude Noise of Mode-Locked Pulse Trains. , 2018, , .		0
31	Absolute Phase Noise Analysis of a Harmonically Mode-locked Semiconductor Laser. , 2017, , .		0