

Christoph Weber

List of Publications by Year in descending order

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22
papers

86
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1937685

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22
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times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Comb injection into a single-mode laser. , 2021, , .		0
2	Low RF line width frequency-modulated and amplitude-modulated combs. , 2021, , .		0
3	Optical feedback stabilization of a self-mode-locked quantum dot laser. Materials Today: Proceedings, 2019, 7, 912-915.	1.8	0
4	Self-Injected Optical Frequency Comb Quantum Dash Lasers. , 2019, , .		0
5	Passively Mode-Locked Quantum-Well Semiconductor Laser Subject to Ultra-Short Optical Self-Feedback with Nanometric Fine-Delay. , 2019, , .		0
6	MC4.3 -Optically Coupled Mode-Locked Laser Array for Spectroscopy in InP Generic Integration. , 2019, , .		0
7	Dynamic Intermode Beat Frequency Control of an Optical Frequency Comb Single Section Quantum Dot Laser by Dual-Cavity Optical Self-Injection. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	1
8	Radio-frequency analysis of self-mode-locked quantum dot laser. Materials Today: Proceedings, 2019, 7, 908-911.	1.8	1
9	Repetition rate transitions and timing stability improvement in monolithic multi-section semiconductor lasers. Materials Today: Proceedings, 2019, 7, 904-907.	1.8	0
10	Ultra-Short Pulse Generation in a Three Section Tapered Passively Mode-Locked Quantum-Dot Semiconductor Laser. Scientific Reports, 2019, 9, 1783.	3.3	26
11	Bistability in a monolithic multi-section quantum dot semiconductor laser. , 2019, , .		2
12	Threshold behavior of optical frequency comb self-generation in an InAs/InGaAs quantum dot laser. Optics Letters, 2019, 44, 3478.	3.3	15
13	Photonic integrated circuit extended cavity passively mode-locked dual absorber symmetric ring laser. Optics Letters, 2019, 44, 3566.	3.3	1
14	Mode Locking Stability Regimes in Tapered Quantum Dot Lasers. , 2018, , .		0
15	Picosecond Pulse Generation and Pulse Train Stability of A Monolithic Passively Mode-Locked Semiconductor Quantum-Well Laser at 1070 nm. IEEE Journal of Quantum Electronics, 2018, 54, 1-9.	1.9	10
16	Stability of the mode-locking regime in tapered quantum-dot lasers. , 2018, , .		0
17	Pulse train stability of passively mode-locked semiconductor lasers. Proceedings of SPIE, 2017, , .	0.8	0
18	Multi-gigahertz picosecond pulse generation by passive mode-locking of monolithic two-section quantum well semiconductor lasers emitting at 1070 nm: Study of different laser lengths and gain-to-absorber section length ratios. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Amplitude jitter and timing jitter characterization of a monolithic high-power passively mode-locked tapered quantum dot laser. , 2016, , .		6
20	Stability criteria of a tapered InAs/InGaAs quantum dot laser based on pulse amplitude jitter and timing jitter investigations. , 2016, , .		0
21	Monolithic passively mode-locked semiconductor quantum-well laser emitting at 1070 nm: Picosecond pulse generation and pulse train stability analysis. , 2016, , .		3
22	Picosecond pulse amplification up to a peak power of 42â€‰%â€‰W by a quantum-dot tapered optical amplifier and a mode-locked laser emitting at 126ÂÂµm. Optics Letters, 2015, 40, 395.	3.3	21