Zhenguo Lu

List of Publications by Year
in descending order

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23 papers	349 citations	1040056 9 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	215 citing authors

#	Article	IF	Citations
1	Surface-Wave Control Technique for Mutual Coupling Mitigation in Array Antenna. IEEE Microwave and Wireless Components Letters, 2022, 32, 623-626.	3.2	6
2	Reconfigurable microwave photonic filter based on a quantum dash mode-locked laser. Optics Letters, 2022, 47, 1133.	3.3	4
3	InAs/InP quantum dot mode-locked laser with an aggregate 12.544 Tbit/s transmission capacity. Optics Express, 2022, 30, 3205.	3.4	10
4	Broadband Optical Heterodyne Millimeter-Wave-over-Fiber Wireless Links Based on a Quantum Dash Dual-Wavelength DFB Laser. Journal of Lightwave Technology, 2022, 40, 3698-3708.	4.6	13
5	Height distributions of uncapped InAs/InGaAsP/InP quantum dashes and their effect on emission wavelengths. , 2022, , .		1
6	InAs/InP Quantum Dash Semiconductor Coherent Comb Lasers and their Applications in Optical Networks. Journal of Lightwave Technology, 2021, 39, 3751-3760.	4.6	25
7	Quantum Dot Coherent Comb Laser Source for Converged Optical-Wireless Access Networks. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	2
8	A Performance Comparison Between Quantum Dash and Quantum Well Fabry-PÃ©rot Lasers. IEEE Journal of Quantum Electronics, 2021, 57, 1-7.	1.9	6
9	A High Spectral Efficiency Radio Over Fiber Link Based on Coherent Detection and Digital Phase Noise Cancellation. Journal of Lightwave Technology, 2021, 39, 6443-6449.	4.6	9
10	Photonic Wireless Links for 5G Broadband Access Networks. , 2021, , .		0
11	Quantum-Dot Multi-Wavelength Lasers for Millimeter Wave Generation and Transmission. , 2021, , .		0
12	Reconfigurable Microwave Photonic Filter Enabled by a Quantum Dash Mode-Locked Laser. , 2021, , .		0
13	Static Characteristics of InAs/InP Buried Heterostructure Quantum Dash Mode-locked Lasers. , 2021, , .		0
14	Reconfigurable microwave photonics filters with negative coefficients based on a quantum dash mode-locked laser. , 2021, , .		1
15	Pulse Timing Jitter Estimated From Optical Phase Noise in Mode-Locked Semiconductor Quantum Dash Lasers. Journal of Lightwave Technology, 2020, 38, 4787-4793.	4.6	11
16	Passively mode-locked quantum dash laser with an aggregate 5.376 Tbit/s PAM-4 transmission capacity. Optics Express, 2020, 28, 4587.	3.4	30
17	Ultra-Low Timing Jitter of Quantum Dash Semiconductor Comb Lasers With Self-Injection Feedback Locking. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	13
18	Automatic Cross Carrier-Envelope Phase Locking Within a Dual-Peak Mode-Locked Quantum-Dot Diode Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-4.	2.9	4

#	Article	IF	Citations
19	Quantum-dot coherent comb lasers for terabit optical networking systems. , 2019, , .		9
20	Tunable Terahertz Beat Signal Generation From an InAs/InP Quantum-Dot Mode-Locked Laser Combined With External-Cavity. IEEE Photonics Technology Letters, 2012, 24, 518-520.	2.5	10
21	Growth of InAs/InP-based quantum dots for 1.55Î¼m laser applications. Journal of Crystal Growth, 2009, 311, 1482-1486.	1.5	96
22	Dual-wavelength 925 GHz self-mode-locked InP-based quantum dot laser. Optics Letters, 2008, 33, 1702.	3.3	77
23	Uniform 90-channel multiwavelength InAs/InGaAsP quantum dot laser. Electronics Letters, 2007, 43, 458.	1.0	22