Emad A Alkhazraji

List of Publications by Year
in descending order

39 papers	118 citations	1478505 6 h-index	1372567 10 g-index
40 all docs	40 docs citations	40 times ranked	65 citing authors

#	Article	IF	Citations
1	Extended L-Band InAs/InP Quantum-Dash Laser in Millimeter-Wave Applications. Photonics, 2021, 8, 167.	2.0	4
2	Hybrid 28ÂGHz MMW over fiber-wireless QPSK transmission system based on mid L-band external injection-locked quantum-dash laser comb source. Optical Fiber Technology, 2021, 64, 102553.	2.7	4
3	Injection-Locked Quantum-Dash Laser in Far L-Band 192 Gbit/s DWDM Transmission. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	8
4	Monolithic Tunable InAs/InP Broadband Quantum-Dash Laser. IEEE Access, 2020, 8, 39046-39055.	4.2	4
5	Electro-absorption and Electro-optic Characterization of L-Band InAs/InP Quantum-dash Waveguide. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	3
6	Tunable 28-60 GHz Millimeter Wave Signal Generation using L-band Quantum-dash Laser. , 2020, , .		1
7	Wireless Transmission of Millimeter Waves Generated by L-band InAs/InP Quantum-dash Laser. , 2020, , .		4
8	QPSK Modulation Effects on the RF Characteristics of Quantum-dash Laser Based WDM System. , 2020, , .		0
9	Extended L-band monolithically tunable InAs/InP quantum-dash multimode laser with integrated amplifier. Optical Engineering, 2020, 59, .	1.0	3
10	Three-channel Multiplexed Communication over Mid L-band InAs/InP Quantum Dash Laser. , 2020, , .		1
11	InAs/InP quantum-dash lasers. , 2019, , 109-138.		2
12	Hybrid dual-injection locked 1610Ânm quantum-dash laser for MMW and THz applications. Optics Communications, 2019, 452, 355-359.	2.1	8
13	Optical Bistability in Monolithic Two-sectioned InAs/InP Quantum-dash Laser. , 2019, , .		1
14	Broadly Tunable Self-injection Locked InAs/InP Quantum-dash Laser Based Fiber/FSO/Hybrid Fiber-FSO Communication at 1610 nm. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	20
15	Effect of temperature and ridge-width on the lasing characteristics of InAs/InP quantum-dash lasers: A thermal analysis view. Optics and Laser Technology, 2018, 98, 67-74.	4.6	9
16	Demonstration of L-band DP-QPSK transmission over FSO and fiber channels employing InAs/InP quantum-dash laser source. Optics Communications, 2018, 410, 680-684.	2.1	10
17	Multi-stack Chirped InAs/InP Quantum-dash Structure as a Tunable Laser. , 2018, , .		1
18	Terahertz Photonic Signal Generation Employing InAs/InP Quantum Dash Laser. , 2018, , .		2

#	Article	IF	Citations
19	Coherent Free-space/Fiber L-band Optical Communication using Self-Injection Locked InAs/InP Quantum-dash Laser. , 2018, , .		1
20	Tunable Vivaldi antenna design for frequency scanning. , 2018, , .		0
21	100 Gb/s Single Channel Transmission Using Injection-Locked 1621 nm Quantum-Dash Laser. IEEE Photonics Technology Letters, 2017, 29, 543-546.	2.5	16
22	RFID antenna design for circular polarization in UHF band. Proceedings of SPIE, 2017, , .	0.8	1
23	Plasmonic Nanostructured Cellular Automata. EPJ Web of Conferences, 2017, 139, 00001.	0.3	2
24	Optical wireless communication at 100 Gb/s using L-band Quantum-dash laser. , 2017, , .		2
25	Self-injection locked InAs/InP quantum-dash laser for high capacity optical communication system. , 2017, , .		0
26	10 m Free space 128Gbit/s transmission via self-injection locked quantum-dash laser. , 2017, , .		0
27	Self-injection locked quantum-dash multi-wavelength laser. , 2017, , .		0
28	Resonance Characteristics and Tunability of Calcium Vanadium Garnets as Ferrite Resonator Antennas. , 2017, , .		0
29	Operation Mode Characterization of a Chirped in AS/LNP Quantum-Dash Laser. , 2017, , .		0
30	Self-Injection Locked Lâ€“band Quantum-dash Laser Diode as a Source for Indoor Optical Wireless Communication. , 2017, , .		1
31	Self-seeded quantum-dash laser based 5 mâ€“128 Gb/s indoor free-space optical communication. Chinese Optics Letters, 2017, 15, 100604.	2.9	6
32	Far L-band Single Channel High Speed Downstream Transmission using Injection-locked Quantum-dash Laser for WDM-PON. , 2017, , .		2
33	Thermal Analysis of Ultra-broadband Lasing InAs/InP Quantum-dash Lasers. , 2017, , .		0
34	Up to 128 Gb/s DP-QPSK Transmission Using Injection-locked Quantum-dash Laser for NG-PONs. , 2017, , .		0
35	Broadband Lasing Characteristics of a Chirped InAs/InP Quantum-Dash Laser. , 2017, , .		0
36	Self-seeded quantum-dash laser based 5 m-128 Gb/s indoor free-space optical communication: erratum. Chinese Optics Letters, 2017, 15, 123501.	2.9	0

#	Article	IF	Citations
37	Analysis of nanoscale voids in nanorod plasmonic clusters for imaging applications. , 2016, , .		0
38	Efficient light extraction from GaN LEDs using gold-coated ZnO nanoparticles. , 2015, , .		0
39	Synthesis and photoluminescence of metal coated ZnO nanoparticles. , 2014, , .		1