

Salim Faci

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

102
citations

1684188

5
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Modeling of Semiconductor Laser Diode for Heterodyne RoF System Simulation. IEEE Journal of Quantum Electronics, 2013, 49, 894-900.	1.9	22
2	Microwave On/Off Ratio Enhancement of GaAs Photoconductive Switches at Nanometer Scale. Journal of Lightwave Technology, 2012, 30, 3576-3579.	4.6	19
3	1.55- μm GaNAsSb-Based Photoconductive Switch for Microwave Switching. IEEE Photonics Technology Letters, 2010, 22, 1105-1107.	2.5	9
4	Generalized Iterative Dichotomy PAPR Reduction Method for Multicarrier Waveforms. IEEE Access, 2021, 9, 114235-114245.	4.2	9
5	Phase Modulated Radio-Over-Fiber for Efficient 5G Fronthaul Uplink. Journal of Lightwave Technology, 2019, 37, 5821-5832.	4.6	6
6	Passive modelocking MIR quantum cascade laser incorporating self-induced transparency. Optical and Quantum Electronics, 2022, 54, 1.	3.3	6
7	Optical generation of microwave signal for FMCW radar applications. Microwave and Optical Technology Letters, 2009, 51, 690-693.	1.4	5
8	Gallium-nitride-based plasmonic multilayer operating at 155 μm . Optics Letters, 2012, 37, 3039.	3.3	4
9	Investigation on an RFID planar coil for a wireless communicative aortic stent. Comptes Rendus Physique, 2013, 14, 438-446.	0.9	3
10	Simulation of heterodyne RoF systems based on 2 DFB lasers: application to an optical phase-locked loop design. International Journal of Microwave and Wireless Technologies, 2014, 6, 207-211.	1.9	3
11	Direct and external modulation of IF over fiber systems for 60 GHz wireless applications. International Journal of Microwave and Wireless Technologies, 2016, 8, 597-602.	1.9	3
12	Quo Vadis Nonlinear Optics? An Alternative and Simple Approach to Third Rank Tensors in Semiconductors. Symmetry, 2022, 14, 127.	2.2	3
13	Photonic components advanced modelling for RoF link design. , 2015, , .		2
14	Simulation approach of wireless OFDM and FBMC signals transmission over fiber based on equivalent electrical models. , 2017, , .		2
15	Circuit modeling of phase modulated microwave optical links and performance analysis. Optical and Quantum Electronics, 2017, 49, 1.	3.3	2
16	Performance Analysis of Radio-over-Fiber Based on Phase-Modulation and Direct-Detection for the Future 5G Network. , 2018, , .		2
17	Ook modulator using photoconductive feedback oscillator. Microwave and Optical Technology Letters, 2010, 52, 2010-2016.	1.4	1
18	Millimeter-wave home area network prospect with cost-effective RoF links. Optical and Quantum Electronics, 2019, 51, 1.	3.3	1

#	ARTICLE	IF	CITATIONS
19	Photoactivated microwave oscillator. Electronics Letters, 2008, 44, 915.	1.0	0
20	Optically controlled UWB emission in TX/RX system. Microwave and Optical Technology Letters, 2012, 54, 2541-2543.	1.4	0
21	Improvements on broadband signals in radio over fiber systems by mode filtering. , 2016, , .		0
22	How electrical modelling of semiconductor lasers can help to analyse complex photonic systems. , 2016, , .		0
23	Measurement of Brillouin gain spectrum with dual-frequency laser for optical fibre sensor. Electronics Letters, 2020, 56, 672-674.	1.0	0