

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	Quo Vadis Nonlinear Optics? An Alternative and Simple Approach to Third Rank Tensors in Semiconductors. <i>Symmetry</i> , 2022, 14, 127.	2.2	3
2	Passive modelocking MIR quantum cascade laser incorporating self-induced transparency. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	6
3	Generalized Iterative Dichotomy PAPR Reduction Method for Multicarrier Waveforms. <i>IEEE Access</i> , 2021, 9, 114235-114245.	4.2	9
4	Measurement of Brillouin gain spectrum with dual-frequency laser for optical fibre sensor. <i>Electronics Letters</i> , 2020, 56, 672-674.	1.0	0
5	Phase Modulated Radio-Over-Fiber for Efficient 5G Fronthaul Uplink. <i>Journal of Lightwave Technology</i> , 2019, 37, 5821-5832.	4.6	6
6	Millimeter-wave home area network prospect with cost-effective RoF links. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	3.3	1
7	Performance Analysis of Radio-over-Fiber Based on Phase-Modulation and Direct-Detection for the Future 5G Network. , 2018, , .		2
8	Simulation approach of wireless OFDM and FBMC signals transmission over fiber based on equivalent electrical models. , 2017, , .		2
9	Circuit modeling of phase modulated microwave optical links and performance analysis. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	2
10	Improvements on broadband signals in radio over fiber systems by mode filtering. , 2016, , .		0
11	How electrical modelling of semiconductor lasers can help to analyse complex photonic systems. , 2016, , .		0
12	Direct and external modulation of IF over fiber systems for 60 GHz wireless applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2016, 8, 597-602.	1.9	3
13	Photonic components advanced modelling for RoF link design. , 2015, , .		2
14	Simulation of heterodyne RoF systems based on 2 DFB lasers: application to an optical phase-locked loop design. <i>International Journal of Microwave and Wireless Technologies</i> , 2014, 6, 207-211.	1.9	3
15	Investigation on an RFID planar coil for a wireless communicative aortic stent. <i>Comptes Rendus Physique</i> , 2013, 14, 438-446.	0.9	3
16	Electrical Modeling of Semiconductor Laser Diode for Heterodyne RoF System Simulation. <i>IEEE Journal of Quantum Electronics</i> , 2013, 49, 894-900.	1.9	22
17	Gallium-nitride-based plasmonic multilayer operating at 155 nm. <i>Optics Letters</i> , 2012, 37, 3039.	3.3	4
18	Microwave On/Off Ratio Enhancement of GaAs Photoconductive Switches at Nanometer Scale. <i>Journal of Lightwave Technology</i> , 2012, 30, 3576-3579.	4.6	19

#	ARTICLE	IF	CITATIONS
19	Optically controlled UWB emission in TX/RX system. Microwave and Optical Technology Letters, 2012, 54, 2541-2543.	1.4	0
20	OOK modulator using photoconductive feedback oscillator. Microwave and Optical Technology Letters, 2010, 52, 2010-2016.	1.4	1
21	1.55- μm GaNAsSb-Based Photoconductive Switch for Microwave Switching. IEEE Photonics Technology Letters, 2010, 22, 1105-1107.	2.5	9
22	Optical generation of microwave signal for FMCW radar applications. Microwave and Optical Technology Letters, 2009, 51, 690-693.	1.4	5
23	Photoactivated microwave oscillator. Electronics Letters, 2008, 44, 915.	1.0	0