

Mourad Menif

List of Publications by Year in descending order

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79
papers

384
citations

932766

10
h-index

887659

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79
all docs

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docs citations

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times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a switched line phase shifter for reconfigurable mm-wave Antennas. , 2019, , .		1
2	High gain patch antenna array using dielectric superstrate for the 5G applications. , 2019, , .		6
3	Photonics enabled generation of multiband millimeter-wave radio over fiber signals for frequency band 200GHz -300 GHz. , 2019, , .		0
4	A performance comparison between lumped, distributed and optical phase locked local oscillator used in the photonic generation of millimeter-wave signals for radio over fiber systems. , 2019, , .		0
5	Performances of two contention resolution units in optical SOA-MZI router. Optics Communications, 2018, 423, 21-28.	1.0	1
6	Experimental Demonstration of Simultaneous Modulation Format/Symbol Rate Identification and Optical Performance Monitoring for Coherent Optical Systems. Journal of Lightwave Technology, 2018, 36, 2230-2239.	2.7	35
7	Modulation Format Recognition Using Artificial Neural Networks for the Next Generation Optical Networks. , 2018, , .		3
8	Demonstration of 16QAM-OFDM UDWDM Transmission Using a Tunable Optical Flat Comb Source. Journal of Lightwave Technology, 2017, 35, 238-245.	2.7	19
9	Design of patch array antennas for future 5G applications. , 2017, , .		12
10	Investigation of Under/Over-Sampling Impact on the Modulation Format Identification for High Speed Optical Networks. , 2017, , .		0
11	Optical Flat Comb Source Generation based on a Cascade of two Stage Mach-Zehnder Modulator. , 2017, , .		0
12	All optical contention detection and resolution for asynchronous variable length optical packets switching. , 2016, , .		1
13	A multistandard and multiservice Radio over Fiber system for Next Generation Networks. , 2016, , .		0
14	Improved optical performance monitoring technique based on nonlinear optics for high-speed WDM Nyquist systems. , 2016, , .		1
15	Comparison of all optical forwarding packet architectures. Proceedings of SPIE, 2016, , .	0.8	1
16	Software Defined Networking for cognitive Radio over Fiber systems. , 2016, , .		2
17	Comb source generation by dual-tone excitation of a dual-arm MZM. , 2016, , .		1
18	LMS-based digital pre-equalizer for cognitive RoF system. , 2016, , .		2

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19	Method of joint bit rate/modulation format identification and optical performance monitoring using asynchronous delay-tap sampling for radio-over-fiber systems. Optical Engineering, 2016, 55, 084108.	0.5	3
20	Software defined networking for cognitive radio over fiber systems. , 2016, , .		0
21	Polarization mode dispersion monitoring in the presence of XPM effect for high speed WDM communication systems. , 2016, , .		0
22	Performances of all optical logical gates for packet forwarding. , 2016, , .		1
23	All optical XOR gate for packet forwarding. , 2015, , .		1
24	Simultaneous and independent optical impairments monitoring using singular spectrum analysis of asynchronously sampled signal amplitudes. , 2015, , .		0
25	Robust modulation formats recognition technique using wavelet transform for high speed optical networks. , 2015, , .		0
26	Automatic modulation format recognition for the next generation optical communication networks using artificial neural networks. , 2015, , .		0
27	Side band suppression for wide band optical RoF systems. Proceedings of SPIE, 2015, , .	0.8	0
28	Modulation formats recognition technique using artificial neural networks for radio over fiber systems. , 2015, , .		13
29	Investigation of receiver constraints on the transmission performance of 1 Tbps WDM-Nyquist and CO-OFDM signals. , 2015, , .		0
30	One Tbps superchannel generated by Optical Flat Comb Source WDM-Nyquist and OFDM system simulative investigation. Proceedings of SPIE, 2014, , .	0.8	0
31	A performance evaluation of WDM-Nyquist systems generated by optical flat comb source and based on POLMUX-QPSK, POLMUX-DQPSK, POLMUX-16QAM and POLMUX-64QAM. , 2014, , .		0
32	On the fly all-optical packet switching based on hybrid WDM/OCDMA labeling scheme. Optics Communications, 2014, 312, 175-184.	1.0	11
33	Performance evaluation of radio over fiber system at 60 GHz for outdoor and indoor environments. , 2014, , .		0
34	Optimization of Optical Flat Comb Source based on Dual-Arm Mach-Zehnder modulator for flexgrid terabit superchannel WDM-Nyquist systems. , 2014, , .		6
35	High spectral efficiency multi-band radio over Fiber system for Next Generation Network. , 2014, , .		5
36	Optic/RF co-design for outdoor RoF System at 60 GHz. , 2013, , .		2

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37	Transmission impairments study of 160 Gb/s generated through a flat comb source. , 2013, , .		2
38	Simulative Investigation on Spectral Efficiency of Unipolar Codes based OCDMA System using Importance Sampling Technique. Journal of Optical Communications, 2013, 34, .	4.0	1
39	A performance comparison between 33RZ-POMUX-DQPSK and 33RZ-DC-DQPSK using coherent detection for 1.6 Tb/s (16 Å—100 Gb/s) over 1200 km. Proceedings of SPIE, 2013, , .	0.8	1
40	Experimental Demonstration of an Elastic Packet Routing Node Based on OCDMA Label Coding. IEEE Photonics Technology Letters, 2012, 24, 721-723.	1.3	5
41	Spectral efficiency of optical CDMA systems. , 2011, , .		0
42	Performances of Spectral-Amplitude-Coding Optical CDMA systems. , 2011, , .		0
43	Experimental Demonstration of an All-Optical Packet Forwarding Gate Based on a Single SOA-MZI at 40 Gb/s. , 2011, , .		3
44	Static lightpath establishment with sparse regenerator placement in WDM translucent networks. , 2009, , .		2
45	Static lightpath establishment with transmission impairments consideration in WDM all-optical networks. , 2009, , .		7
46	Automatic multirate all-optical routed network based on optical code division multiplexing solution. , 2009, , .		0
47	Quality of Transmission Impact on Routing and Wavelength Assignment Rules in Hybrid Optical Networks. , 2009, , .		0
48	Comparison of Unipolar Codes for DS-OCDMA System. , 2008, , .		1
49	Comparison of Synthesis Techniques for SPE-OCDMA Encoders/Decoders Based on FBGs. , 2008, , .		0
50	All-optical packet-switched routing scheme using OCDMA label and all-optical flip-flop. , 2008, , .		1
51	Performance comparison of coherent versus incoherent direct sequence optical code division multiple access system. Proceedings of SPIE, 2008, , .	0.8	2
52	Optimizing four-wave mixing performance in semiconductor optical amplifiers. , 2008, , .		1
53	Impact of the unipolar family codes on the performances of the DS-OCDMA system. Proceedings of SPIE, 2008, , .	0.8	0
54	Genetic algorithm synthesis of spectral phase OCDMA encoders and decoders. Proceedings of SPIE, 2008, , .	0.8	0

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55	An Encoder/Decoder Device Including a Single Reflective Element for Optical Code Division Multiple Access Systems. <i>Journal of Optical Communications</i> , 2007, 28, .	4.0	2
56	DS-OCDMA encoders/decoders synthesis using fiber Bragg gratings. , 2007, , .		2
57	Importance Sampling Applied to An Optical DS-CDMA System. , 2007, , .		0
58	New directional assembly for optical code division multiple access systems including a single reflective element. , 2006, , .		0
59	A Numerical Tool For the Simulation of Fiber Bragg Grating. , 2005, , .		1
60	Performance evaluation for a new implementation of multirate optical fast frequency hopping CDMA system for multimedia transmission. , 2005, , .		1
61	A versatile numerical tool for the analysing and synthesing fibre bragg gratings. , 2005, , .		0
62	Study of all-optical wavelength conversion based on semiconductor optical amplifiers. , 2005, , .		0
63	Error-free transmission for incoherent broad-band optical communications systems using incoherent-to-coherent wavelength conversion. <i>Journal of Lightwave Technology</i> , 2005, 23, 287-294.	2.7	13
64	Incoherent-to-coherent wavelength conversion using semiconductor optical amplifier. , 2004, , .		3
65	Beat noise effects on spectrum-sliced WDM. , 2003, 5260, 44.		7
66	Channel addition/removal response in Raman fiber amplifiers: modeling and experimentation. <i>Journal of Lightwave Technology</i> , 2002, 20, 1680-1687.	2.7	40
67	Cross-gain modulation in Raman fiber amplifier: experimentation and modeling. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1261-1263.	1.3	19
68	Protection of surviving channels in pump-controlled gain-locked Raman fibre amplifier. <i>Optics Communications</i> , 2002, 210, 57-65.	1.0	22
69	Serial topology of wide-band erbium-doped fiber amplifier for WDM applications. <i>IEEE Photonics Technology Letters</i> , 2001, 13, 939-941.	1.3	7
70	Cross-gain modulation effect on the behaviour of packetized cascaded EDFAs. <i>Journal of Optics</i> , 2001, 3, 210-217.	1.5	3
71	Output power excursions in a cascade of EDFAs fed by multichannel burst-mode packet traffic: experimentation and modeling. <i>Journal of Lightwave Technology</i> , 2001, 19, 933-940.	2.7	23
72	Application of preemphasis to achieve flat output OSNR in time-varying channels in cascaded EDFAs without equalization. <i>Journal of Lightwave Technology</i> , 2001, 19, 1440-1452.	2.7	10

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73	Modeling Gain Dynamics in EDFAs: Space-Resolved Versus Lumped Models. Fiber and Integrated Optics, 2001, 20, 601-615.	1.7	4
74	Design of wideband hybrid amplifiers for local area networks. IEE Proceedings: Optoelectronics, 2001, 148, 150-155.	0.8	8
75	New method to equalize static and dynamic OSNR in cascades of EDFAs without in-line optical filters. , 2000, 4087, 335.		2
76	Equalization advantages of OFFH-CDMA over WDM in EDFAs. , 2000, , .		1
77	Effectiveness of gain control in EDFAs against traffic with different levels of bursty behaviour. IEE Proceedings: Optoelectronics, 2000, 147, 355-362.	0.8	12
78	Gain stabilization in gain clamped EDFA cascades fed by WDM burst-mode packet traffic. Journal of Lightwave Technology, 2000, 18, 308-313.	2.7	50
79	Error free transmission of SS-WDM using in coherent-to-coherent wavelength conversion. , 0, , .		1