

Masanori Hanawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11243075/publications.pdf>

Version: 2024-02-01

29
papers

348
citations

1163117

8
h-index

996975

15
g-index

29
all docs

29
docs citations

29
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical wireless transmission of 405 nm, 145 Gbit/s optical IM/DD-OFDM signals through a 48 m underwater channel. <i>Optics Express</i> , 2015, 23, 1558.	3.4	156
2	Multi-OLT and multi-wavelength PON-based open access network for improving the throughput and quality of services. <i>Optical Switching and Networking</i> , 2015, 15, 148-159.	2.0	28
3	Dynamic Bandwidth Allocation Algorithm With Proper Guard Time Management Over Multi-OLT PON-Based Hybrid FTTH and Wireless Sensor Networks. <i>Journal of Optical Communications and Networking</i> , 2013, 5, 802.	4.8	27
4	A new DBA algorithm for reducing delay and solving the over-granting problem of long reach PON. <i>Optical Switching and Networking</i> , 2019, 31, 62-71.	2.0	16
5	Adaptive Limited Dynamic Bandwidth Allocation Scheme to Improve Bandwidth Sharing Efficiency in Hybrid PON Combining FTTH and Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2013, E96.B, 127-134.	0.7	13
6	Optical delay interferometer based on phase shifted fiber Bragg grating with optically controllable phase shifter. <i>Optics Express</i> , 2006, 14, 4250.	3.4	12
7	All-Optical Generation of Optical BPSK/QPSK Signals Interleaved With Reference Light. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1789-1791.	2.5	12
8	Over 1 Gbit/s NRZ-OOK Underwater Wireless Optical Transmission Experiment Using Wideband PMT. , 2019, , .		9
9	Delay and energy efficient dynamic bandwidth allocation algorithm for hybrid optical and wireless sensor networks. <i>Optical Fiber Technology</i> , 2020, 55, 102159.	2.7	9
10	A hybrid WDM/OCDMA ring with a dynamic add/drop function based on Fourier code for local area networks. <i>Optics Express</i> , 2011, 19, 6243.	3.4	8
11	Upstream Transmission of WDM/OCDM-PON in a Loop-Back Configuration With Remotely Supplied Short Optical Pulses. <i>Journal of Optical Communications and Networking</i> , 2013, 5, 183.	4.8	8
12	A novel dynamic bandwidth allocation algorithm for multi-OLT and multi-wavelength PON-based hybrid networks. , 2014, , .		8
13	Adaptive limited DBA algorithm for multi-OLT PON-based FTTH and wireless sensor networks. , 2012, , .		7
14	Simultaneous detection of 10-Gbit/s QPSK \tilde{A} - 2-ch Fourier-encoded synchronous OCDM signals with digital coherent receiver. <i>Optics Express</i> , 2013, 21, 3298.	3.4	7
15	Uplink transmission of a 60-km-reach WDM/OCDM-PON using a spectrum-sliced pulse source. <i>Optics Communications</i> , 2014, 312, 238-244.	2.1	7
16	Network Architecture and Performance Analysis of MULTI-OLT PON for FTTH and Wireless Sensor Networks. <i>International Journal of Wireless and Mobile Networks</i> , 2011, 3, 1-15.	0.2	7
17	Cluster-based PON with dynamic upstream data transmission sequence algorithm for improving QoSs. <i>Optical Fiber Technology</i> , 2021, 64, 102584.	2.7	4
18	Underwater Wireless Optical Access Network with OFDM/SBMA System: Concept and Demonstration. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Numerical investigations on phase-diversity optical digital coherent receiver-based noncontact photoacoustic signal detection. IEICE Electronics Express, 2022, 19, .	0.8	3
20	Dynamically Changing the Data Transmission Sequence of ONUs to Enhance the QoSs in PON Systems. , 2019, , .		2
21	Multiple access interference reduction by limiting receiver bandwidth on Fourier code based-OCDFM system. , 2009, , .		1
22	Multivariate identification of low-loss sampled fiber Bragg gratings by downhill simplex method. , 2013, , .		1
23	Upstream transmission of WDM/OCDFM-PON using RSOAs and spectrum-sliced source. , 2012, , .		0
24	Dispersion-induced IQ Imbalance Compensation Using an Electrical-domain Pre-FDE in QPSK Self-homodyne Transmission with AQPM Pilot-carrier. , 2018, , .		0
25	Digital Compensation of Phase and Wavelength Errors in FBG Encoders for FE-SOCDFM system. , 2013, , .		0
26	Simultaneous detection of 10-Gbit/s QPSK Å– 4-channel FE-SOCDFM signals. , 2013, , .		0
27	Self-homodyne Detection of Phase Modulated Signals using Quadrature-phase-modulated and Polarization-multiplexed Pilot Carrier. , 2013, , .		0
28	Collective compensation of an inter-chip intensity discrepancy for a 4ch QPSK FE-SOCDFM system with Si-based ODFT and electrical DFT. Optics Express, 2018, 26, 25909.	3.4	0
29	Research and Development Trends of Underwater Optical Wireless Communication Technologies. IEICE Communications Society Magazine, 2022, 15, 298-306.	0.0	0