

# 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	Numerical investigations on phase-diversity optical digital coherent receiver-based noncontact photoacoustic signal detection. IEICE Electronics Express, 2022, 19, .	0.8	3
2	Research and Development Trends of Underwater Optical Wireless Communication Technologies. IEICE Communications Society Magazine, 2022, 15, 298-306.	0.0	0
3	Cluster-based PON with dynamic upstream data transmission sequence algorithm for improving QoSs. Optical Fiber Technology, 2021, 64, 102584.	2.7	4
4	Delay and energy efficient dynamic bandwidth allocation algorithm for hybrid optical and wireless sensor networks. Optical Fiber Technology, 2020, 55, 102159.	2.7	9
5	Underwater Wireless Optical Access Network with OFDM/SBMA System: Concept and Demonstration. , 2019, , .		3
6	Over 1 Gbit/s NRZ-OOK Underwater Wireless Optical Transmission Experiment Using Wideband PMT. , 2019, , .		9
7	Dynamically Changing the Data Transmission Sequence of ONUs to Enhance the QoSs in PON Systems. , 2019, , .		2
8	A new DBA algorithm for reducing delay and solving the over-granting problem of long reach PON. Optical Switching and Networking, 2019, 31, 62-71.	2.0	16
9	Dispersion-induced IQ Imbalance Compensation Using an Electrical-domain Pre-FDE in QPSK Self-homodyne Transmission with AQPM Pilot-carrier. , 2018, , .		0
10	Collective compensation of an inter-chip intensity discrepancy for a 4ch QPSK FE-SOCDM system with Si-based ODFT and electrical DFT. Optics Express, 2018, 26, 25909.	3.4	0
11	Optical wireless transmission of 405 nm, 145 Gbit/s optical IM/DD-OFDM signals through a 48 m underwater channel. Optics Express, 2015, 23, 1558.	3.4	156
12	Multi-OLT and multi-wavelength PON-based open access network for improving the throughput and quality of services. Optical Switching and Networking, 2015, 15, 148-159.	2.0	28
13	A novel dynamic bandwidth allocation algorithm for multi-OLT and multi-wavelength PON-based hybrid networks. , 2014, , .		8
14	Uplink transmission of a 60-km-reach WDM/OCDM-PON using a spectrum-sliced pulse source. Optics Communications, 2014, 312, 238-244.	2.1	7
15	Dynamic Bandwidth Allocation Algorithm With Proper Guard Time Management Over Multi-OLT PON-Based Hybrid FTTH and Wireless Sensor Networks. Journal of Optical Communications and Networking, 2013, 5, 802.	4.8	27
16	Upstream Transmission of WDM/OCDM-PON in a Loop-Back Configuration With Remotely Supplied Short Optical Pulses. Journal of Optical Communications and Networking, 2013, 5, 183.	4.8	8
17	Simultaneous detection of 10-Gbit/s QPSK Å– 2-ch Fourier-encoded synchronous OCDM signals with digital coherent receiver. Optics Express, 2013, 21, 3298.	3.4	7
18	Multivariate identification of low-loss sampled fiber Bragg gratings by downhill simplex method. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Adaptive Limited Dynamic Bandwidth Allocation Scheme to Improve Bandwidth Sharing Efficiency in Hybrid PON Combining FTTH and Wireless Sensor Networks. IEICE Transactions on Communications, 2013, E96.B, 127-134.	0.7	13
20	Digital Compensation of Phase and Wavelength Errors in FBG Encoders for FE-SOCDM system. , 2013, , .		0
21	Simultaneous detection of 10-Gbit/s QPSK Å— 4-channel FE-SOCDM signals. , 2013, , .		0
22	Self-homodyne Detection of Phase Modulated Signals using Quadrature-phase-modulated and Polarization-multiplexed Pilot Carrier. , 2013, , .		0
23	Upstream transmission of WDM/OCDM-PON using RSOAs and spectrum-sliced source. , 2012, , .		0
24	Adaptive limited DBA algorithm for multi-OLT PON-based FTTH and wireless sensor networks. , 2012, , .		7
25	All-Optical Generation of Optical BPSK/QPSK Signals Interleaved With Reference Light. IEEE Photonics Technology Letters, 2012, 24, 1789-1791.	2.5	12
26	A hybrid WDM/OCDMA ring with a dynamic add/drop function based on Fourier code for local area networks. Optics Express, 2011, 19, 6243.	3.4	8
27	Network Architecture and Performance Analysis of MULTI-OLT PON for FTTH and Wireless Sensor Networks. International Journal of Wireless and Mobile Networks, 2011, 3, 1-15.	0.2	7
28	Multiple access interference reduction by limiting receiver bandwidth on Fourier code based-OCDM system. , 2009, , .		1
29	Optical delay interferometer based on phase shifted fiber Bragg grating with optically controllable phase shifter. Optics Express, 2006, 14, 4250.	3.4	12