

# Tomoaki Yoshida

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fast Feed-Forward Optical and Electrical Gain Control to Extend the Dynamic Range of the Burst-Mode Digital Coherent Receiver for High-Speed TDM-PON Systems. Journal of Lightwave Technology, 2022, 40, 647-654.	4.6	7
2	Demonstration of Real-Time Motion Control Method for Access Edge Computing in PONs. IEEE Access, 2022, 10, 168-175.	4.2	4
3	PON Virtualization Including PHY Softwarization. , 2022, , .		1
4	Low-Latency PON PHY Implementation on GPUs for Fully Software-Defined Access Networks. IEEE Network, 2022, 36, 108-114.	6.9	8
5	Extraction of AMCC Signal Superposed by SOA-Integrated EA-DFB Laser for In-Service Monitoring in All-Photonics Network. Journal of Lightwave Technology, 2022, 40, 5783-5792.	4.6	3
6	Network Design for Bus-Type Optical Access Using Distributed Raman Amplification With Asymmetric Power Splitter. Journal of Lightwave Technology, 2021, 39, 6814-6823.	4.6	3
7	Carrier Phase Estimation Softwarized on GPU Using Decision-Aided Phase Unwrapping for Flexible Optical Coherent Access Systems. Journal of Lightwave Technology, 2021, 39, 1706-1714.	4.6	9
8	Demonstration of IEEE PON Abstraction for SDN Enabled Broadband Access (SEBA). Journal of Lightwave Technology, 2021, 39, 6434-6442.	4.6	15
9	Demonstration of Real-time Coherent 10-Gb/s QPSK Reception Implemented on a Commodity Server. , 2021, , .		6