

# Tomoaki Yoshida

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

56  
citations

1937685

4  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

18  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of IEEE PON Abstraction for SDN Enabled Broadband Access (SEBA). Journal of Lightwave Technology, 2021, 39, 6434-6442.	4.6	15
2	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
3	Low-Latency PON PHY Implementation on GPUs for Fully Software-Defined Access Networks. IEEE Network, 2022, 36, 108-114.	6.9	8
4	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
5	Demonstration of Real-time Coherent 10-Gb/s QPSK Reception Implemented on a Commodity Server. , 2021, , .		6
6	Demonstration of Real-Time Motion Control Method for Access Edge Computing in PONs. IEEE Access, 2022, 10, 168-175.	4.2	4
7	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
8	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
9	PON Virtualization Including PHY Softwarization. , 2022, , .		1