

Zoran Vujicic

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

176
citations

1478505

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h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent Access: A Review. Journal of Lightwave Technology, 2017, 35, 1050-1058.	4.6	67
2	Ultra High Capacity Self-Homodyne PON With Simplified ONU and Burst-Mode Upstream. IEEE Photonics Technology Letters, 2014, 26, 686-689.	2.5	28
3	Coherent ultra dense wavelength division multiplexing passive optical networks. Optical Fiber Technology, 2015, 26, 100-107.	2.7	28
4	Self-Homodyne Detection-Based Fully Coherent Reflective PON Using RSOA and Simplified DSP. IEEE Photonics Technology Letters, 2015, 27, 2226-2229.	2.5	16
5	Efficient Dynamic Modeling of the Reflective Semiconductor Optical Amplifier. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1-10.	2.9	12
6	Demonstration of Wavelength-Shared Coherent PON Using RSOA and Simplified DSP. IEEE Photonics Technology Letters, 2014, 26, 2142-2145.	2.5	8
7	Spectrally Efficient Enhanced-Performance Bidirectional Coherent PON With Laserless 10 Gb/s ONU [Invited]. Journal of Optical Communications and Networking, 2015, 7, A403.	4.8	5
8	Free space optics hybrid PTMP advanced modulation bidirectional PON. , 2014, , .		4
9	Multiple system configuration for next generation optical access networks with real-time Nyquist UDWDM-PON. , 2015, , .		3
10	Simplified model for power penalty when using PIN and APD receivers. Optics Communications, 2017, 392, 15-19.	2.1	2
11	Analytical transient analysis of Peltier device for laser thermal tuning. , 2017, , .		2
12	Coherent detection in self-homodyne systems with single and multi-core transmission. , 2015, , .		1
13	Efficient RSOA modelling using polar complex-valued neural networks. Optics Communications, 2015, 334, 129-132.	2.1	0
14	Anti-Stokes contribution to the SBS Stokes gain in remotely seeded bidirectional NG-PON systems. Optics Express, 2017, 25, 16182.	3.4	0
15	Design and feasibility of thermally tuned thin film filters for NG-PON2 system applications. Optical Fiber Technology, 2018, 46, 54-62.	2.7	0
16	EXPLOR â€“ A Novel Holistic Numerical Platform for Converged Optical-Wireless B5G Networks. , 2020, , .		0