

# Ning Cheng

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

813  
citations

840776

11  
h-index

1125743

13  
g-index

24  
all docs

24  
docs citations

24  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible TWDM PON with WDM overlay for converged services. <i>Optical Fiber Technology</i> , 2015, 26, 21-30.	2.7	30
2	Flexible TWDM PON system with pluggable optical transceiver modules. <i>Optics Express</i> , 2014, 22, 2078.	3.4	47
3	Flexible TWDM PON with Load Balancing and Power Saving. , 2013, , .		16
4	20Gb/s Hybrid TDM/WDM PONs with 512-Split Using Self-Seeded Reflective Semiconductor Optical Amplifiers. , 2012, , .		9
5	Photonic components for future fiber access networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2010, 28, 928-935.	14.0	12
6	Pulse Distortion and Power Penalty Induced by Sinusoidal Amplitude and Phase Response Ripples for Gaussian Pulses. <i>Journal of Lightwave Technology</i> , 2008, 26, 729-738.	4.6	0
7	Dynamic Wavelength Allocation in a Converged and Scalable Interface for Metro-Access Ring Integrated Networks. , 2008, , .		3
8	OPTICAL PHASE-CONJUGATION PROPERTY OF THREE-PHOTON EXCITED BACKWARD STIMULATED EMISSION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2007, 16, 137-155.	1.8	1
9	MARIN Hybrid Optical-Wireless Access Network. , 2007, , .		12
10	CROWN - Converged Optical and Wireless Networks: Network Architecture and Routing Algorithms. , 2007, , .		3
11	MARIN: Demonstration of a Flexible and Dynamic Metro-Access Integrated Architecture. , 2007, , .		5
12	Next-Generation Optical Access Networks. <i>Journal of Lightwave Technology</i> , 2007, 25, 3428-3442.	4.6	344
13	Hybrid Architecture and Integrated Routing in a Scalable Optical Wireless Access Network. <i>Journal of Lightwave Technology</i> , 2007, 25, 3443-3451.	4.6	111
14	Burst Switching Metro-Access Ring Integrated Network. , 2006, , .		0
15	Optimization of All-Optical Wavelength Converter Based on a Nonlinear Semiconductor Optical Amplifier and Delay Interferometer. , 2006, , .		3
16	Noise transfer characteristics of cross-absorption modulation in an electroabsorption modulator. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 780-782.	2.5	2
17	Dynamics of photorefractive grating erasure in polymeric composites. <i>Journal of Applied Physics</i> , 1999, 85, 38-43.	2.5	50
18	Phase-conjugation properties of two-photon-pumped backward-stimulated emission II Theoretical studies. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 1086.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Two-photon pumped partially cross-linked polymer laser. Applied Physics Letters, 1997, 71, 1619-1621.	3.3	35
20	Temperature-dependence studies of photorefractive effect in a low glass-transition-temperature polymer composite. Journal of Applied Physics, 1997, 82, 5923-5931.	2.5	61
21	Thermal fixing of refractive index gratings in a photorefractive polymer. Applied Physics Letters, 1997, 71, 1828-1830.	3.3	28
22	Photorefractivity in a Novel Polymer Composite with High Diffraction Efficiency and Broad Optical Transparency. Journal of Physical Chemistry B, 1997, 101, 3530-3534.	2.6	25
23	<title>Theoretical and experimental studies of photorefractivity in novel polymeric composites</title>. , 1996, , .		1