

Jinhua Hu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

114
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance improvement for silicon-based arrayed waveguide grating router. Optics Express, 2017, 25, 9963.	3.4	27
2	3D Fragmentation Metric and RCSA Scheme for Space Division Multiplexing Elastic Optical Networks. IEEE Access, 2020, 8, 201595-201605.	4.2	18
3	Dispersion Based Highest-Modulation-First Last-Fit Spectrum Allocation Scheme for Elastic Optical Networks. IEEE Access, 2018, 6, 59907-59916.	4.2	16
4	Novel Wavelength Multiplexer Using $(N + 1)$ Å– $(N + 1)$ Arrayed Waveguide Grating and Polarization-Combiner-Rotator on SOI Platform. Journal of Lightwave Technology, 2021, 39, 2431-2437.	4.6	13
5	Enhanced optical sensing performance in stacked resonant compound gratings. Optics Express, 2021, 29, 29458.	3.4	9
6	A novel partition-plane impairment aware routing and spectrum assignment algorithm in mixed line rates elastic optical networks. Photonic Network Communications, 2017, 33, 11-18.	2.7	8
7	Improving the sensitivity of refractive index sensors with integrated double-layer resonant meta-grating structure. Optics Communications, 2022, 515, 128171.	2.1	6
8	An intelligent inter-domain routing scheme under the consideration of diffserv QoS and energy saving in multi-domain software-defined flexible optical networks. Optics Communications, 2016, 366, 229-240.	2.1	5
9	Dynamic power optimization for secondary wearable biosensors in e-healthcare leveraging cognitive WBSNs with imperfect spectrum sensing. Future Generation Computer Systems, 2020, 112, 67-92.	7.5	5
10	Tunable Flat-Top Filtering Response in Cascaded Resonant Waveguide Gratings. IEEE Photonics Journal, 2021, 13, 1-8.	2.0	3
11	High performance optical sensor based on double compound symmetric gratings. Chinese Optics Letters, 2022, 20, 021201.	2.9	2
12	Survivable Virtual Optical Network Coordinated Mapping with Local Backup. Journal of Optical Communications, 2021, 42, 265-271.	4.7	1
13	Resource Allocation Scheme Based on Complete Planning Process for Immediate and Advance Reservation in SDM-EONs. IEEE Access, 2021, 9, 153575-153585.	4.2	1
14	An effective RSA scheme under the consideration of diffserv QoS in multi-domain heterogeneous software defined optical network. , 2016, , .		0
15	Energy-Efficient Routing and Spectrum Assignment Algorithm with Physical-Layer Impairments Constraint in Flexible Optical Networks. Journal of Optical Communications, 2017, 38, .	4.7	0
16	A Cross-layer Traffic Grooming Algorithm in Joint Optimization of the IP over Elastic Optical Network. Journal of Optical Communications, 2019, 41, 73-82.	4.7	0