Masahiko Jinno

List of Publications by Year
in descending order

20 papers	3,661 citations	1684188 5 h-index	2053705 5 g-index
20 all docs	20 docs citations	20 times ranked	1408 citing authors

#	Article	IF	Citations
1	Spectrum-efficient and scalable elastic optical path network: architecture, benefits, and enabling technologies. , 2009, 47, 66-73.		1,321
2	Elastic optical networking: a new dawn for the optical layer?. IEEE Communications Magazine, 2012, 50, s12-s20.	6.1	1,272
3	Distance-adaptive spectrum resource allocation in spectrum-sliced elastic optical path network [Topics in Optical Communications. , 2010, 48, 138-145.		725
4	Spectrally and spatially flexible optical network planning and operations. , 2015, 53, 69-78.		155
5	G-lambda: Coordination of a Grid scheduler and lambda path service over GMPLS. Future Generation Computer Systems, 2006, 22, 868-875.	7.5	80
6	Virtualization in Optical Networks from Network Level to Hardware Level [Invited]. Journal of Optical Communications and Networking, 2013, 5, A46.	4.8	53
7	Virtualized Optical Network (VON) for Agile Cloud Computing Environment. , 2009, , .		17
8	Advantages of IP over elastic optical networks using multi-flow transponders from cost and equipment count aspects. Optics Express, 2014, 22, 62.	3.4	16
9	Virtualized Optical Network (VON) for Future Internet and Applications. IEICE Transactions on Communications, 2010, E93-B, 470-477.	0.7	6
10	Toward Deeply Virtualized Elastic Optical Networks. , 2013, , .		4
11	Joint Storage-Network Resource Management for Super High-Definition Video Delivery Service. , 2011, , .		4
12	Elastic Optical Networking. , 2013, , 653-682.		3
13	Linear and nonlinear impairments when adding and dropping superchannels in an elastic optical network. , 2015, , .		2
14	Recent Advances in Elastic Optical Networks. , 2013, , .		2
15	Optical Transport Networks: Current Challenges and Solutions for the Future. , 2008, , .		1
16	Coordinated network management and control system for reservation and real-time optical-path provisioning. , 2008, , .		0
17	Cross-Layer Network Design and Control Testbeds. Optical Networks Series, 2013, , 325-343.	1.1	0
18	Programmable multicarrier generator for elastic superchannel transponder/regenerator. , 2015, , .		0

#	Article	IF	Citations
19	Effects of Adding/Dropping Nyquist WDM Superchannels on Linear and Nonlinear Transmission Impairments in an Elastic Optical Network. IEICE Transactions on Communications, 2016, E99.B, 1669-1676.	0.7	0
20	Benefits and Enabling Technology for Hardware Virtualization in Optical Networks. , 2015, , .		0