

# Marek Michalski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5722668/publications.pdf>

Version: 2024-02-01

33  
papers

231  
citations

1306789

7  
h-index

1588620

8  
g-index

33  
all docs

33  
docs citations

33  
times ranked

43  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of the WSW1 Switching Fabric Architecture with Limited Resources. Advances in Intelligent Systems and Computing, 2020, , 189-196.	0.5	0
2	Optimization of wide-sense nonblocking elastic optical switches. Optical Switching and Networking, 2019, 33, 85-94.	1.2	10
3	Optimization of strict-sense nonblocking wavelength-space-wavelength elastic optical switching fabrics. Optical Switching and Networking, 2019, 33, 76-84.	1.2	12
4	Wide-Sense Nonblocking W-S-W Node Architectures for Elastic Optical Networks. IEICE Transactions on Communications, 2019, E102.B, 978-991.	0.4	8
5	Performance evaluation of WSW2 switching fabric architecture with limited number of spectrum converters. , 2018, , .		1
6	Optical datacenter networks with elastic optical switches. , 2017, , .		9
7	Wide-sense nonblocking elastic optical switch. Optical Switching and Networking, 2017, 25, 71-79.	1.2	16
8	Proposal of a New Structure for Netfpga Cards. Image Processing & Communications, 2017, 22, 27-34.	0.3	0
9	Strict-sense nonblocking networks with k degrees of freedom. Optical Switching and Networking, 2016, 22, 18-25.	1.2	6
10	Strict-Sense Nonblocking W-S-W Node Architectures for Elastic Optical Networks. Journal of Lightwave Technology, 2016, 34, 3155-3162.	2.7	36
11	Strict-sense nonblocking networks with three multiplexing and switching levels. , 2015, , .		3
12	The strict-sense nonblocking elastic optical switch. , 2015, , .		15
13	The system for large networks emulation with OSPF/BGP routers based on LXC. , 2015, , .		1
14	Looking for correlation between SPAM and visits on your websites. , 2015, , .		0
15	The analysis of time reaction in OpenFlow switches in NetFPGA cards and ROFL. , 2015, , .		2
16	The system for delay measurement in ethernet networks on NetFPGA cards. , 2014, , .		7
17	The control algorithm and the FPGA controller for non-interruptive rearrangeable $\text{Log}_2(N, 0, p)$ switching networks. , 2013, , .		4
18	The configurations for experimental study of the network performance. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
19	IP Pool manager. , 2012, , .		5
20	FPGA controller for rearrangeable $\log_2(N, 0, p)$ fabrics with an even number of stages. , 2011, , .		7
21	The Algorithm for Rearrangements in the $\log_2(N, 0, p)$ Fabrics with an Odd Number of Stages. , 2011, , .		8
22	The FPGA implementation of the $\log_2(N, 0, p)$ switching fabric control algorithm. , 2010, , .		9
23	Rearranging algorithms for $\log_2(N, 0, p)$ switching networks with even number of stages. , 2009, , .		6
24	A Software and Hardware System for a Fully Functional Remote Access to Laboratory Networks. , 2009, , .		11
25	A New Control Algorithm for Wide-Sense Nonblocking Multiplane Photonic Banyan-Type Switching Fabrics with Zero Crosstalk. IEEE Journal on Selected Areas in Communications, 2008, 26, 54-64.	9.7	15
26	Control Algorithm for Multi-Plane Photonic Banyan-Type Switching Fabric with and without First Order Crosstalk. , 2007, , .		0
27	Wide-Sense Nonblocking Multiplane Baseline Switching Networks Composed of $d \times d$ Switches. , 2007, , .		1
28	The Control Algorithm and WSNB Operation of $\log_2(N, 1, p)$ Switching Fabrics. , 2007, , .		0
29	Wide-Sense Nonblocking Multiplane Photonic Banyan-Type Switching Fabrics With Zero Crosstalk. , 2006, , .		8
30	The Routing Algorithm and Wide-Sense Nonblocking Conditions for Multiplane Baseline Switching Networks. IEEE Journal on Selected Areas in Communications, 2006, 24, 35-44.	9.7	17
31	Educational materials for e-learning about signalling systems in telecommunication networks. , 2005, , .		0
32	Lower bounds for WSNB multi- $\log_2(N)$ switching networks. , 2005, , .		2
33	Wide-sense nonblocking $\log_2(N, 0, p)$ switching networks with even number of stages. , 0, , .		6