

# Jan TurÅ·n

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

108  
citations

2258059

3  
h-index

1720034

7  
g-index

28  
all docs

28  
docs citations

28  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification prediction analysis of RSSI parameter in hard switching process for FSO/RF systems. Measurement: Journal of the International Measurement Confederation, 2018, 116, 602-610.	5.0	22
2	Stimulated Brillouin scattering in DWDM all optical communication systems. , 2016, , .		12
3	Free Space Optics Experimental System " Long Term Measurements and Analysis. Acta Electrotechnica Et Informatica, 2015, 15, 26-30.	0.3	11
4	Comparative analysis of optical IQ modulation in four-channel DWDM system in the presence of fiber nonlinearities. , 2018, , .		9
5	Substitution steganography with security improved by chaotic image encryption. , 2017, , .		8
6	Long term availability analysis of experimental free space optics system. , 2015, , .		6
7	On Mitigation of Four-Wave Mixing in High Capacity Ultra-DWDM System. , 2019, , .		6
8	On the Carrier Suppressed Optical Modulation Methods for High Capacity DWDM Systems. , 2019, , .		5
9	Image encryption technique with key diffused by coupled map lattice. , 2018, , .		4
10	Advanced wireless communication systems " Free space optics: Atmosphere monitoring proposal (Fog) Tj ETQq0 0 0 rgBT /Overlock 1		3
11	A Plaintext-related Image Encryption Algorithm Usable in Biometric Systems. , 2021, , .		3
12	An image encryption scheme employing key related skipping. Journal of Electrical Engineering, 2018, 69, 93-105.	0.7	3
13	Analysis of Possibilities of Increasing the Spanned Distance Using EDFA and DRA in DWDM System. Communications - Scientific Letters of the University of Zilina, 2017, 19, 88-95.	0.6	3
14	Usage of optical correlator in video surveillance system for abandoned luggage. , 2017, , .		2
15	On the 100 Gbps DWDM with Optical Carrier Suppression Modulation. Open Computer Science, 2021, 11, 218-223.	1.7	2
16	SURVEY OF THE PROBLEMS AND SOLUTIONS OF ARRAYED WAVEGUIDE GRATINGS USED IN THE OPTICAL NETWORKS. Acta Electrotechnica Et Informatica, 2014, 14, 49-53.	0.3	2
17	Optical correlator in vertical traffic signs inventory system. , 2015, , .		1
18	Effects act on transmitted signal in a fully optical fiber WDM systems. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Inventory System of Vertical Traffic Signs. , 2015, , .		1
20	Challenges in modern wireless optical communication systems â€” Free space optics: Data flow control in FSO monitoring system. , 2016, , .		1
21	Signal processing - object detection methods with usage of optical correlator. , 2016, , .		1
22	Realization of a Long-haul Optical Link with Erbium Doped Fiber Amplifier. Carpathian Journal of Electronic and Computer Engineering, 2018, 11, 44-49.	0.9	1
23	Optimization of Optical Amplification in the High Capacity DWDM System. , 2020, , .		1
24	Architecture of Invariant Transform Based Traffic Sign Recognition System. , 2008, , .		0
25	Using information about weather conditions to define availability and reliability of FSO links. , 2013, , .		0
26	An iterative approach for image coding using Mojette transform. , 2016, , .		0
27	Design of Microstrip Patch Antennas Operating on 2.45 GHz in HFSS and FEKO. , 2019, , .		0
28	Design of Helix Antenna for 9.2GHz in FEKO for FSO/RF Hybrid System Focused on Height of Helix. Carpathian Journal of Electronic and Computer Engineering, 2018, 11, 3-7.	0.9	0