

Vivek K Dwivedi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

172
citations

7
h-index

11
g-index

42
ext. papers

231
ext. citations

2.2
avg, IF

3.73
L-index

#	Paper	IF	Citations
36	New Results in Secrecy Analysis of Mixed RF/FSO Cooperative Relaying Networks. <i>Optics Communications</i> , 2022 , 503, 127376	2	1
35	Secure Transmission for Energy-Efficient Parallel Mixed FSO/RF System in Presence of Independent Eavesdroppers. <i>IEEE Photonics Journal</i> , 2021 , 1-1	1.8	1
34	On the effect of I/Q imbalance in mixed RF/FSO cooperative relaying systems. <i>Optics Communications</i> , 2021 , 497, 127189	2	
33	Impact of RF I/Q Imbalance on Interference-Limited Mixed RF/FSO TWR Systems With Non-Zero Boresight Error. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 416-420	5.9	1
32	Diversity aided millimeter-wave/free space optical cooperative relaying systems. <i>International Journal of Communication Systems</i> , 2021 , 34, e4700	1.7	1
31	On the Physical Layer Security of a Decode and Forward Based Mixed FSO/RF Co-Operative System. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	7
30	Physical layer security of a two way relay based mixed FSO/RF network in the presence of multiple eavesdroppers. <i>Optics Communications</i> , 2020 , 463, 125429	2	13
29	On the Effect of Interference and Misalignment Error in Mixed RF/FSO Systems Over Generalized Fading Channels. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3681-3695	6.9	19
28	Mixed MUD-RF/FSO Two Way Decode and Forward Relaying Networks in the Presence of Co-Channel Interference. <i>Optics Communications</i> , 2020 , 464, 125415	2	4
27	On the physical layer security of hybrid RF-FSO system in presence of multiple eavesdroppers and receiver diversity. <i>Optics Communications</i> , 2020 , 477, 126334	2	11
26	Performance Enhancement of 5G OFDM Systems Using Modified Raised Cosine Power Pulse. <i>Wireless Personal Communications</i> , 2019 , 106, 2375-2386	1.9	2
25	Interference-Limited Mixed MUD-RF/FSO Two-Way Cooperative Networks Over Double Generalized Gamma Turbulence Channels. <i>IEEE Communications Letters</i> , 2019 , 23, 1551-1555	3.8	12
24	Multuser diversity for mixed RF/FSO cooperative relaying in the presence of interference. <i>Optics Communications</i> , 2019 , 442, 77-83	2	13
23	Security Analysis for Mixed RF-FSO system in the presence of a RF - Eavesdropper 2019 ,		1
22	Relay-aided free-space optical communications using χ^2 distribution over atmospheric turbulence channels with misalignment errors. <i>Optics Communications</i> , 2018 , 416, 117-124	2	7
21	On the Performance of RF-FSO System Over Rayleigh and Kappa-Mu/Inverse Gaussian Fading Environment. <i>IEEE Access</i> , 2018 , 6, 4186-4198	3.5	16
20	Development of coded-cooperation based multi-relay system for cognitive radio using mathematical modeling and its performance analysis. <i>Wireless Networks</i> , 2018 , 24, 2035-2041	2.5	1

19	A statistical channel model for a decode-and-forward based dual hop mixed RF/FSO relay network. <i>Optical and Quantum Electronics</i> , 2018 , 50, 1	2.4	9
18	Free space optical communications with distributed switch-and-stay combining. <i>IET Communications</i> , 2018 , 12, 727-735	1.3	3
17	Asymmetric mixed RF/FSO relaying over α -fading channel 2017 ,		1
16	New results on turbulence modelling for Rayleigh-double generalized gamma mixed RF-FSO cooperative system 2017 ,		2
15	Channel capacity with suboptimal adaptation technique over generalized-K fading using marginal moment generating function. <i>Radioelectronics and Communications Systems</i> , 2016 , 59, 325-334	0.9	0
14	On the queue based performance analysis of hybrid cognitive radio 2016 ,		4
13	Radio Frequency global positioning system for real-time vehicle parking 2016 ,		1
12	Joint Overlay-Underlay Optimal Power Allocation in Cognitive Radio. <i>Wireless Personal Communications</i> , 2015 , 83, 2267-2278	1.9	2
11	Moment Generating Function Based Performance Analysis of Maximal-Ratio Combining Diversity Receivers in the Generalized-K Fading Channels. <i>Wireless Personal Communications</i> , 2014 , 77, 1959-1975	1.9	7
10	A new windowing function to reduce ICI in OFDM systems. <i>International Journal of Electronics Letters</i> , 2014 , 2, 2-7	0.6	1
9	MARGINAL MOMENT GENERATING FUNCTION BASED ANALYSIS OF CHANNEL CAPACITY OVER CORRELATED NAKAGAMI-M FADING WITH MAXIMAL-RATIO COMBINING DIVERSITY. <i>Progress in Electromagnetics Research B</i> , 2012 , 41, 333-356	0.7	7
8	A NOVEL MGF BASED ANALYSIS OF CHANNEL CAPACITY OF GENERALIZED-K FADING WITH MAXIMAL-RATIO COMBINING DIVERSITY. <i>Progress in Electromagnetics Research C</i> , 2012 , 26, 153-165	0.9	6
7	A novel moment generating function based performance analysis over correlated Nakagami-m fading channels. <i>Journal of Computational Electronics</i> , 2011 , 10, 373-381	1.8	5
6	Analysis of Channel Capacity of Generalized -K Fading with Maximal-Ratio Combining Diversity Receivers 2011 ,		1
5	Error-rate analysis of the OFDM for correlated Nakagami-m fading channel by using maximal-ratio combining diversity. <i>International Journal of Microwave and Wireless Technologies</i> , 2011 , 3, 717-726	0.8	3
4	A Novel Bit Error Rate Analysis and Improved ICI Reduction Method in OFDM Communication Systems. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2009 , 30, 1170-1180	2.2	6
3	Improved BER analysis of OFDM communication system on correlated Nakagami-m fading channel 2008 ,		2
2	A Novel blind frequency offset estimation method for OFDM systems 2008 ,		1

1 Deep Learning Techniques for OFDM Systems. *IETE Journal of Research*,1-15

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