Vivek K Dwivedi

List of Publications by Citations

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	On the Effect of Interference and Misalignment Error in Mixed RF/FSO Systems Over Generalized Fading Channels. *IEEE Transactions on Communications*, **2020**, 68, 3681-3695	6.9	19
35	On the Performance of RF-FSO System Over Rayleigh and Kappa-Mu/Inverse Gaussian Fading Environment. *IEEE Access*, **2018**, 6, 4186-4198	3.5	16
34	Physical layer security of a two way relay based mixed FSO/RF network in the presence of multiple eavesdroppers. *Optics Communications*, **2020**, 463, 125429	2	13
33	Multiuser diversity for mixed RF/FSO cooperative relaying in the presence of interference. *Optics Communications*, **2019**, 442, 77-83	2	13
32	Interference-Limited Mixed MUD-RF/FSO Two-Way Cooperative Networks Over Double Generalized Gamma Turbulence Channels. *IEEE Communications Letters*, **2019**, 23, 1551-1555	3.8	12
31	On the physical layer security of hybrid RF-FSO system in presence of multiple eavesdroppers and receiver diversity. *Optics Communications*, **2020**, 477, 126334	2	11
30	A statistical channel model for a decode-and-forward based dual hop mixed RF/FSO relay network. *Optical and Quantum Electronics*, **2018**, 50, 1	2.4	9
29	On the Physical Layer Security of a Decode and Forward Based Mixed FSO/RF Co-Operative System. *IEEE Wireless Communications Letters*, **2020**, 1-1	5.9	7
28	Relay-aided free-space optical communications using □distribution over atmospheric turbulence channels with misalignment errors. *Optics Communications*, **2018**, 416, 117-124	2	7
27	Moment Generating Function Based Performance Analysis of Maximal-Ratio Combining Diversity Receivers in the Generalized-K Fading Channels. *Wireless Personal Communications*, **2014**, 77, 1959-1975	1.9	7
26	MARGINAL MOMENT GENERATING FUNCTION BASED ANALYSIS OF CHANNEL CAPACITY OVER CORRELATED NAKAGAMI-M FADING WITH MAXIMAL-RATIO COMBINING DIVERSITY. *Progress in Electromagnetics Research B*, **2012**, 41, 333-356	0.7	7
25	A NOVEL MGF BASED ANALYSIS OF CHANNEL CAPACITY OF GENERALIZED-K FADING WITH MAXIMAL-RATIO COMBINING DIVERSITY. *Progress in Electromagnetics Research C*, **2012**, 26, 153-165	0.9	6
24	A Novel Bit Error Rate Analysis and Improved ICI Reduction Method in OFDM Communication Systems. *Journal of Infrared, Millimeter, and Terahertz Waves*, **2009**, 30, 1170-1180	2.2	6
23	A novel moment generating function based performance analysis over correlated Nakagami-m fading channels. *Journal of Computational Electronics*, **2011**, 10, 373-381	1.8	5
22	Mixed MUD-RF/FSO Two Way Dcode and Forward Relaying Networks in the Presence of Co-Channel Interference. *Optics Communications*, **2020**, 464, 125415	2	4
21	On the queue based performance analysis of hybrid cognitive radio **2016**,		4
20	Error-rate analysis of the OFDM for correlated Nakagami-m fading channel by using maximal-ratio combining diversity. *International Journal of Microwave and Wireless Technologies*, **2011**, 3, 717-726	0.8	3

19	Free space optical communications with distributed switch-and-stay combining. *IET Communications*, **2018**, 12, 727-735	1.3	3
18	Performance Enhancement of 5G OFDM Systems Using Modified Raised Cosine Power Pulse. *Wireless Personal Communications*, **2019**, 106, 2375-2386	1.9	2
17	Joint Overlay-Underlay Optimal Power Allocation in Cognitive Radio. *Wireless Personal Communications*, **2015**, 83, 2267-2278	1.9	2
16	New results on turbulence modelling for Rayleigh-double generalized gamma mixed RF-FSO cooperative system **2017**,		2
15	Improved BER analysis of OFDM communication system on correlated Nakagami-m fading channel **2008**,		2
14	Development of coded-cooperation based multi-relay system for cognitive radio using mathematical modeling and its performance analysis. *Wireless Networks*, **2018**, 24, 2035-2041	2.5	1
13	Radio Frequency global positioning system for real-time vehicle parking **2016**,		1
12	Asymmetric mixed RF/FSO relaying over □fading channel **2017**,		1
11	A new windowing function to reduce ICI in OFDM systems. *International Journal of Electronics Letters*, **2014**, 2, 2-7	0.6	1
10	Analysis of Channel Capacity of Generalized -K Fading with Maximal-Ratio Combining Diversity Receivers **2011**,		1
9	A Novel blind frequency offset estimation method for OFDM systems **2008**,		1
8	Secure Transmission for Energy-Efficient Parallel Mixed FSO/RF System in Presence of Independent Eavesdroppers. *IEEE Photonics Journal*, **2021**, 1-1	1.8	1
7	Deep Learning Techniques for OFDM Systems. *IETE Journal of Research*,1-15	0.9	1
6	Security Analysis for Mixed RF-FSO system in the presence of a RF - Eavesdropper **2019**,		1
5	Impact of RF I/Q Imbalance on Interference-Limited Mixed RF/FSO TWR Systems With Non-Zero Boresight Error. *IEEE Wireless Communications Letters*, **2021**, 10, 416-420	5.9	1
4	Diversity aided millimeter-wave/free space optical cooperative relaying systems. *International Journal of Communication Systems*, **2021**, 34, e4700	1.7	1
3	New Results in Secrecy Analysis of Mixed RF/FSO Cooperative Relaying Networks. *Optics Communications*, **2022**, 503, 127376	2	1
2	Channel capacity with suboptimal adaptation technique over generalized-K fading using marginal moment generating function. *Radioelectronics and Communications Systems*, **2016**, 59, 325-334	0.9	0

1 On the effect of I/Q imbalance in mixed RF/FSO cooperative relaying systems. *Optics Communications*, **2021**, 497, 127189 2