Vivek K Dwivedi

List of Publications by Year
in descending order

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Version: 2024-02-01

41	303	1039406	940134
papers	citations	9 h-index	16 g-index

42	42	42	199
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	4.9	37
2	Multiuser diversity for mixed RF/FSO cooperative relaying in the presence of interference. Optics Communications, 2019, 442, 77-83.	1.0	25
3	On the Performance of RF-FSO System Over Rayleigh and Kappa-Mu/Inverse Gaussian Fading Environment. IEEE Access, 2018, 6, 4186-4198.	2.6	24
4	Interference-Limited Mixed MUD-RF/FSO Two-Way Cooperative Networks Over Double Generalized Gamma Turbulence Channels. IEEE Communications Letters, 2019, 23, 1551-1555.	2.5	21
5	Physical layer security of a two way relay based mixed FSO/RF network in the presence of multiple eavesdroppers. Optics Communications, 2020, 463, 125429.	1.0	19
6	On the physical layer security of hybrid RF-FSO system in presence of multiple eavesdroppers and receiver diversity. Optics Communications, 2020, 477, 126334.	1.0	16
7	On the Physical Layer Security of a Decode and Forward Based Mixed FSO/RF Co-operative System. IEEE Wireless Communications Letters, 2020, , 1-1.	3.2	14
8	A statistical channel model for a decode-and-forward based dual hop mixed RF/FSO relay network. Optical and Quantum Electronics, 2018, 50, 1.	1.5	12
9	Relay-aided free-space optical communications using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml28" display="inline" overflow="scroll" altimg="si3.gif"><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:mi>Î¼</mml:mi></mml:math> distribution over atmospheric turbulence channels with misalignment errors. Optics Communications, 2018, 416, 117-124.	1.0	11
10	Secure Transmission for Energy Efficient Parallel Mixed FSO/RF System in Presence of Independent Eavesdroppers. IEEE Photonics Journal, 2022, 14, 1-14.	1.0	9
11	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.	1.5	8
12	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.	0.6	8
13	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.	1.8	8
14	Mixed MUD-RF/FSO Two Way Dcode and Forward Relaying Networks in the Presence of Co-Channel Interference. Optics Communications, 2020, 464, 125415.	1.0	8
15	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
16	Free space optical communications with distributed switchâ€sandâ€stay combining. IET Communications, 2018, 12, 727-735.	1.5	7
17	Improved BER analysis of OFDM communication system on correlated Nakagami-m fading channel. , 2008, , .		6
18	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.	1.2	6

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19	A novel moment generating function based performance analysis over correlated Nakagami-m fading channels. Journal of Computational Electronics, 2011, 10, 373-381.	1.3	6
20	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.	3.2	6
21	Deep Learning Techniques for OFDM Systems. IETE Journal of Research, 2023, 69, 5883-5897.	1.8	6
22	A new windowing function to reduce ICI in OFDM systems. International Journal of Electronics Letters, 2014, 2, 2-7.	0.7	5
23	On the queue based performance analysis of hybrid cognitive radio. , 2016, , .		4
24	New results on turbulence modelling for Rayleigh-double generalized gamma mixed RF-FSO cooperative system. , 2017, , .		4
25	Diversity aided millimeterâ€wave/free space optical cooperative relaying systems. International Journal of Communication Systems, 2021, 34, e4700.	1.6	4
26	Joint Overlay-Underlay Optimal Power Allocation in Cognitive Radio. Wireless Personal Communications, 2015, 83, 2267-2278.	1.8	3
27	Performance Enhancement of 5G OFDM Systems Using Modified Raised Cosine Power Pulse. Wireless Personal Communications, 2019, 106, 2375-2386.	1.8	3
28	New Results in Secrecy Analysis of Mixed RF/FSO Cooperative Relaying Networks. Optics Communications, 2022, 503, 127376.	1.0	3
29	Analysis of Channel Capacity of Generalized -K Fading with Maximal-Ratio Combining Diversity Receivers. , 2011, , .		2
30	Development of coded-cooperation based multi-relay system for cognitive radio using mathematical modeling and its performance analysis. Wireless Networks, 2018, 24, 2035-2041.	2.0	2
31	On the effect of I/Q imbalance in mixed RF/FSO cooperative relaying systems. Optics Communications, 2021, 497, 127189.	1.0	2
32	A Novel blind frequency offset estimation method for OFDM systems. , 2008, , .		1
33	Joint chunk, power and bit allocation in multicast OFDMA system with average BER constraint. , 2012, , .		1
34	Channel capacity with suboptimal adaptation technique over generalized-K fading using marginal moment generating function. Radioelectronics and Communications Systems, 2016, 59, 325-334.	0.3	1
35	Radio Frequency global positioning system for real-time vehicle parking. , 2016, , .		1
36	Asymmetric mixed RF/FSO relaying over Î±-Î¼ fading channel. , 2017, , .		1

#	Article	IF	Citations
37	Security Analysis for Mixed RF-FSO system in the presence of a RF - Eavesdropper. , 2019, , .		1
38	Partial relay selection for two-way mixed RF/FSO DF networks in the presence of I/Q imbalance. Optical and Quantum Electronics, 2022, 54, .	1.5	1
39	Performance Comparison of BPSK in Rayleigh and AWGN Channel by Monte Carlo Simulation Method. , 2009, , .		0
40	Joint chunk, power and bit allocation in OFDMA based LTE systems. , 2013, , .		0
41	Pulse shaped spectrum sharing in cognitive radio. , 2013, , .		0