

Samir Ahmed Al-Gailani

List of Publications by Year in descending order

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18
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Free Space Optics (FSO) Communication Systems, Links, and Networks. IEEE Access, 2021, 9, 7353-7373.	4.2	100
2	Enhancement of free space optical link in heavy rain attenuation using multiple beam concept. Optik, 2013, 124, 4798-4801.	2.9	69
3	A survey on access technologies for broadband optical and wireless networks. Journal of Network and Computer Applications, 2014, 41, 459-472.	9.1	67
4	A Survey on Deep Learning for Ultra-Reliable and Low-Latency Communications Challenges on 6G Wireless Systems. IEEE Access, 2021, 9, 55098-55131.	4.2	44
5	Pollution Flashover Under Different Contamination Profiles on High Voltage Insulator: Numerical and Experiment Investigation. IEEE Access, 2021, 9, 37800-37812.	4.2	40
6	The Leakage Current Components as a Diagnostic Tool to Estimate Contamination Level on High Voltage Insulators. IEEE Access, 2020, , 1-1.	4.2	37
7	Risk Assessment of Polluted Glass Insulator Using Leakage Current Index Under Different Operating Conditions. IEEE Access, 2020, 8, 175827-175839.	4.2	36
8	Hybrid WDM/multibeam free-space optics for multigigabit access network. Photonic Network Communications, 2015, 29, 138-145.	2.7	28
9	Determination of rain attenuation parameters for free space optical link in tropical rain. Optik, 2014, 125, 1575-1578.	2.9	18
10	Physical layer performance analysis of hybrid and stacked TDM-WDM 40G-PON for next generation PON. Optik, 2014, 125, 6194-6197.	2.9	15
11	New RoF-PON architecture using polarization multiplexed wireless MIMO signals for NG-PON. Optics Communications, 2015, 344, 55-64.	2.1	12
12	A novel optical single-sideband frequency translation technique for transmission of wireless MIMO signals over fiber-wireless system. Optics and Laser Technology, 2013, 47, 347-354.	4.6	10
13	Polarization multiplexing of two MIMO RoF signals and one baseband signal over a single wavelength. Optics and Laser Technology, 2016, 76, 70-78.	4.6	10
14	Dual-Determination of Modulation Types and Signal-to-Noise Ratios Using 2D-ASIQH Features for Next Generation of Wireless Communication Systems. IEEE Access, 2021, 9, 25843-25857.	4.2	10
15	Pollution Flashover Voltage of Transmission Line Insulators: Systematic Review of Experimental Works. IEEE Access, 2022, 10, 10416-10444.	4.2	8
16	Nonuniform compact Ultra-Wide Band Wilkinson power divider with different unequal split ratios. Journal of Electromagnetic Waves and Applications, 2020, 34, 154-167.	1.6	6
17	Prediction Flashover Voltage on Polluted Porcelain Insulator Using ANN. Computers, Materials and Continua, 2021, 68, 3755-3771.	1.9	6
18	Fiber-wireless (FiWi) access network: Performance evaluation and scalability analysis of the physical layer. Optik, 2014, 125, 5334-5338.	2.9	2