Ranjan Gangopadhyay

List of Publications by Year
in descending order

18 papers	137 citations	1937685 4 h-index	1720034 7 g-index
18 all docs	18 docs citations	18 times ranked	148 citing authors

#	Article	IF	Citations
1	Learning based primary user activity prediction in cognitive radio networks for efficient dynamic spectrum access. , 2016, , .		44
2	A novel approach for phonocardiographic signals processing to make possible fetal heart rate evaluations. , 2014, 30, 165-183.		36
3	Predictive spectrum occupancy probability‐based spatio‐temporal dynamic channel allocation map for future cognitive wireless networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3442.	3.9	11
4	TIME-FREQUENCY CHARACTERIZATION OF FETAL PHONOCARDIOGRAPHIC SIGNALS USING WAVELET SCALOGRAM. Journal of Mechanics in Medicine and Biology, 2011, 11, 391-406.	0.7	9
5	Simultaneous demodulation and dispersion compensation of WDM DPSK channels using optical ring resonator. Optics Communications, 2012, 285, 3483-3486.	2.1	9
6	Operational Equivalence of Self-Switching in MZI and Nonlinear Polarization Switches Based on SOAs. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 779-788.	2.9	6
7	Multichannel allocation for full‐duplex underlay device‐to‐device communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3852.	3.9	4
8	Adaptive bit and power allocation for dual mode index modulation based OFDM system. Physical Communication, 2020, 40, 101093.	2.1	4
9	Reach Extension of a DPSK Optical Link Using an Optical Filter Demodulator and MLSE Receiver. IEEE Photonics Technology Letters, 2008, 20, 1630-1632.	2.5	3
10	Adaptive Neuro-Fuzzy Inference System for antepartum antenatal care using phonocardiography. International Journal of Biomedical Engineering and Technology, 2012, 8, 357.	0.2	3
11	Generalized Statistical Spectrum Occupancy Modelling and its Learning based Predictive Validation. , 2018, , .		3
12	Secondary User QoE Enhancement Through Learning Based Predictive Spectrum Access in Cognitive Radio Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 166-178.	0.3	2
13	Dual-mode index modulation based OFDM system over NOMA networks. Physical Communication, 2021, 47, 101395.	2.1	2
14	Effect of fading correlation in relay assisted cooperative SIMO system. , 2009, , .		1
15	Group velocity dispersion and nonlinearity tolerance of micro-ring resonator based filter demodulator for DQPSK signal. , 2012, , .		0
16	Performance analysis of OFDM transmission over 800 kms using mid-link optical phase conjugation and all Raman amplification. , 2012, , .		0
17	All optical packet power equalizer realized by nonlinear micro ring resonator loaded Mach-Zehnder interferometer structure. , 2013, , .		0
18	Performance Analysis of Relay-Assisted Cooperative Systems in Correlated Fading Channels. Wireless Personal Communications, 2014, 78, 1441-1454.	2.7	0