

Dr.Ganesan Nagarajan publications

1. **Channel Coverage Identification for Massive MIMO Millimeter Wave at 28 and 39 GHz using Fine K-Nearest Neighbor Machine Learning Algorithm** 2020
Machine learning, Deep learning and computational intelligence for wireless ...
2. **DFT Spread C-DSLM for Low PAPR FBMC-OQAM Systems** 2020
Workshop on Machine learning, Deep learning and Computational Intelligence ...
3. **A Monopole Octagonal Sierpinski Carpet Antenna with Defective Ground Structure for SWB Applications** 2020
Workshop on Machine learning, Deep learning and Computational Intelligence ...
4. **Survey on Different Fractal Patch Antenna Structures with Resonators** 2020
International Conference on Signal Processing and Communication System ...
5. **Design and Analysis of Recursive Square Fractal Antenna for WLAN Applications** 2020
2020 International Conference on Emerging Trends in Information Technology ...
6. **Co-axial Feed with variations of U-slot in Rectangular Microstrip Patch Antenna at 2.45 GHz** 2020
2020 International Conference on Emerging Trends in Information Technology ...
7. **Decision Feedback Equalizers and Alamouti Coded DFT Spread for Low PAPR FBMC-OQAM System** 2020
2020 International Conference on Emerging Trends in Information Technology ...
8. **Analysis on various Shapes of Microstrip Patch Antenna at 2.4 GHz** 2020
International Conference on Signal Processing and Communication System ...
9. **Hybrid DFT Spread ISTM and PRE-Processing based PTS for FBMC – OQAM system** 2020
International Conference on Signal Processing and Communication System ...
10. **Co-axial Feed with U-I slot in ectangular Microstrip Patch Antenna at 2.45 GHz** 2020
International Conference on computing Information Electronics and Electrical ...
11. **FBMC – OQAM System using Virtual Symbols and PTS with Segment Based Optimization and Short Prototype Filters** 2019
International Conference on Artificial Intelligence, Smart Grid and Smart ...
12. **Indoor Channel Characterization with Multiple Hypotheses Testing in Massive Multiple Input Multiple Output** 2019
Journal of Computational and Theoretical Nanoscience 16 (4), 1275-1279
13. **Channel Analysis for an Indoor Massive MIMO mmWave Systems** 2019
International Conference on Artificial Intelligence, Smart Grid and Smart ...
14. **A Compact Microstrip-fed MIMO antenna for 2.4 GHz Applications** 2019
2nd IEEE – International Conference on Systems, Computation, Automation and ...
15. **Sum Rate Analysis under LoS and NLoS conditions for a distributed Massive MIMO System** 2019
2nd IEEE – International Conference on Systems, Computation, Automation and ...
16. **FBMC OQAM -PTS With Virtual Symbols and DFT Spreading Techniques** 2019
International conference on communication, Devices and computing (ICCDC 2019)
17. **Improved Coverage Measurements through Machine Learning Algorithms in a Situational Aware Channel Condition for Indoor Distributed Massive MIMO mm-Wave System** 2019
Special Issue on ICBCC, Intelligent Transportation Systems for Smart Cities ...
18. **FBMC OQAM-PTS with Virtual Symbol and DFT Spreading Techniques** 2019
Advances and Applications in Mathematical Sciences 18 (9), 817-825
19. **A Hybrid RSS-TOA Bsed Localization for Distributed Indoor Massive MIMO Systems** 2019
Emerging Trends in Computing and Expert Technology
20. **Compressive Sensing in the Multiple Antenna Regime** 2019
Advanced Wireless Sensing Techniques in 5G Networks, 109-121
21. **Visible Light Communication for Advanced Wireless 5G Light – Fidelity Networks** 2019
Advanced Wireless Sensing Techniques in 5G Networks
22. **Proficient Reconstruction Algorithms for Low Dose X-ray Tomography** 2019
Hybrid Machine Intelligence for Medical Image Analysis
23. **Advances in Modelling and Analysis D** 2018
Journal homepage: [http://ieta.org/Journals/AMA/AMA_D_23_\(1\),_6-11](http://ieta.org/Journals/AMA/AMA_D_23_(1),_6-11)
24. **Advances in Modelling and Analysis D** 2018
Journal homepage: [http://ieta.org/Journals/AMA/AMA_D_23_\(1\),_1-5](http://ieta.org/Journals/AMA/AMA_D_23_(1),_1-5)

Dr.Ganesan Nagarajan publications

25. **Advances in Modelling and Analysis D** 2018
Journal homepage: http://ieta.org/Journals/AMA/AMA_D_23_1, 12-18
26. **Modelling, Measurement and Control A** 2018
S Arunmozhi, G Nagarajan
Journal homepage: http://ieta.org/Journals/MMC/MMC_A_91_4, 168-174
27. **Advances in Modelling and Analysis B** 2018
Journal homepage: http://ieta.org/Journals/AMA/AMA_B_61_4, 189-197
28. **Indoor Channel Characterization with multiple hypothesis testing in massive MIMO** 2018
DGNDPR Vankayala Chethan Prakash
INTELLINC
29. **Multiple Antennas Based Collaborative Spectrum Sensing Techniques** 2018
Advanced Wireless Sensing Techniques for 5G Networks, 123-139
30. **Visible light communication for advanced wireless 5G light-fidelity networks** 2018
Advanced Wireless Sensing Techniques 5G Networks 17, 285-300
31. **Efficient Sensing Schemes for Cognitive Radio** 2018
Advanced Wireless Sensing Techniques for 5G Networks, 75-90
32. **ACHIEVABLE RATE ANALYSIS FOR FULL-DUPLEX RELAY NETWORKS WITH SPATIAL MODULATION** 2018
2018 IEEE International Conference on System, Computation, Automation and ...
33. **Image Reconstruction Algorithm for Computer Tomography on Different Projection** 2018
INTELLINC' 18
34. **A Novel Single Inductor eight –channel, light emitting diode driver for low power display backlight applications** 2018
Turkish Journal of Electrical Engineering & Computer Sciences
35. **Performance Analysis of Quadrature Spatial Modulation Based Cooperative Relaying MIMO Networks** 2018
International Conference on Inventive Systems and Control (ICISC 2017)
36. **Indoor Channel Characterization with multiple hypothesis testing in massive MIMO** 2018
INTELLINC
37. **Achievable Rate Analysis for Full-Duplex Relay Networks with Spatial Modulation** 2018
SADGN Nagarajan
38. **Performance of Full-Duplex One-Way and Two-Way Cooperative Relaying Networks** 2018
Indonesian Journal of Electrical Engineering and Computer Science (IJECS) 9 ...
39. **A Novel MTCMOS-Based On-Chip Soft-Start Circuit for Low Leakage LED Driver with Minimum In-Rush Current** 2018
VLSI Design: Circuits, Systems and Applications, 141-149
40. **Association for the Advancements of Modelling and Simulation Techniques in Enterprises** 2017
(AMSE), Series: Advances D
41. **Multi-partition switching based low power on-chip LED driver with minimal in-rush current for display backlight applications** 2017
2017 International Conference on Communication and Signal Processing (ICCSP ...
42. **Analytical method development and validation for simultaneous estimation of lamivudine and zidovudine in tablet dosage form by using RP-HPLC method** 2017
Global Journal of Pharmaceutical and Biological Sciences 2 (1), 09-17
43. **Power Supply Noise reduction circuit for mixed signal VLSI Systems** 2017
CIIT International Journal of Digital Signal Processing
44. **A low noise and power efficient 45nm GPDK technology based highly stable current balancing logic (HCBL) and dynamic logic circuits for mixed signal systems** 2017
AMSE Adv. C 72 (1), 11-24
45. **Performance analysis of quadrature spatial modulation based cooperative relaying MIMO networks** 2017
2017 International Conference on Inventive Systems and Control (ICISC), 1-4
46. **Power Supply Noise reduction circuit for mixed signal VLSI Systems** 2017
International Conference on Contemporary Topics in Power Engineering and ...
47. **Enhancement of Network Lifetime of Wireless Sensor Networks using Energy Efficient Mobile Sink based Routing Protocol** 2017

Dr.Ganesan Nagarajan publications

	International Conference on Contemporary Topics in Power Engineering and ...	
48.	Harmonizing Mechanism for Power Saving and Delay Reduction in LTE Networks using DRX CIIT International Journal of Digital Signal Processing 9 (2), 31-34	2017
49.	Power Supply Noise Reduction In Mixed Signal System-On-Chip With Active Decoupling Indicator CIIT International Journal of Digital Signal Processing 9 (2), 17-25	2017
50.	Enhancement of Network Lifetime of Wireless Sensor Networks using Energy Efficient Mobile Sink based Routing Protocol CIIT International Journal of Wireless Communications 9 (3)	2017
51.	Power Supply Noise reduction in mixed signal system on chip with active decoupling inductor International Conference on Contemporary Topics in Power Engineering and ...	2017
52.	MTCMOS based soft start circuit for low leakage LED driver with minimum Inrush Current Proceedings of the International Conference on NextGen Electronic ...	2017
53.	Temperature Aware Linear LED driver with minimum leakage and inrush current Proceedings of the International Conference on Communication and Signal ...	2017
54.	A Novel Temperature Aware Adaptive Linear LED Driver with Minimal Leakage Power and Minimal In-Rush current during start-up Proceedings of the International Conference on Contemporary Topics in Power ...	2017
55.	Green Cooperative Spectrum Sensing for Cognitive Radio Networks International Conference on Contemporary Topics in Power Engineering and ...	2017
56.	Multi-Partition Switching Based Low Power On-Chip LED Driver with Minimal In-Rush Current for Display Backlight Applications IEEE International Conference on Communication and Signal Processing (ICCSP'17),	2017
57.	A Novel MTCMOS based On-Chip Soft-Start Circuit for Low Leakage LED Driver with Minimum In-Rush Current Springer Lecture Notes in Electrical Engineering.	2017
58.	A Novel MTCMOS based On-Chip Soft-Start Circuit for Low Leakage LED Driver with Minimum In-Rush Current International Conference on NextGen Electronic Technologies: Silicon to ...	2017
59.	Performance of Half Duplex Cellular Network Over A Multiple Access Relaying Channel International Conference on Contemporary Topics in Power Engineering and ...	2017
60.	Energy efficient clustering approach for distributing heavy data traffic in wireless sensor networks AMSE Journals, 98-112	2017
61.	Performance of Landweber iteration algorithm in tomographic image reconstruction International Journal of Image Mining 2 (3-4), 292-300	2017
62.	Analysis on spectrum sensing schemes for cognitive radio networks International Journal of Image Mining 2 (3-4), 195-207	2017
63.	Performance of Half Duplex Cellular Network over a Multiple Access Relaying Channel WIRELESS COMMUNICATION, 34	2017
64.	Controlled channel sharing for Cognitive Radio Networks Australian Journal of basic and Applied Sciences, 82-90	2016
65.	Image Reconstruction For Tomographic Using Wavelet Transform International Journal of Scientific and Engineering Research	2016
66.	Linear Dimmable Current Controller for Low Power Automotive LED Lighting Proceedings of National Conference on Advances in Technology and Science ...	2016
67.	An Incremental Hybrid Decode-Amplify Forward Selection Based Cooperative Wireless Network Proceedings of the International Conference on Communication and Security ...	2016
68.	Analysis of Active Decoupling Inductor used for Power Supply noise reduction in mixed signal system on a chip International conference on communication and security (ICCS'16)	2016
69.	Leakage Power Aware LED Driver International Conference On Recent Trends in Engineering And Material ...	2016
70.	Enhancement of network life time in Wireless sensor networks using residual energy Proceedings of International conference on Communication and security (ICCS ...	2016

Dr.Ganesan Nagarajan publications

71.	Controlled channel sharing for Cognitive Radio Networks Proceedings of International conference on Communication and security ...	2016
72.	Performance of Landweber Iteration Algorithm in Tomography Image Reconstruction International Conference on Communication and Security , (ICCS 2016)	2016
73.	Optimization of power saving and Latency in LTE network using DRX mechanism 2016 10th International Conference on Intelligent Systems and Control (ISCO ...	2016
74.	Highly stable power efficient noise tolerant circuits for analog and digital systems 2016 10th International Conference on Intelligent Systems and Control (ISCO ...	2016
75.	Model for Optimized Interference Cognitive Radio Networks International Journal of Emerging Technology in Computer Science and ...	2016
76.	Enhancement Of Network Lifetime In Wireless Sensor Networks Using Residual Energy International Journal of Image Mining 2 (2)	2016
77.	Analysis of Active Decoupling Inductor used for Power Supply noise reduction in mixed signal system on a chip International conference on communication and security (ICCS'16)	2016
78.	An Incremental Hybrid Decode-Amplify Forward Selection Based Cooperative Wireless Network Proceedings of the International Conference on Communication and Security ...	2016
79.	Model for Optimized Interference in Cognitive Radio Network International Conference on Emerging and Recent Technology (ICERT)	2016
80.	An incremental hybrid decode-amplify forward selection for wireless relaying networks International Journal of Knowledge Engineering and Soft Data Paradigms 5 (3 ...	2016
81.	Functional mechanism of DRX parameters for power saving and latency in LTE network International Journal of Knowledge Engineering and Soft Data Paradigms 5 (3 ...	2016
82.	Electron field emission display based on AIC-PECVD, ...	2016
83.	Highly Stable Power Efficient Noise Tolerant Circuits for Analog and Digital Systems Proceedings of 10th International Conference on Intelligent Systems and ...	2016
84.	Enhancement of network life time in Wireless sensor networks (WSNs) using scalable energy efficient fuzzy tree based routing protocol Proceedings of National conference on Instrumentation systems, Measurement ...	2016
85.	Reduction of Radiation dose in X ray Tomography National Conference on Instrumentation systems, Measurement and Automation ...	2016
86.	Spectrum sensing schemes for cognitive radio network TEQIP sponsored National Conference on Instrumentation systems, measurement ...	2016
87.	Tomographic image reconstruction using SART algorithm International Journal of Medical Engineering and Informatics 8 (3), 239-248	2016
88.	Relaying networks with Nth Best-Relay Selection over Nakagami fading channel 2015 International Conference on Microwave, Optical and Communication ...	2015
89.	Relaying Networks with Nth best Relay selection over Nakagami fading channel Proceedings of the International Conference on Microwave, Optical and ...	2015
90.	A summarization on PAPR techniques for OFDM systems Journal of The Institution of Engineers (India): Series B 96 (4), 381-389	2015
91.	Peak-power reduction using improved partial transmit sequence in orthogonal frequency division multiplexing systems Computers & Electrical Engineering 44, 80-90	2015
92.	Optimal Channel Sharing in Cognitive Radio Networks International Journal of IRCCE	2015
93.	VLSI implementation of adaptive current controller for high bright LED lighting 2015 3rd International Conference on Signal Processing, Communication and ...	2015
94.	Channel assignment for Cognitive Radio network 2015 3rd International Conference on Signal Processing, Communication and ...	2015
95.	Performance analysis of dual-hop mixed relaying cooperative networks with Nth best-path selection	2015

Dr.Ganesan Nagarajan publications

2015 International Conference on Circuits, Power and Computing Technologies ...

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| 96. | Optimum channel sharing for cognitive radio networks
Proceedings of International Conference on Signal Processing, Communication ... | 2015 |
| 97. | Performance Analysis of Dual Hop Mixed Relaying cooperative Networks and Nth Best Path Selection
Proceedings of IEEE International Conference on Circuit, Power and Computing ... | 2015 |
| 98. | Enhancing network lifetime using tree based routing protocol in wireless sensor networks
2015 2nd International Conference on Electronics and Communication Systems ... | 2015 |
| 99. | Enhancing Network life time using tree based Routing Protocol in Wireless Sensor Networks
Proceedings of International Conference on Electronics and Communication ... | 2015 |
| 100. | User equipment power saving and delay optimization in LTE network using DRX mechanis
proceedings of International conference on recent advances in engineering ... | 2015 |
| 101. | ZF based adaptive gain for two way amplify and forward relaying with analog network coding
Proceedings of National Conference on Recent Advancements in VLSI, Signal ... | 2015 |
| 102. | DRX parameter optimization for power saving in LTE,” Proceedings of National Conference on Recent Advancements in VLSI
Signal Processing&Communication (RAVSC-2015) | 2015 |
| 103. | Green Cooperative Spectrum Sensing for Cognitive Radio Network
CIIT International Journal of Networking and Communication Engineering 9 (2 ... | 2015 |
| 104. | Power Allocation Strategies in Wireless Relay Networks
National Journal of Technology 11 (2), 9-16 | 2015 |
| 105. | A Novel Approach for Reduction of Radiation Dose in X-ray Computed Tomography
International Journal of Advanced Research in Computer Science and Software ... | 2015 |
| 106. | Balamuralidhar P Bhadru Amgothu Bhagyaveni MA Britto Pari. J | 2015 |