

## Dr.P.PALANISAMY PUBLICATIONS

1. **Surface receptor - mediated targeted drug delivery systems for enhanced cancer treatment: A state - of - the - art review** 2020  
Drug Development Research
2. **Formulation and evaluation of rutin-loaded solid lipid nanoparticles for the treatment of brain tumor** 2020  
...  
Naunyn-Schmiedeberg's Archives of Pharmacology, 1-15
3. **RPE layer detection and baseline estimation using statistical methods and randomization for classification of AMD from retinal OCT** 2020  
Computer Methods and Programs in Biomedicine, 105822
4. **Pixel matching search algorithm for counting moving vehicle in highway traffic videos** 2020  
Multimedia Tools and Applications, 1-20
5. **A lightweight CNN for Diabetic Retinopathy classification from fundus images** 2020  
Biomedical Signal Processing and Control 62, 102115
6. **Automated classification of diabetic retinopathy through reliable feature selection** 2020  
Physical and Engineering Sciences in Medicine 43 (3), 927-945
7. **Modified Adaptive Dictionary Reconstruction Framework for Compressed Sensing of ECG Signals** 2020  
2020 International Conference on Communication and Signal Processing (ICCSP ...
8. **Localization of Coherent Targets in Bistatic MIMO Radar** 2020  
2020 International Conference on Communication and Signal Processing (ICCSP ...
9. **Moving Vehicle Candidate Recognition and Classification Using Inception-ResNet-v2** 2020  
2020 IEEE 44th Annual Computers, Software, and Applications Conference ...
10. **Improved Method of Direction Finding for Non Circular Signals with Wavelet Denoising Using Three Parallel Uniform Linear Arrays** 2020  
Wireless Personal Communications, 1-15
11. **A hybrid feature preservation technique based on luminosity and edge based contrast enhancement in color fundus images** 2020  
Biocybernetics and Biomedical Engineering
12. **An Indirect Method to Estimate Sweet Lime Weight through Machine Learning Algorithm** 2020  
2020 Fourth International Conference on Computing Methodologies and ...
13. **Automated Binary and Multiclass Classification of Diabetic Retinopathy Using Haralick and Multiresolution Features** 2020  
IEEE Access 8, 57497-57504
14. **Yield Estimation of Chilli Crop using Image Processing Techniques** 2020  
2020 6th International Conference on Advanced Computing and Communication ...
15. **Texture and Colour Gradient Features for Grade analysis of Pomegranate and Mango Fruits using kernel-SVM Classifiers** 2020  
2020 6th International Conference on Advanced Computing and Communication ...
16. **Performance Analysis of Adaptive Generalized Spatial Modulation** 2020  
2020 International Conference on Artificial Intelligence and Signal ...
17. **Closed form Capacity expression of Spatial modulation using Hypergeometric series** 2020  
2020 International Conference on Computation, Automation and Knowledge ...
18. **Computationally Efficient Direction of Arrival Estimation of Coherent Signals for Three Parallel Uniform Linear Arrays** 2020  
Energy Systems, Drives and Automations, 669-681
19. **Detecting anomalous growth of skin lesion using threshold-based segmentation algorithm and Fuzzy K-Nearest Neighbor classifier** 2020  
Journal of Cancer Research and Therapeutics 16 (1), 40

20. Polarization Difference Smoothing in Bistatic MIMO Radar 2020  
Progress In Electromagnetics Research 88, 67-74
21. Two Dimensional Direction of Arrival Estimation Algorithm for Coherent Signals Using Three Parallel Uniform Linear Arrays 2019  
Journal of Communications Technology and Electronics 64 (12), 1383-1390
22. Computationally efficient method for joint DOD and DOA estimation of coherent targets in MIMO radar 2019  
Signal Processing 165, 262-267
23. Analysis of GSM-SM Over  $\kappa$ - $\mu$ ,  $\eta$ - $\mu$  and  $\alpha$ - $\mu$  Fading Channels 2019  
WIRELESS PERSONAL COMMUNICATIONS
24. Analysis of GSM-SM Over  $\kappa$ - $\mu$ ,  $\eta$ - $\mu$  and  $\alpha$ - $\mu$  Fading Channels 2019  
Wireless Personal Communications, 1-15
25. Clustered ANFIS weighing models for sweet lime (*Citrus limetta*) using computer vision system 2019  
Journal of Food Process Engineering 42 (6), e13160
26. Balanced GHM Mutiwavelet Transform Based Contrast Enhancement Technique for Dark Images Using Dynamic Stochastic resonance 2019  
INTELLIGENT AUTOMATION AND SOFT COMPUTING 25 (3), 459-471
27. Direct Localization of Multiple Noncircular Sources With a Moving Nested Array 2019  
IEEE Access 7, 101106-101116
28. Fractional fuzzy 2DLDA approach for pomegranate fruit grade classification 2019  
Computers and Electronics in Agriculture 162, 95-105
29. Classification and weighing of sweet lime (*Citrus limetta*) for packaging using computer vision system 2019  
Journal of Food Measurement and Characterization 13 (2), 1451-1468
30. Spatial and polarization angle estimation of mixed-targets in MIMO radar 2019  
Progress In Electromagnetics Research 82, 49-59
31. Classification and weighing of sweet lime (*Citrus limetta*) for packaging using computer vision syste 2019  
Journal of Food Measurement and Charecterization
32. Advances in Ultrasound Despeckling: An Overview 2019  
Advanced Classification Techniques for Healthcare Analysis, 311-335
33. Application of Hypergeometric function in MIMO Wireless Systems 2018  
2018 International Conference on Circuits and Systems in Digital Enterprise ...
34. An Adaptive Enhancement method for Low Contrast Color Retinal Images based on Strucural Similarity 2018  
2018 International Conference on Circuits and Systems in Digital Enterprise ...
35. DOD and DOA estimation using the spatial smoothing in MIMO radar with the EmV sensors 2018  
Multidimensional Systems and Signal Processing 29 (4), 1241-1253
36. 2D-DOD and 2D-DOA estimation using the electromagnetic vector sensors 2018  
Signal Processing 147, 163-172
37. Dynamic Functional and Network Connectivity Changes of Functional MRI Data: Parkinson's Study 2018  
2018 3rd IEEE International Conference on Recent Trends in Electronics ...
38. An improved nonlocal maximum likelihood estimation method for denoising magnetic resonance images with spatially varying noise levels 2018  
Pattern Recognition Letters
39. Online Manuscript Access 2018
40. An improved luminosity and contrast enhancement framework for feature preservation in color fundus images 2018  
Signal, Image and Video Processing
41. Integrated polarisation and diversity smoothing algorithm for DOD and DOA estimation of 2017

- coherent targets  
IET Signal Processing 12 (4), 447-453
42. A novel CS Beamformer root-MUSIC algorithm and its subspace deviation analysis 2017  
TENCON 2017-2017 IEEE Region 10 Conference, 1404-1408
  43. Undecimated double density wavelet transform based contrast enhancement technique using dynamic stochastic resonance 2017  
2017 IEEE 2nd International Conference on Signal and Image Processing (ICSIP ...
  44. On-grid DOA estimation method using orthogonal matching pursuit 2017  
2017 International Conference on Signal Processing and Communication (ICSPC ...
  45. A Novel Sparse recovery based DOA estimation algorithm by relaxing the RIP constraint 2017  
arXiv preprint arXiv:1707.08117
  46. A nonlocal maximum likelihood estimation method for enhancing magnetic resonance phase maps 2017  
Signal, Image and Video Processing 11 (5), 913-920
  47. On application of OMP and CoSaMP algorithms for DOA estimation problem 2017  
2017 International Conference on Communication and Signal Processing (ICCSP ...
  48. Pedestrian classification in partial occlusion 2017  
2017 Fourth International Conference on Signal Processing, Communication and ...
  49. Method and apparatus for modifying forwarding states in a network device of a software defined network 2017  
US Patent App. 14/846,688
  50. Robust wavelet denoising based DOA estimation with mutual coupling compensation 2017  
2017 4th International Conference on Advanced Computing and Communication ...
  51. Outage Capacity Performance Analysis of Dual-Hop Multiple-Relay Decode-and-Forward System for Generalized - Fading Channel 2017  
Proceeding of International Conference on Intelligent Communication, Control ...
  52. A strict bound for dimension of measurement matrix for CS beamformer MUSIC algorithm 2016  
2016 IEEE Region 10 Conference (TENCON), 2602-2605
  53. Speckle reduction in medical ultrasound images using an unbiased non-local means method 2016  
Biomedical Signal Processing and Control 28, 1-8
  54. Removal of high density salt and pepper noise through improved tolerance based selective arithmetic mean filtering with wavelet thresholding 2016  
AEU-International Journal of Electronics and Communications 70 (6), 757-776
  55. Outage performance analysis of dual-hop multi-relay decode-and-forward system for asymmetric fading channels 2016  
2016 International Conference on Advances in Computing, Communication ...
  56. Enhancement and bias removal of optical coherence tomography images: an iterative approach with adaptive bilateral filtering 2016  
Computers in biology and medicine 71, 97-107
  57. Iterative computed tomography reconstruction from sparse-view data 2016  
Journal of Medical Imaging and Health Informatics 6 (1), 34-46
  58. Enhancement and bias removal of optical coherence tomography images: An iterative approach with adaptive bilateral filtering, ... 2016
  59. Undecimated Balanced GHM Multiwavelet Transform based Contrast Enhancement Technique for Dark Images using Dynamic Stochastic Resonance 2016  
International Journal of Computer Applications 150 (11)
  60. Nonlocal linear minimum mean square error methods for denoising MRI 2015  
Biomedical Signal Processing and Control 20, 125-134
  61. Optimal pilot-aided semi blind channel estimation for MIMO-OFDM system 2015  
2015 Global Conference on Communication Technologies (GCCT), 290-293
  62. Neural network based class-conditional probability density function using kernel trick for supervised classifier 2015  
Neurocomputing 154, 225-229

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| 63. | <b>Coherent targets DOA estimation with electromagnetic vector sensors in MIMO radar</b><br>2015 3rd International Conference on Signal Processing, Communication and ... | 2015 |
| 64. | <b>MIMO-OFDM channel estimation with complex and bipolar NRZ encoded pilots</b><br>2015 International Conference on Computer Communication and Informatics ...            | 2015 |