

1. Name : Dr. P. KUMAR
2. Designation & Department : Assistant Professor Centre for Information Technology and Engineering
3. College : Manonmaniam Sundaranar University
Abishekapatti, Tirunelveli – 627012 Tamil Nadu
4. E-mail : kumarcite@gmail.com

PUBLICATION DETAILS

Journals

1. Godlin Atlas L, Kumar Parasuraman, “Automatic Detection of Retinal Hemorrhages by Exploiting Retinal Images Processing by Using Moment Invariants-Based Features” International Journal of 2018 Scientific Research in Computer Science, Engineering and Information Technology, © 2018 IJSRCSEIT | Volume 3 | Issue 1 | ISSN : 2456-3307, pp. 1901 – 1907.
2. Godlin Atlas L, Kumar Parasuraman, “Classification and Detection of retinal hemorrhages by Using Moment Invariants and Gray-Level Based Features” International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 3 | Issue 5 | ISSN : 2456-3307, pp. 985-995. 2018
3. Godlin Atlas L and Dr. Kumar Parasuraman “Detection of retinal hemorrhage from fundus images using ANFIS classifier and MRG segmentation” Biomedical Research (2018) Volume 29, Issue 7, Publisher : Scientific Publishers of India, pp.1489-1497, ISSN:0970-938X (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.284. 2018
4. Tamilarasan Santhamurthy, Dr. Kumar Parasuraman, “EPBDRA: Efficient Priority Based Dynamic Resource Allocation in Heterogeneous MIMO Cognitive Radio Networks”, International Journal of Intelligent Engineering and Systems, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XE-ISSN:2185-3118 Vol.11, No.1, 2018, pp.276-285 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248. 2018
5. Dr. T. Arumuga Maria Devi, D. Muthukumar, Dr. P. Kumar “Signal Analysis of Various Filters for Voltage and Current Level Measurement in Series or Parallel RLC Resonant circuits on Hyper Spectral Data Magnification” International Journal of Advanced Scientific Technologies in Engineering and Management Sciences (IJASTEMS) -ISSN: 2454- 356X), Volume.3,Issue.12, December 2017, pp.8-13. 2017
6. Lawrence Livingston Godlin Atlas and Kumar Parasuraman “Effective Approach to Classify and Segment Retinal Hemorrhage Using ANFIS and Particle Swarm Optimization” Journal

- of Intelligent Systems, ISSN:0334-1860E-ISSN:2191-026X, pp.1-17, Publisher : Walter de Gruyter GmbH, Source Normalized Impact per Paper (SNIP) 2016: 0.206 (SCI Journal) 2017
7. S.Tamilarasan, P.Kumar, "Dynamic Resource Allocation based on priority approach in MIMO Cognitive Radio Networks-A Literature Survey", International Journal of Computer Sciences and Engineering (IJCSE), Volume 5, Issue 5, May-2017, E-ISSN: 2347-2693, IF: 2.162, PP: 197-202. (UGC Approved Journal), Jr.No: 63193. 2017
 8. S. Tamilarasan, Dr.P.Kumar, "A Survey on Dynamic Resource Allocation in MIMO Heterogeneous Cognitive Radio Networks based on Priority Scheduling", International Journal of Computer Sciences and Engineering (IJCSE), Volume 5, Issue 1, January 2017, E-ISSN: 2347-2693, IF: 2.162, PP: 53-59, (UGC Approved Journal), Jr.No: 63193. 2017
 9. Tamilarasan Santhamurthy, Dr. Kumar Parasuraman, "Appropriate Channel Selection for Dynamic Resource Allocation with Priority Scheduling Approach in Multi-hop Cognitive Radio Networks", International Journal of Intelligent Engineering and Systems, Vol.10, No.2, 2017, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XEISSN:2185-3118, (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248. 2017
 10. S. Mohamed Vijithan, Kumar Parasuraman, T. Arumuga Maria Devi "A Novel Approach for MRI Brain Image Segmentation using Local Independent Projection Model" CiiT International Journal of Digital Image Processing, Vol 8, No 07, July 2016, ISBN: 0974-9691/CIIT-IJ-6800/07/\$20/\$100 © 2016, pp.237-243. 2016
 11. Kayathri K, Kumar Parasuraman and Arumuga Maria Devi "Acute Mylogenous Leukemia Detection in Blood Microscopic Images" International Journal of Computer Sciences and Engineering, Vol.4 (7), PP (154-160) Jul 2016, E-ISSN: 2347-2693. 2016
 12. T. Siva Sakthi, Kumar Parasuraman, Arumuga Maria Devi "Implementation of Lung Cancer Nodule Feature Extraction using Threshold Technique" International Advanced Research 2016 Journal in Science, Engineering and Technology ISO 3297:2007 Certified Vol. 3, Issue 8, August 2016, ISSN (Online) 2393-8021 ISSN (Print) 2394-1588, pp.29-33.
 13. S.Tamilarasan, Dr.P.A.Abdul Saleem, Dr.P.Kumar, "Analysis of Scheduling of Dynamic Spectrum Using Cognitive Radio in Wireless Ad-Hoc Networks", International Journal of Scientific & Engineering Research, Volume 7, Issue 3, March-2016, ISSN 2229-5518, PP : 123-129, IF=3.8, ICV=5.27. (UGC Approved Journal), Jr. No: 48880 2016
 14. S.Tamilarasan, Dr.P.Kumar, "Dynamic spectrum Sensing Scheduling in Cognitive Radio Network – Effective Utility", International Journal of Computer Science Trends and Technology (IJCTST) – Volume 4 Issue 3, May - Jun 2016, ISSN: 2347-8578, PP: 99 – 102, IF=1.91 2016
 15. S.Tamilarasan, Dr.P.Kumar, G.Ezra Sastry, "Dynamic resource Allocation for Heterogeneous Services in Cognitive Radio Networks-Literature Survey", IJCST, Volume 7, issue 2, April-June 2016, ISSN : 0976- 8491 (Online) | ISSN : 2229-4333 (Print), PP: 216-222 (GIF = 0.478) 2016

16. S.Tamilarasan, Dr.P.Kumar, G.Ezra Sastry, "Dynamic Resource Allocation with Imperfect Channel Sensing – Improving Fairness and throughput for Heterogeneous Services in Cognitive Radio Network", International Journal of Engineering Technology Science and Research (IJETSR), Volume 3, Issue 7, July 2016, ISSN 2394 – 3386, PP: 7 – 15, IF: 2.098. (UGC Approved Journal) Jr.No: 44431. 2016
17. Prof.G.Ezara Sastry, Prof.S.Tamilarasan, Dr.P.Kumar, "Dynamic Resource Allocation in Cognitive Radio Networks – Survey", International Journal of Computer Science Trends and Technology (IJCTST) – Volume 4 Issue 3, May - Jun 2016, ISSN: 2347-8578, PP: 268- 274, IF=1.91 2016
18. S. Tamilarasan, Dr. P. Kumar, "Dynamic Resource Allocation with Imperfect Channel Sensing – Heterogeneous Services in Cognitive Radio Network", International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), July 2016, Volume 4, Issue 7, ISSN 2349-4476, PP: 1 – 6; IF = 2.24. (UGC Approved Journal), Jr.No: 43505 2016
19. S.Tamilarasan, P.Kumar, "A Survey on Dynamic Resource Allocation in Cognitive Radio Networks", International Journal of Computer Sciences and Engineering (IJCSE), Vol.-4(7), PP (86-93) Jul 2016, EISSN: 2347-2693, IF: 2.162. (UGC Approved Journal), Jr.NO: 63193. 2016
20. S.Tamilarasan, P.Kumar, "Dynamic Resource Allocation in Cognitive Radio Networks – Priority Scheduling approach - Literature Survey", International Journal of Computer Sciences and Engineering (IJCSE), Vol-4(8), PP: 1-11, E-ISSN: 2347-2693, IF:2.162. (UGC Approved Journal), Jr.No: 63193. 2016
21. Santhamurthy Tamilarasan and Kumar Parasuraman, "Dynamic Resource Allocation and Priority Based Scheduling for Heterogeneous Services in Cognitive Radio Networks", International Journal of Intelligent Engineering and Systems, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XE-ISSN:2185-3118, Vol.9, No.3, 2016, PP: 127-136, (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248. 2016
22. Tamilarasan.S, Dr.Kumar.P, "Appropriate Dynamic Channel Allocation based on Priority Scheduling in heterogeneous Cognitive Radio", International Journal of Computer Sciences and Engineering (IJCSE), Vol-4(12), E-ISSN: 2347-2693, 2016, DPI 16.10022.IJCSE.2016.V4I12.5155.108, PP: 46-50, IF: 2.162. (UGC Approved Journal), Jr.NO: 63193. 2016 12/19
23. Kumar Parasuraman, G. Sam Jeba Thurai and T. Arumuga Maria Devi "Blood Vessels Segmentation By Radial Gradient Symmetry Method Via Different Threshold Values", ICTACT Journal on Image and Video Processing – An International Publication of ICT Academy of Tamil Nadu. ISSN Number (Online) 0976-9102, pp.956-965. 2015
24. Kumar Parasuraman and B. Vijayakumar "Brain Tumour Mr Image Segmentation and Classification Using by PCA and RBF Kernel Based Support Vector Machine" Middle East Journal of Scientific Research, Publisher : International Digital Organization for Scientific Information, ISSN:1990-9233E-ISSN:1999-8147 23 (9): 2106-2116, 2015, ISSN 1990-

9233, pp.2106-2116 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.760. 2015

25. P. Kumar and L. Godlin Atlas “An Efficient Method for Retinal Hemorrhages Detection in Fundus Images Using Anfis and Cross Section Profile Analysis” Middle East Journal of Scientific Research, Publisher : International Digital Organization for Scientific Information, ISSN:1990-9233E-ISSN:1999-8147 23 (9): 2106-2116, 2015, ISSN 1990- 9233. , pp.2484-2492 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.760. 2015
26. A. Jebaselvi, Kumar Parasuraman and T. Arumuga Maria Devi “Security Based Speaker Verification for Lip-Password using Learning Multi-Boosted HMMS” CiiT International Journal of Digital Image Processing, Vol 7, No 08, August 2015, ISBN: 0974-9691/CIIT-IJ6055/08/\$20/\$100 © 2015, pp.234-241. 2015
27. G. Aruna Jeyalakshmi, Kumar Parasuraman and T. Arumuga Maria Devi “Graph Cut Based Method for Automatic Lung Segmentation for Tuberculosis by using Screening Method in Chest Radiographs” CiiT International Journal of Digital Image Processing, Vol 7, No 09, October – November 2015, pp.285-291, ISSN: 0974-9691/CIIT-IJ-A6135/07/\$20/\$100 © 2015. 2015
28. S.Tamilarasan, Dr.P.Kumar; “A Study and Analysis of Dynamic Spectrum Networks Using Cognitive Radio in Wireless Ad-Hoc Networks” IJCST Vo l. 6, issue 2, April-June 2015, ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print), PP : 217-221, (GIF = 0.478)

Conferences:

1. Tamilarasan Santhamurthy, Dr.Kumar Parasuraman, “Opportunistic Channel Selection in heterogeneous Cognitive Radio Network Using Priority Queue Scheduling”, IEEE 2017 4th International Conference on Electronic and Communication Systems (ICECS), Karpagam College of Engineering, Myleripalayam ,Coimbatore, India, on 24 Feb - 25 Feb 2017, Electronic ISBN: 978-1-5090-3355-3, PP: 59-64, DOI: 10.1109/ECS.2017.8067837 2017
2. Tamilarasan S, Dr.Kumar P, “Priority Based Dynamic Resource Allocation in MIMO Cognitive Radio Networks”, 2017 IEEE International Conference on Computational Intelligence and Computing Research (2017 IEEE ICCIC) at Tamilnadu College of Engineering, Coimbatore, Tamilnadu, India on 14th Dec – 16th Dec 2017. PP: 56-59, ISBN: 978-1-5090-6620-9. 2017.
3. L.Godlin Atlas, Dr.Kumar Parasuraman “Detection of Retinal Hemorrhage in Fundus Images using ANFIS Classification and FCM with Cuckoo Search Optimization Algorithm” 2017 International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, during 19-20 October 2017, ISBN 978-1-5090-5013-0 2017.
4. Dr.T.Arumuga Maria Devi, D.Muthukumar and Dr. Kumar Parasuraman “Graphical Representation of Voltage and Current Measurements in Series or Parallel RLC Resonant Circuits for Magnification Using Hyperspectral Analysis” 2017 IEEE International

Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Kalasslingam University, Anand Nagar, Krishnankoil, Virudhunagar District, Tamilnadu, India, during 23-25 March 2017, ISBN No.: 978-1-5090-4778-9/17/\$31.00 ©2017 IEEE. 2017

5. Dr. T. Arumuga Maria Devi, Mr. Mebin Jose V.I, Dr. P. Kumar Parasuraman, “A Novel Approach for Automatic Detection of Non-Small Cell Lung Carcinoma in CT Images” 2016 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), 978-1-5090-5240-0/16/\$31.00 ©2016 IEEE, pp.886-890. 2016
6. Jayalekshmi S, Kumar Parasuraman “Super-Resolution Enhancement of Denoise Image/Video” International Conference on Recent Issues in Engineering, Science & Technology-ICRIEST '2016, pp.262-269. 2016
7. S. Tamilarasan, Dr. P. Kumar, “Dynamic Resource Allocation with Imperfect Channel Sensing – Heterogeneous Services in Cognitive Radio Network”, Conference Proceeding of 2nd International Conference on "Latest Concepts in Science, Technology and Management (ICLCSTM-16) at The Institutions of Electronic and Telecommunication Engineers (IETE) M925, 30B, Sector 30-B, Chandigarh, India on 17 July, 2016, PP: 215- 220. 2016
8. S.Tamilarasan, Dr.P.Kumar, G.Ezra Sastry, “Dynamic Resource Allocation with imperfect Channel Sensing-Improving Fairness and throughput for Heterogeneous Services in Cognitive Radio Network”, Conference Proceeding of International Conference on Signal, Image, Video And Audio Processing (ICSIVA-16), at Acharya Nagarjuna University, Guntur, Andhra Pradesh, India on 30th July 2016 ISBN 978-81-932712-5-4, PP: 123-132. 2016
9. Tamilarasan S, Dr.Kumar P, “Dynamic Resource Allocation using Priority Queue Scheduling in Multi-hop Cognitive Radio Networks”, 2016 IEEE International Conference on Computational Intelligence and Computing Research (2016 IEEE ICCIC) at Agni College of Technology, Old Mahabalipuram Road, Thalambur, Chennai-600130, 2016 Tamilnadu, India on 15th to 17th December 2016, IEEE Catalog Number: CPF1620JPRT|ISBN: 978-1-5090-0611-3, PP:156-160. DOI: 10.1109/ICCIC.2016.7919551, (Best Paper).