

Dr. P. Sakthivel, Publication Details

S.No.	Publications	Year
1.	K. N. Madhusudhan and P. Sakthivel, "Combining Digital Signature with Local Binary Pattern-Least Significant Bit Steganography Techniques for Securing Medical Images", Journal of Medical Imaging and Health Informatics, published by American Scientific Publishers. Vol. 10, pp. 1288-1293 (2020).	2020
2.	C. Gokul, P. Sakthivel and P. R. Karthikeyan, "Test Scheduling for System On Chip Using Modified Firefy and Modified ABC Algorithms", SN Applied Sciences, published by Springer Nature. (2019).	2019
3.	C. Vijayalakshmi, P. Sakthivel and Anand Vinekar, "Automated Detection and Classification of Telemedical Retinopathy of Prematurity Images", Telemedicine and e-Health, published by MARY ANN LIEBERT, INC. . pp. 1-5 (2019).	2019
4.	C. Gokul, P. Sakthivel and P. R. Karthikeyan, "Minimization of Test Time in System On Chip Using Artificial Intelligence-Based Test Scheduling Techniques", Neural Computing and Applications, published by Springer. (2019).	2019
5.	P. R. Karthikeyan and P. Sakthivel, "Entropy Based Illumination-Invariant Foreground Detection", IEICE Transactions on Information Systems, published by IEICE Information Systems Society. Issue 7, pp. 1434-1437 (2019).	2019
6.	S. Lekashri and P. Sakthivel, "Lossless Image Compression for Low Memory Using Dynamic Partial Reconfiguration in Asynchronous FPGA", Journal of Advanced Research in Dynamical & Control Systems, Vol. 11, Issue 2, pp. 298-307 (2019).	2019
7.	S. Lekashri and P. Sakthivel, " Design and evaluation of dynamic partial reconfiguration using fault tolerance in asynchronous FPGA", Microprocessors and Microsystems, published by Elsevier. Vol. 71, pp. 1-11 (2019).	2019
8.	S. Lokesh, P. Sakthivel and O. Uma Maheswari, "Power Transition X Filling Based Elective Huffman Encoding Technique for Test-Data Compression and Scan Power Reduction for SOCs", Microprocessors and Microsystems, published by Elsevier. (2019).	2019
9.	B Gomathi, P Sakthivel, " Fusion of Hybrid Optimization Algorithm and Fuzzy set for enhancing Information Retrieval using clustering", International Journal of Advanced Research in Computer Science Special, published by I C T Academy. Vol. 9, Issue 1, pp. 104-106 (2018)	2018
10.	S. Skylakha, P. Sakthivel and K. S. Arunselvan, "Empirical Study on Application of Machine Learning Techniques for Resource Allocation in Health Care Using KPI", The Journal of Supercomputing, published by Springer. pp. 1-9 (2018).	2018
11.	B. Arunsundar, P. Sakthivel and E. Natarajan, "Analysis of Energy Consumption and Latency in Advanced Wireless Networks Through DRX Mechanism", The Journal of Supercomputing, published by Springer. pp. 1-23 (2018)	2018
12.	S. Uma and P. Sakthivel, "Hardware Evaluation and Software Framework Construction for Performance Measurement of Embedded Processor", Journal of Computational and Theoretical Nanoscience, published by American Scientific Publishers. Vol. 15, pp. 1-9 (2018).	2018
13.	C. Gokul, P. Sakthivel and P. R. Karthikeyan, " Firefly and Modified Ant Colony Optimization Technique for Test Scheduling and Reduction of Testing Time for Core based System-on-Chip (SoC)", Taga Journal, published by SWANSEA PRINTING TECHNOLOGY LTD. Vol. 201814, pp.743-751 (2018).	2018
14.	P. R. Karthikeyan, P. Sakthivel and T.S. Karthik, " Comparative Study of Illumination-Invariant Foreground Detection", The Journal of Supercomputing, published by Springer Nature. (2018).	2018

15.	S. Sridevi and P. Sakthivel, "Real-Time Simulation Design for Continuous Process Industries", Lecture Notes in Electrical Engineering, published by Springer. Vol. 403, Issue 7, pp. 83-98(2017).	2017
16.	D. Sivasankar and P. Sakthivel, "Enhancing Quality of Service in Real Time Communication Services for Network on Chip", International Journal of Electronics Engineering Research, Vol.9, Issue 2, pp. 233-240 (2017).	2017
17.	S. Lokesh, O. Uma Maheswari and P. Sakthivel, "Test Data Compression for Digital Circuits Using Tetrad State Skip Scheme", Design Automation of Embedded Systems, published by Springer. Vol. 21, pp. 197-211 (2017).	2017
18.	S. Sridevi and P. Sakthivel, "Design Considerations of Modeling and Simulation Framework and Validation of Continuous Process Training Model in a Rotary System", Advances in Mechanical Engineering, published by SAGE. Vol. 9, Issue 10, pp. 1-15 (2017).	2017
19.	KS Thivya, P Sakthivel, " Analysis of Framelets for the Microcalcification", Proceedings of International Conference on Computer Vision and Image, published by Springer, Singapore.pp. 11-21 (2017).	2017
20.	B. Gomathi and P. Sakthivel, "Enhancing Information Retrieval Process Using Data Fusion by ABC Weighted Based Fuzzy Retrieval in Health Care Analytic Software", Journal of Medical Imaging and Health Informatics, published by American Scientific Publishers. Vol. 6, pp. 1-6 (2016).	2016
21.	S. Bhanumathi and P. Sakthivel, "Preservation of Private Information using Secure Multi-party Computation", Indian Journal of Science and Technology, Vol. 9, Issue 14, pp. 1-6 (2016).	2016
22.	S. Bhanumathi and P. Sakthivel, "A Framework of Protein-Drug Association for Malaria by Text Data Mining of Biomedical Literature", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 7, Issue 4, pp. 1493-1499 (2016).	2016
23.	S. Bhanumathi and P. Sakthivel, "A Review of Recent Advances in Privacy Preservation in Health Care Data Publishing", International Journal of Pharma and Bio Sciences, Vol. 7, Issue 4, pp. 33-41 (2016).	2016
24.	K. S. Thivya, P. Sakthivel and P. M. Venkata Sai, "Analysis of Framelets for Breast Cancer Diagnosis", Technology and Health Care, published by IOS Press. Vol. 24, pp. 21-29 (2016).	2016
25.	R. Benschwartz and P. Sakthivel, "A Process Variation Tolerant OTA Design for Low Power ASIC Design", Circuits and Systems, published by Scientific Research Publishing. Vol. 7, pp. 956-970 (2016).	2016
26.	A. Akilandeswari and P. Sakthivel, "Fast Architecture Multiplier Less Based DWT", Asian Journal of Information Technology, published by Medwell Journals. Vol. 15, Issue 17, pp. 3196-3204 (2016).	2016
27.	B Gomathi, P Sakthivel, " Implementing Fusion to Improve the Efficiency of Information Retrieval Using Clustering and Map Reduction", Artificial Intelligence and Evolutionary Computations in Engineering Systems, pp. 879-884 (2016).	2016
28.	S. Lokesh, O. Uma Maheswari and P. Sakthivel, "Three State Skip Logic Built-In Self-Test Scheme for Combinational Circuits", Asian Journal of Information Technology, published by Medwell Journals. Vol. 15, Issue 15, pp. 2693-2698 (2016).	2016
29.	T Kalavathidevi, P Sakthivel, " Design and FPGA Implementation of Bit Level Pipelined Digit Serial", Asian Journal of Information Technology , Vol. 15, Issue 7, pp. 1232-1242 (2016).	2016
30.	S. Bhanumathi and P. Sakthivel, "Indian Medicinal Plants for Diabetes: Text Data Mining the Literature of Different Electronic Databases for Future Therapeutics", Biomedical Research, published by Biomedical Research. pp. 430-436 (2016).	2016

31.	S. Sridevi and P. Sakthivel, "Data Modeling & Analysis in Real-Time Process Control", Advances in Natural and Applied Sciences, published by AENSI Journals. Vol. 9, Issue 6, pp.66-74 (2015).	2015
32.	D. Sivasankar and P. Sakthivel, "A Performance Evaluation of Network on Chip Providing Quality of Service", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 44, pp. 30923-30927 (2015).	2015
33.	B. Gomathi and P. Sakthivel, "An Intelligent Web-Fusion using Mash up Applications Based Web-Scale Probabilistic Knowledge for Complex Operations", Advances in Natural and Applied Sciences, published by AENSI Journals. Vol. 9, Issue 6, pp. 239-243 (2015).	2015
34.	S. R. Malathi and P. Sakthivel, "An Efficient Method for Computing Total Autocorrelation Over Shared Binary Decision Diagram", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 11, pp. 29773-29782 (2015).	2015
35.	P Sakthivel, R Hariharan, " Economic Conditions of Migrant Workers Engaged in Knitwear Industry: A Study in Tiruppur District, Tamilnadu", International Journal of Management and Development Studies , Vol. 4, Issue 4, pp. 366-374 (2015).	2015
36.	Senduru Srinivasulu, P. Sakthivel and V. Ramya, "A Novel Semantic Cloud Computing Interoperability Model for Platform as a Service System", International Review on Computers and Software, published by Praise Worthy Prize. Vol. 10, Issue 4, pp. 415-423 (2015).	2015
37.	Senduru Srinivasulu and P. Sakthivel, "A Concise Method for Modeling Profiles Using Semantic Approach", Contemporary Engineering Sciences, published by Crossref, Bulgaria. Vol. 8, Issue 5, pp. 197-207 (2015).	2015
38.	Senduru Srinivasulu and P. Sakthivel, "Contemporary Semantic Web: The Primary Social and Technical Challenges", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. Vol. 72, Issue 3, pp. 337-346 (2015).	2015
39.	P Sakthivel, R Hariharan, C Mahesh, P Prasenna, " Geographical Image Retrieval Using Spatial Filtering For Image Enhancement Techniques", International Journal of Applied Engineering Research , Vol. 10, Issue 6, pp. 15869-15881 (2015).	2015
40.	Senduru Srinivasulu and P. Sakthivel, "MMT: Memory Mapping Technique and NA: Neural Analysis for Semantic Web Search", Kasmera, published by Universidad del Zulia, Venezuela. Vol. 43, Issue 2, pp. 556-563 (2015).	2015
41.	V. Nirmalrani and P. Sakthivel, "Framework for Providing Access to Web Data Bases Using Budget Aware Role Based Access Control", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. Vol. 76, Issue 3, pp. 296-308 (2015).	2015
42.	V. Nirmalrani and P. Sakthivel, "A Hybrid Access Control Model with Multilevel Authentication and Delegation to Protect the Distributed Resources", Journal of Pure and Applied Microbiology, published by Journal of Pure and Applied Microbiology. Vol. 9, Issue 2, pp.595-609 (2015).	2015
43.	T. R. Saravanan and P. Sakthivel, " Impact of Attackers in Location Privacy Scheme for Secure Multicasting in MANET", Indian Journal of Engineering, published by Discovery Publication. Vol. 12, Issue 28, pp. 16-22 (2015).	2015
44.	T. R. Saravanan and P. Sakthivel, "Statistical Analysis of Inter and Intra Cluster Communication in Location Based Hierarchical Key Management System", Indian Journal of Advances in Computer Science & Technology, published by GBS Publishers & Distributors. Vol. 3, Issue 1, pp. 1-9 (2015).	2015