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JOURNAL PUBLICATIONS

S.No	Title of the Paper, with Journal Name, Year of Publication, Vol. No., Page Nos., etc.	ISBN/ISSN No.	Impact Factor, if Any*	Authorship**
1	An Efficient RADIX TRIE based Semantic-Visual Indexing Model for Large-Scale Image Retrieval in Cloud Environment, Software: Practice and Experience, Wiley Publication. 2020 DOI: 10.1002/spe.2834	1097-024X	1.931	First (SCI Journal)
2	Improved Distributed Frameworks to Incorporate Big Data through Deep Learning, Journal of Advanced Research in Dynamical & Control Systems, Vol. 12, 03-Special Issue, 2020.pp:332-338	1943-023X	0.112	First (Scopus)
3	Deep Learning Model for real- time image compression in Internet of Underwater Things(IoUT), Journal of Real-time Image Processing ,2019 (First Online): DOI 10.1007/s11554-019-00879-6	ISSN: 1861-8200 (print version) ISSN: 1861-8219 (electronic version)	1.574	First (SCI Journal)
4	A Glove based approach to recognize Indian Sign Languages", International Journal of Recent Technology and Engineering (IJRTE) Volume-7, Issue-6, March 2019, pp.1419-1425.	ISSN: 2277-3878 (online)	B-Impact Factor 5.46	First (Scopus)
5	An Extensive Review of Computer Aided Diagnosis for Lung Cancer Detection Model" , Journal of Applied Science and Computations, Volume VI - Issue I - January – 2019,pp.4121-4132	ISSN:1076-5131		First
6	"Virtual Interaction " , International Journal of Information and Computing Science, Volume 5 - Issue 9 - September 2018,pp:335-355	ISSN NO: 0972-1347		First
7	Conceptual Semantic Model for Web Document Clustering Using Term Frequency", EAI Endorsed Transactions on Energy Web and Information Technologies, Volume 5, Issue 20,2018,pp.1-4.	ISSN: 2032-944X	0.14	First (Scopus)
8	Continuous Authentication by Free-	ISSN NO: 2277-		First

	7 2018,PP.383-390			
9	Efficient Approach For Medical Image Segmentation Using Hybrid ABC-FCM " , International Journal of Research , Volume 7 Issue 1 2018,pp.84-92	ISSN NO: 2236-6124		First
10	Design of Adaptive Scheduler to Improve Performance of Computational Grids", International Journal of Pure and Applied Mathematics , Volume 119 No. 18 2018, 1741-1751	ISSN 1311-8080 (printed version) ISSN 1314-3395 (on-line version)	0.127 (2018)	First
11	Multimodal Biometric Authentication System Using Deep Learning Method ",International Journal of Management, Technology And Engineering, Volume 7 Issue 12 – 2017,PP.386-394	ISSN NO: 2249-7455		First
12	Hybrid Soft Computing Approach for Prediction of Cancer in Colon Using Microarray Gene Data" , Current Signal Transduction Therapy Vol.11 (2),pp71-75,June 2016.	ISSN : 2212-389X.	0.138 (2018)	First
13	Enhancing Security in Mobile Devices through Multimodal biometrics" , Middle-East Journal of Scientific Research 23 (8) ,pp. 1598-1603,Jun 2016	., ISSN : 0973-4562.	0.189 (2017)	First
14	Smart Phone Application For Automatic Public Transportation Though Providing Intelligent Bus Status Information To The Users" International Journal of Applied Engineering Research (IJAER), Vol 59, pp.163-167, Jun -2015,	ISSN : 1087—1090	0.122 (2018)	First
15	Securing Cloud From Ddos Attacks Using Intrusion Detection System In Virtual Machine", C International Journal of Technology in Computer Science & Engineering, Vol.1 (2),pp 147-153, June 2014.	ISSN : 2349-1582.		First
16	Feature Extraction Techniques in Keystroke Dynamics for Securing Personal Devices", International Journal of Computer Sciences and Engineering, Volume-3, Issue-3,March 2015,	ISSN: 2231-2307		First
17	Authenticated Group Key Transfer Protocol Based On Top Secret Selection" International Journal of Technology in Computer Science & Engineering, Volume 2(1) , March 2015 , pp 138- 142,	ISSN 2349-1582.		First
18	Advanced Image Stegnography in LSBMR with DES Security"	ISSN 2349-1582.		First

	International Journal of Technology in Computer Science & Engineering, Volume 1(3) , September 2014 , pp 147- 152,			
19	Digital Water Marking For Digital Rights Management of Videos", International Journal of Technology in Computer Science & Engineering, Volume 1(4) , December 2014 , pp 143- 147,	ISSN 2349-1582.		First
20	Optimization of load balancing using hybrid ACO, Volume 11,No.8, pp:2391-2396. 2019	1943-023X	0.13	Second (Scopus)
21	Assessment of Quality of Service in Communication Network and Evaluating Connectivity among IP networks", Vol 1, Issue 3, pp.319-322, April 2017.	ISSN:2456-883X		Second
22	Highly Energy Efficient and Scalable Distributed Clustering Procedure for Dense Wireless Sensor Networks", Vol 1, Issue 9, pp.550-558, December 2017.	ISSN:2456-883X.		Second
23	Procuring Cloud from DDoS attacks using Transgression Revelation System", Vol 5, Issue 5, pp.1752-1759, 2017.	ISSN:2347-8586		Second
24	Hybrid ABC-FCM approach for Medical Image Segmentation", International Journal of Scientific Research and Review, Volume 7, Issue 3, 2018,pp.614-623,	ISSN NO: 2279-543X		Second
25	Improving the Quality of service in Cloud Environment", International Journal of Management, Technology And Engineering , Volume VIII, Issue VIII, AUGUST/2018, pp.2245- 2255.	ISSN NO : 2249-7455,		Second
26	Cryptocurrency miners -Major Cyber Threat of 2018", International Journal of Pure and Applied Mathematics, Volume 119 No. 18 2018, 1775-1788.	ISSN 1311-8080 (printed version) ISSN 1314-3395 (on-line version)	0.127 (2018)	Second
27	Load Balancing Optimization Based on Binary Ant Colony Optimization Algorithm for Cloud Platform", International Journal of Scientific Research and Review, Vol.7, Issue 2, 2018, pp.401-408.			Second
28	Weight Based LSA to Retrieve Information from Web Pages Based On Document Score", International Journal of Research in Engineering, IT and Social Sciences", Volume 07 Issue 04, April 2017, Page 73-78	ISSN 2250-0588,		Second
29	Reactive Unequally Clustered	ISSN NO: 1076-		Second

	Multihop Routing (R-UCMR) protocol for wireless sensor networks" , Journal of Applied Science and Computations, Volume 4, Issue 1, January-June/2017,pp.120-129.	5131		
30	A Survey on Text Mining Techniques for Retrieving Information from Web Pages ",October 2016, Volume 3, Issue 9, 2016,pp.638-652.	ISSN-2349-5162.		Second
31	Support Vector Machine Based Automatic Mammogram Classification Using Hybrid Optimization Algorithm", International Journal Of Research In Engineering, It And Social Sciences, Volume 06 Issue 09, September 2016, Page 50-54.	ISSN 2250-0588,		Second
32	A Review on Challenges in Load Balancing and Integrity in Cloud Environment" JASC: Journal of Applied Science and Computations, Volume III, Issue II, July-Dec/2016, pp.128-137	ISSN NO: 1076-5131,		Second
33	Segmentation and texture Analysis of Efficient classification of Breast Tumors from sonograms", Current Signal Transduction Therapy Vol.11 (2),pp 84-90, June 2016.	ISSN : 2212-389X.	0.138 (2018)	Second
34	A Review on Classification Techniques Used in Medical Image Segmentation" JASC: Journal of Applied Science and Computations, VOLUME 3, ISSUE 1, JAN-JUNE-2016, pp.51-61.	ISSN NO: 1076-5131,		Second
35	Loop and substring based hybrid classification for Nondeterministic Finite Automata" , International Journal on Applications in Information and Communication engineering, Volume 1,Issue 12, pp.9-18,December 2015.	ISSN(Online):2394-6237.		Second
36	Double Substring Based Classification for Nondeterministic Finite Automata" , Indian Journal of Science and Technology , Vol.8(26) , pp 1-4 , Oct 2015,	ISSN (Online) 0974-5645		Second
37	Huffman Coding for Lossless Data Compression-A Review" Middle-East Journal of Scientific Research 23 (8) ,pp. 1598-1603,Jun 2015.	ISSN : 0973-4562	0.189 (2017)	Second
38	Triple Substring Based Classification for Nondeterministic Finite Automata" International Journal of Applied Engineering Research (IJAER), Vol 59, pp.177-182,Jun 2015,	ISSN : 1087—1090	0.122 (2018)	Second
39	A survey on Microcalcification	ISSN:2349-5162,		Second

	identification and classification using CAD System", International Journal of Emerging Technologies and Innovative Research, Vol.2, Issue 5, MAY-2015, page no.186-190.			
40	Applications of Finite Automata in Text Search – A Review" International Journal of Computer Science & Engineering Technology (IJCSET), Vol 5, Issue 5, pp.116-119, May 2015,	ISSN : 2231-0711		Second
41	Arithmetic Coding for Lossless Data Compression – A Review" International Journal of Computer Science Trends and Technology (IJCST) – Volume 3 Issue 3,pp.89 94 May-Jun 2015,	ISSN : 2347-8578		Second
42	Applications of Finite Automata in Lexical Analysis and as a Ticket Vending Machine – A Review" International Journal of Computer Science & Engineering Technology (IJCSET) Vol. 6 No. 05,PP. 267 – 270 , May 2015,	ISSN : 2229-3345		Second
43	A Model to Secure Mobile Devices Using Keystroke Dynamics through Soft Computing Techniques" International Journal of Soft Computing and Engineering (IJSCE), Volume-2, Issue-3, July 2012,	ISSN: 2231-2307		Second
44	An Intelligent Particle Swarm Optimization with Convolutional Neural Network for Diabetic Retinopathy Classification Model, Journal of Medical Imaging and Health Informatics, (Accepted for Publication)	2156-7018	0.549	
45	An effective deep learning features based integrated framework for iris detection and recognition, Journal of Ambient Intelligence and Humanized Computing, 2020. DOI 10.1007/s12652-020-02172-y	ISSN 1868-5137		Third (SCI Journal)
46	Research on various routing techniques in wireless Ad-hoc networks, _International Journal of Recent Technology and Engineering (IJRTE) , Volume-8, Issue-1S4, June 2019	ISSN: 2277-3878		Third (Scopus)
47	Performance Analysis of Shannon-Fano coding and Tunstall coding" , International Journal on Applications in Information and Communication engineering, Volume 2,Issue 5, pp.9-18,May 2016.	ISSN(Online):2394-6237.		Third
48	Design of Comprehensive Framework	ISSN: 2032-944X	0.14 (2018)	Third

	on Optimization Methods in Distributed Clusters", EAI Endorsed Transactions on Energy Web and Information Technologies, Volume 5, Issue 20,2018,pp.1-4.			
49	A Novel Approach to Design the Finite Automata to Accept the Palindrome with the Three Input Characters",Indian Journal of Science & Technology, Vol 8(28), DOI: 10.17485/ijst/2015/v8i28/78189, October 2015.	ISSN (Online) : 0974-5645.	0.143(2018)	Third
50	Construction of Minimized Deterministic Finite Automata for Finding the Equal Number of Input Characters" International Journal on Applications in Information and Communication Engineering, Volume 1: Issue 11, pp 17-20, Nov 2015.,	ISSN : 2394-6237		Third
51	A Novel Approach to Classify Nondeterministic Finite Automata Based on More than Two Loops and its Position", SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE) – volume1 issue10 Dec 2014,	ISSN: 2348 – 8387		Third
52	A Novel Approach to Classify Nondeterministic Finite Automata Based on Dual Loop and its Position" , International Journal of Engineering Trends and Technology (IJETT) – Volume 18 Number3 - Dec 2014,	ISSN: 2231-5381		Third
53	A Novel Approach to Classify Nondeterministic Finite Automata Based on Single Loop and its Position", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 1, Issue 4, December 2014,	ISSN 2394-3785 (Online).		Third
54	Biometric personal authentication using keystroke dynamics: A review" Applied Soft Computing, 11 (2011) 1565–1573, August 2010	ISSN 1568-4946	1.216(2018)	Third (SCI Journal)
55	Performance Comparison of Huffman Coding and Tunstall Coding" International Journal of Applied Engineering Research (IJAER), Volume 10: Issue 15, pp 36023-36029, Sept 2015,	ISSN : 0973-4562	0.122 (2018)	Fourth (Scopus)
56	Shannon-Fano Coding for Lossless Data Compression – A Review" International Journal of Applied Engineering Research (IJAER) Volume 10: Issue 15, pp. 36030-	ISSN : 0973-4562	0.122 (2018)	Fourth (Scopus)

	36036, Sept 2015			
57	Single Substring Based Classification for Nondeterministic Finite Automata" International Journal on Applications in Information and Communication Engineering, Volume 1: Issue 10:, pp 29-31 ,Oct 2015	ISSN (Online) 2394-6237		Fourth
58	Performance Estimation of the Combinational Circuits Using Carbon Nano Tube Field Effect Transistor, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 10213 - 10219	ISSN: 2005-4238	0.11	Fifth (Scopus)
59	Gesture Control Robot Using Arduino, International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 4196 – 4203	ISSN: 2005-4238	0.11	Fifth (Scopus)