

## LIST OF JOURNAL PUBLICATIONS

Authors	Title	Year	Document Type	Source title	Volume	Issue	Page start	Page end	Cited by	DOI
Khan A.A., Kumar V., Ahmad M., Gupta B.B., Ahmad M., Abd El-Latif A.A.	A secure and efficient key agreement framework for critical energy infrastructure using mobile device	2021	Article	Telecommunication Systems	78	4	539	557	5	10.1007/s11235-021-00826-6
Ahmad M., Singh S., Khurana S.	Cryptographic one-way hash function generation using twelve-terms 4D nonlinear system	2021	Article	International Journal of Information Technology (Singapore)	13	6	2295	2303	5	10.1007/s41870-018-0199-8
Dwivedi A.K., Mehra P.S., Pal O., Doja M.N., Alam B.	EETSP: Energy-efficient two-stage routing protocol for wireless sensor network-assisted Internet of Things	2021	Article	International Journal of Communication Systems	34	17			1	10.1002/dac.4965
Ahmed R., Ahmad T., Almutairi F.M., Qahtani A.M., Alsufyani A., Almutiry O.	Fuzzy Semantic Classification of Multi-Domain E-Learning Concept	2021	Article	Mobile Networks and Applications	26	5	2206	2215	1	10.1007/s11036-021-01776-8
Ahmad W., Alam B., Atman A.	An energy-efficient big data workflow scheduling algorithm under budget constraints for heterogeneous cloud environment	2021	Article	Journal of Supercomputing	77	10	11946	11985	5	10.1007/s11227-021-03733-4
Ahmad F., Ahmad T.	Content Based Image Retrieval System Based on Deep Convolution Neural Network Model by Integrating Three-	2021	Article	Optical Memory and Neural Networks (Information Optics)	30	3	236	249		10.3103/S1060992X21030061

	Fold Geometric Augmentation									
Zeba S., Amjad M.	Identification of a person from live video streaming using machine learning in the Internet of Things (IoT)	2021	Article	International Journal of Mobile Computing and Multimedia Communications	12	3				10.4018/IJMCMC.2021070104
Akhtar M.M., Rizvi D.R., Ahad M.A., Kanhere S.S., Amjad M., Coviello G.	Efficient data communication using distributed ledger technology and iota-enabled internet of things for a future machine-to-machine economy	2021	Article	Sensors	21	13			1	10.3390/s21134354
Razaq A., Iqra, Ahmad M., Yousaf M.A., Masood S.	A novel finite rings based algebraic scheme of evolving secure S-boxes for images encryption	2021	Article	Multimedia Tools and Applications	80	13	20191	20215	4	10.1007/s11042-021-10587-8
Gupta S.C., Amjad M.	MDR-multi-hop deterministic energy efficient routing protocol for wireless sensor network	2021	Article	International Journal of Engineering Trends and Technology	69	4	118	124	1	10.14445/22315381/IJETT-V69I4P217
Ahmad W., Alam B.	An efficient list scheduling algorithm with task duplication for scientific big data workflow in heterogeneous computing environments	2021	Article	Concurrency and Computation: Practice and Experience	33	5			3	10.1002/cpe.5987
Mufazzal S., Masood S., Khan N.Z., Muzakkir S.M., Khan Z.A.	Towards minimization of overall inconsistency involved in criteria weights for improved decision making	2021	Article	Applied Soft Computing	100				2	10.1016/j.asoc.2020.106936

Ahmad W., Alam B., Ahuja S., Malik S.	A dynamic VM provisioning and de-provisioning based cost-efficient deadline-aware scheduling algorithm for Big Data workflow applications in a cloud environment	2021	Article	Cluster Computing	24	1	249	278	15	10.1007/s10586-020-03100-7
Pal O., Alam B., Thakur V., Singh S.	Key management for blockchain technology	2021	Article	ICT Express	7	1	76	80	24	10.1016/j.icte.2019.08.002
Kaur I., Doja M.N., Ahmad T., Ahmad M., Hussain A., Nadeem A., Abd El-Latif A.A.	An Integrated Approach for Cancer Survival Prediction Using Data Mining Techniques	2021	Article	Computational Intelligence and Neuroscience	2021				1	10.1155/2021/6342226
Ahmed M., Masood S., Ahmad M., El-Latif A.A.A.	Intelligent Driver Drowsiness Detection for Traffic Safety Based on Multi CNN Deep Model and Facial Subsampling	2021	Article	IEEE Transactions on Intelligent Transportation Systems						10.1109/TITS.2021.3134222
Asim M., Rashid A., Ahmad T.	Scour modeling using deep neural networks based on hyperparameter optimization	2021	Article	ICT Express						10.1016/j.icte.2021.09.012
Feng W., Qin Z., Zhang J., Ahmad M.	Cryptanalysis and Improvement of the Image Encryption Scheme Based on Feistel Network and Dynamic DNA Encoding	2021	Article	IEEE Access	9		145459	145470	1	10.1109/ACCESS.2021.3123571
Tanveer M., Khan A.U., Shah H., Alkhayat A., Chaudhry S.A., Ahmad M.	ARAP-SG: Anonymous and Reliable Authentication Protocol for Smart Grids	2021	Article	IEEE Access	9		143366	143377	4	10.1109/ACCESS.2021.3121291
Ahmad F., Ahmad T.	Image mining based on deep belief neural	2021	Article	Computer Assisted Methods in Engineering and Science	28	2	139	167		10.24423/comes.323

	network and feature matching approach using Manhattan distance									
Zahid A.H., Ahmad M., Alkhayyat A., Arshad M.J., Shaban M.M.U., Soliman N.F., Algarni A.D.	Construction of Optimized Dynamic S-Boxes Based on a Cubic Modular Transform and the Sine Function	2021	Article	IEEE Access	9		131273	131285		10.1109/ACCESS.2021.3113338
Khadem B., Suteh A.M., Ahmad M., Alkhayyat A., Farash M.S., Khalifa H.S.	An Improved WBSN Key-Agreement Protocol Based on Static Parameters and Hash Functions	2021	Article	IEEE Access	9		78463	78473		10.1109/ACCESS.2021.3083708
Alhudhaif A., Ahmad M., Alkhayyat A., Tsafack N., Farhan A.K., Ahmed R.	Block Cipher Nonlinear Confusion Components Based on New 5-D Hyperchaotic System	2021	Article	IEEE Access	9		87686	87696	4	10.1109/ACCESS.2021.3090163
Alam S., Ahmad T., Doja M.N., Pal O.	Dual secure robust watermarking scheme based on hybrid optimization algorithm for image security	2021	Article	Personal and Ubiquitous Computing						10.1007/s00779-021-01597-2
Zahid A.H., Tawalbeh L., Ahmad M., Alkhayyat A., Hassan M.T., Manzoor A., Farhan A.K.	Efficient Dynamic S-Box Generation Using Linear Trigonometric Transformation for Security Applications	2021	Article	IEEE Access	9		98460	98475	6	10.1109/ACCESS.2021.3095618
Tabassum N., Ahmad T.	Iterative framework and privacy preservation in reciprocal recommendation	2021	Article	Recent Patents on Engineering	15	4				10.2174/1872212114999200807154801
Zahid A.H., Ilyyasu A.M., Ahmad M., Shaban M.M.U., Arshad M.J., Alhadawi H.S., El-Latif A.A.A.	A Novel Construction of Dynamic S-Box with High Nonlinearity Using Heuristic Evolution	2021	Article	IEEE Access	9		67797	67812	7	10.1109/ACCESS.2021.3077194
Alam M., Amjad M.	Analysis of Climate Change and Its Impact	2021	Article	IETE Journal of Research					1	10.1080/03772063.2021.1886605

	on Health Using Big Data Analytics in Cloud Environment									
Alam S., Ahmad T., Doja M.N.	A lossless digital watermarking scheme based on a new 3D-hyper chaotic map	2021	Article	International Journal of Electronic Business	16	1	88	102	1	10.1504/IJEB.2021.112769
Alawida M., Samsudin A., Alajarmeh N., Teh J.S., Ahmad M., Alshoura W.H.	A Novel Hash Function Based on a Chaotic Sponge and DNA Sequence	2021	Article	IEEE Access	9		17882	17897	6	10.1109/ACCESS.2021.3049881
Ahmad M., Doja M.N., Beg M.M.S.	Security analysis and enhancements of an image cryptosystem based on hyperchaotic system	2021	Article	Journal of King Saud University - Computer and Information Sciences	33	1	77	85	17	10.1016/j.jksuci.2018.02.002
Alhadawi H.S., Lambić D., Zolkipli M.F., Ahmad M.	Globalized firefly algorithm and chaos for designing substitution box	2020	Article	Journal of Information Security and Applications	55				17	10.1016/j.jisa.2020.102671
Wazir S., Beg M.M.S., Ahmad T.	Comprehensive mining of frequent itemsets for a combination of certain and uncertain databases	2020	Article	International Journal of Information Technology (Singapore)	12	4	1205	1216	2	10.1007/s41870-019-00310-0
Ahmed W., Beg M.M.S., Ahmad T.	A fuzzy rough set based fitting approach for fuzzy set-valued information system	2020	Article	International Journal of Information Technology (Singapore)	12	4	1355	1364	1	10.1007/s41870-019-00304-y
Freyre-Echevarría A., Alanezi A., Martínez-Díaz I., Ahmad M., El-Latif A.A.A., Kolivand H., Razaq A.	An external parameter independent novel cost function for evolving bijective substitution-boxes	2020	Article	Symmetry	12	11	1	16	4	10.3390/sym12111896
Masood S., Rai A., Aggarwal A., Doja M.N., Ahmad M.	Detecting distraction of drivers using Convolutional Neural Network	2020	Article	Pattern Recognition Letters	139		79	85	44	10.1016/j.patrec.2017.12.023

Kaur I., Doja M.N., Ahmad T.	Time-range based sequential mining for survival prediction in prostate cancer	2020	Article	Journal of Biomedical Informatics	110				3	10.1016/j.jbi.2020.103550
Saxena C., Doja M.N., Ahmad T.	Entropy based flow transfer for influence dissemination in networks	2020	Article	Physica A: Statistical Mechanics and its Applications	555				2	10.1016/j.physa.2020.124630
Ahmad M.W., Doja M.N., Ahmad T.	Enumerative feature subset based ranking system for learning to rank in presence of implicit user feedback	2020	Article	Journal of King Saud University - Computer and Information Sciences	32	8	965	976		10.1016/j.jksuci.2017.12.006
Shambharkar P.G., Doja M.N.	Movie trailer classification using deer hunting optimization based deep convolutional neural network in video sequences	2020	Article	Multimedia Tools and Applications	79	29-30	21197	21222	6	10.1007/s11042-020-08922-6
Ahmad M., Al-Solami E.	Evolving dynamic s-boxes using fractional-order hopfield neural network based scheme	2020	Article	Entropy	22	7			16	10.3390/E22070717
Doja M.N., Kaur I., Ahmad T.	Age-specific survival in prostate cancer using machine learning	2020	Article	Data Technologies and Applications	54	2	215	234	3	10.1108/DTA-10-2019-0189
Ahmad A., Ahmad T., Bhatt A.	HWSMCB: A community-based hybrid approach for identifying influential nodes in the social network	2020	Article	Physica A: Statistical Mechanics and its Applications	545				5	10.1016/j.physa.2019.123590
Masood S., Doja M.N., Chandra P.	Architectural Parameter-Independent Network Initialization Scheme for Sigmoidal Feedforward ANNs	2020	Article	Arabian Journal for Science and Engineering	45	4	2901	2913	1	10.1007/s13369-019-04200-2

Rizvi D.R., Nissar I., Masood S., Ahmed M., Ahmad F.	An LSTM based deep learning model for voice-based detection of Parkinson's disease	2020	Article	International Journal of Advanced Science and Technology	29	5 Special Issue	337	343	3	
Ahmed M., Rizvi D.R., Masood S., Masood A., Ahmad F.	Machine learning approach for predicting the quality of water	2020	Article	International Journal of Advanced Science and Technology	29	5 Special Issue	275	282		
Hashmi A., Ahmad T.	FAAD: A self-optimizing algorithm for anomaly detection	2020	Article	International Arab Journal of Information Technology	17	2	272	280		10.34028/iajit/17/2/16
Pal O., Alam B.	Efficient and Secure Key Management for Conditional Access Systems	2020	Article	IEEE Transactions on Consumer Electronics	66	1	1	10	3	10.1109/TCE.2019.2959629
Rani S., Masood S.	Predicting congenital heart disease using machine learning techniques	2020	Article	Journal of Discrete Mathematical Sciences and Cryptography	23	1	293	303	3	10.1080/09720529.2020.1721862
Ahmad M., Al-Solami E.	Improved 2D Discrete Hyperchaos Mapping with Complex Behaviour and Algebraic Structure for Strong S-Boxes Generation	2020	Article	Complexity	2020				2	10.1155/2020/8868884
Ahmad A., Ahmad T., Tripathi I.	Identifying attack models for securing cluster-based recommendation system	2020	Review	Recent Patents on Engineering	14	3	324	338	1	10.2174/1872212114666200403091053
Ahmed M., Doja M.N., Amjad M.	Energy optimization in wireless sensor networks under dynamic spectrum access using adaptive listening	2020	Review	Recent Patents on Engineering	14	3	339	346	1	10.2174/1872212114999200514100129
Tanveer M., Zahid A.H., Ahmad M., Baz A., Alhakami H.	LAKE-IoD: Lightweight Authenticated Key Exchange Protocol for	2020	Article	IEEE Access	8		155645	155659	26	10.1109/ACCESS.2020.3019367

	the Internet of Drone Environment									
Zahid A.H., Al-Solami E., Ahmad M.	A Novel Modular Approach Based Substitution-Box Design for Image Encryption	2020	Article	IEEE Access	8		150326	150340	30	10.1109/ACCESS.2020.3016401
Ahmad M., Khaja I.A., Baz A., Alhakami H., Alhakami W.	Particle Swarm Optimization Based Highly Nonlinear Substitution-Boxes Generation for Security Applications	2020	Article	IEEE Access	8		116132	116147	25	10.1109/ACCESS.2020.3004449
Alawida M., Teh J.S., Oyinloye D.P., Alshoura W.H., Ahmad M., Alkhalwaldeh R.S.	A New Hash Function Based on Chaotic Maps and Deterministic Finite State Automata	2020	Article	IEEE Access	8		113163	113174	6	10.1109/ACCESS.2020.3002763
Doja M.N., Kaur I., Ahmad T.	Current state of the art for survival prediction in cancer using data mining techniques	2020	Review	Current Bioinformatics	15	3	174	186	8	10.2174/1574893614666190902152142
Ahmad M., Al-Solami E., Alghamdi A.M., Yousaf M.A.	Bijjective S-Boxes Method Using Improved Chaotic Map-Based Heuristic Search and Algebraic Group Structures	2020	Article	IEEE Access	8		110397	110411	24	10.1109/ACCESS.2020.3001868
Razaq A., Alolaiyan H., Ahmad M., Yousaf M.A., Shuaib U., Aslam W., Alawida M.	A Novel Method for Generation of Strong Substitution-Boxes Based on Coset Graphs and Symmetric Groups	2020	Article	IEEE Access	8		75473	75490	34	10.1109/ACCESS.2020.2989676
Yousaf M.A., Alolaiyan H., Ahmad M., Dilbar M., Razaq A.	Comparison of Pre and Post-Action of a Finite Abelian Group over Certain Nonlinear Schemes	2020	Article	IEEE Access	8		39781	39792	24	10.1109/ACCESS.2020.2975880



Masood S., Doja M.N., Chandra P.	Chaos based network initialization approach for feed forward artificial neural networks	2020	Article	Journal of Computational and Theoretical Nanoscience	17	1	418	424	1	10.1166/jctn.2020.8684
Wahid M.A., Masood S., Khan Z.A., Siddiquee A.N., Badruddin I.A., Algahtani A.	A simulation-based study on the effect of underwater friction stir welding process parameters using different evolutionary optimization algorithms	2020	Article	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	234	2	643	657	3	10.1177/0954406219883904
Mehra P.S., Doja M.N., Alam B.	Fuzzy based enhanced cluster head selection (FBECS) for WSN	2020	Article	Journal of King Saud University - Science	32	1	390	401	53	10.1016/j.jksus.2018.04.031
Ahmad F., Sahil	Music genre classification using spectral analysis techniques with hybrid convolution-recurrent neural network	2019	Article	International Journal of Innovative Technology and Exploring Engineering	9	1	149	154	1	10.35940/ijitee.A3956.119119
Ahmad F., Yassar, Ahmad A.	Automatic summarization of textual document	2019	Article	International Journal of Innovative Technology and Exploring Engineering	9	1	2486	2491		10.35940/ijitee.A4400.119119
Ansari G., Ahmad T., Doja M.N.	Hybrid Filter–Wrapper Feature Selection Method for Sentiment Classification	2019	Article	Arabian Journal for Science and Engineering	44	11	9191	9208	12	10.1007/s13369-019-04064-6
Ahmed H.A., Zolkipli M.F., Ahmad M.	A novel efficient substitution-box design based on firefly algorithm and discrete chaotic map	2019	Article	Neural Computing and Applications	31	11	7201	7210	54	10.1007/s00521-018-3557-3
Kushwaha A., Amjad M.	Numerous clustering techniques with application and limitations in wireless sensor network	2019	Article	International Journal of Engineering and Advanced Technology	9	1	991	995	1	10.35940/ijeat.A9453.109119

Kushwaha A., Amjad M., Kumar A.	Dynamic load balancing ant colony optimization (DLBACO) algorithm for task scheduling in cloud environment	2019	Article	International Journal of Innovative Technology and Exploring Engineering	8	12	939	946	1	10.35940/ijitee.J9404.1081219
Ansari G., Ahmad T., Doja M.N.	Ensemble of feature ranking methods using hesitant fuzzy sets for sentiment classification	2019	Article	International Journal of Machine Learning and Computing	9	5	599	608	4	10.18178/ijmlc.2019.9.5.846
Shambharkar P.G., Doja M.N., Chandel D., Bansal K., Taneja K.	Multimodal KDK classifier for automatic classification of movie trailers	2019	Article	International Journal of Recent Technology and Engineering	8	3	8481	8490	3	10.35940/ijrte.C4825.098319
Ahmad F.	Classification on magnetic resonance imaging (Mri) brain tumour using BPNN, SVM and CNN	2019	Article	International Journal of Recent Technology and Engineering	8	3	8601	8607		10.35940/ijrte.C6442.098319
Ahmed R., Ahmad T.	Fuzzy cross domain concept mining	2019	Article	International Journal of Innovative Technology and Exploring Engineering	8	10 Special Issue	326	333		10.35940/ijitee.J1059.08810S19
Pal O., Alam B.	Efficient and secure conditional access system for pay-TV systems	2019	Article	Multimedia Tools and Applications	78	13	18835	18853	6	10.1007/s11042-019-7257-5
Hashmi A.S., Ahmad T.	Baad: A self-optimizing Algorithm for anomaly detection	2019	Article	International Journal of Innovative Technology and Exploring Engineering	8	7	499	505		
Shah S., Amjad M.	Preceding document clustering by graph mining based maximal frequent termsets preservation	2019	Article	International Arab Journal of Information Technology	16	3	364	370	1	
Ahmad A., Ahmad T.	A Game Theory Approach for Multi-document Summarization	2019	Article	Arabian Journal for Science and Engineering	44	4	3655	3667	2	10.1007/s13369-018-3619-y
Zahid A.H., Arshad M.J., Ahmad M.	A novel construction of efficient substitution-	2019	Article	Entropy	21	3			47	10.3390/e21030245

	boxes using cubic fractional transformation									
Kumar A., Alam B.	Energy harvesting earliest deadline first scheduling algorithm for increasing lifetime of real time systems	2019	Article	International Journal of Electrical and Computer Engineering	9	1	539	545	4	10.11591/ijece.v9i1.pp539-545
Sharma V., Alam B., Doja M.N.	A-OLSR: ANFIS based OLSR to select multipoint relay	2019	Article	International Journal of Electrical and Computer Engineering	9	1	646	651		10.11591/ijece.v9i1.pp.646-651
Mehra P.S., Doja M.N., Alam B.	Codeword Authenticated Key Exchange (CAKE) light weight secure routing protocol for WSN	2019	Article	International Journal of Communication Systems	32	3			13	10.1002/dac.3879
Nissar I., Rizvi D.R., Masood S., Mir A.N.	Voice-based detection of parkinson's disease through ensemble machine learning approach: A performance study	2019	Article	EAI Endorsed Transactions on Pervasive Health and Technology	5	19			9	10.4108/eai.13-7-2018.162806
Jamal S.S., Anees A., Ahmad M., Khan M.F., Hussain I.	Construction of cryptographic s-boxes based on mobius transformation and chaotic tent-sine system	2019	Article	IEEE Access	7		173273	173285	35	10.1109/ACCESS.2019.2956385g
Mehra P.S., Doja M.N., Alam B.	Stability Enhancement in LEACH (SE-LEACH) for Homogeneous WSN	2019	Article	EAI Endorsed Transactions on Scalable Information Systems	6	20			17	10.4108/eai.13-7-2018.156592
Khan R., Amjad M.	Mutation-based genetic algorithm for efficiency optimisation of unit testing	2019	Article	International Journal of Advanced Intelligence Paradigms	12	3-Apr	254	265		10.1504/IJAIP.2019.098563
Kumar C., Doja M.N.	A secure structure for hiding information in a cryptosystem based on machine-learning	2019	Article	Scalable Computing	20	1	161	180		10.12694/scpe.v20i1.1488

	techniques and content-based optimization using portfolio selection data									
Mehra P.S., Doja M.N., Alam B.	Enhanced clustering algorithm based on fuzzy logic (E-CAFL) for WSN	2019	Article	Scalable Computing	20	1	41	54	16	10.12694/scpe.v20i1.1443
Kushwaha A., Amjad M.	A particle swarm optimization based load scheduling algorithm in cloud platform for wireless sensor networks	2019	Article	Scalable Computing	20	1	71	82	1	10.12694/scpe.v20i1.1464
Kumar C., Doja M.N.	A novel framework for portfolio selection model using modified ANFIS and fuzzy sets	2018	Article	Computers	7	4			4	10.3390/computers7040057
Lambić D., Janković A., Ahmad M.	Security Analysis of the Efficient Chaos Pseudo-random Number Generator Applied to Video Encryption	2018	Article	Journal of Electronic Testing: Theory and Applications (JETTA)	34	6	709	715	19	10.1007/s10836-018-5767-0
Saxena C., Doja M.N., Ahmad T.	Group based centrality for immunization of complex networks	2018	Article	Physica A: Statistical Mechanics and its Applications	508		35	47	8	10.1016/j.physa.2018.05.107
Ahmad M., Alam M.Z., Umayya Z., Khan S., Ahmad F.	An image encryption approach using particle swarm optimization and chaotic map	2018	Article	International Journal of Information Technology (Singapore)	10	3	247	255	34	10.1007/s41870-018-0099-y
Ahmad M., Doja M.N., Beg M.M.S.	ABC Optimization Based Construction of Strong Substitution-Boxes	2018	Article	Wireless Personal Communications	101	3	1715	1729	41	10.1007/s11277-018-5787-1
Ahmad M., Al Solami E., Wang X.-Y., Doja M.N., Sufyan Beg M.M., Alzaidi A.A.	Cryptanalysis of an image encryption algorithm based on combined chaos for a BAN system, and	2018	Article	Symmetry	10	7			35	10.3390/sym10070266

	improved scheme using SHA-512 and hyperchaos									
Solami E.A., Ahmad M., Volos C., Doja M.N., Sufyan Beg M.M.	A new hyperchaotic system-based design for efficient bijective substitution-boxes	2018	Article	Entropy	20	7	1	17	67	10.3390/e20070525
Malhotra S., Doja M.N., Alam B., Alam M.	Skipnet-Octree based indexing technique for cloud database management system	2018	Article	International Journal of Information Technology and Web Engineering	13	3	1	13	3	10.4018/IJITWE.2018070101
Ahmed W., Sufyan Beg M.M., Ahmad T.	Entropy Based Feature Selection for Fuzzy Set-Valued Information Systems	2018	Article	3D Research	9	2			4	10.1007/s13319-018-0170-2
Goyal L.M., Beg M.M.S., Ahmad T.	An Efficient Framework for Mining Association Rules in the Distributed Databases	2018	Article	Computer Journal	61	5	645	657	4	10.1093/comjnl/bxx067
Ansari G., Ahmad T., Doja M.N.	Spam review classification using ensemble of global and local feature selectors	2018	Article	Cybernetics and Information Technologies	18	4	29	42	1	10.2478/cait-2018-0046
Alzaidi A.A., Ahmad M., Ahmed H.S., Solami E.A.	Sine-Cosine Optimization-Based Bijective Substitution-Boxes Construction Using Enhanced Dynamics of Chaotic Map	2018	Article	Complexity	2018				48	10.1155/2018/9389065
Alzaidi A.A., Ahmad M., Doja M.N., Solami E.A., Beg M.M.S.	A New 1D Chaotic Map and $\beta$ -Hill Climbing for Generating Substitution-Boxes	2018	Article	IEEE Access	6		55405	55418	58	10.1109/ACCESS.2018.2871557
Kumar A., Alam B.	Task scheduling in real time systems with energy harvesting and energy minimization	2018	Article	Journal of Computer Science	14	8	1126	1133	1	10.3844/jcssp.2018.1126.1133

Hashmi A.S., Doja M.N., Ahmad T.	An optimized density- based algorithm for anomaly detection in high dimensional datasets	2018	Article	Scalable Computing	19	1	69	77	4	10.12694/scpe.v19i1.1394
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