

Naveen Aggarwal

List of Publications by Year in descending order

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85
papers

1,062
citations

567281

15
h-index

501196

28
g-index

90
all docs

90
docs citations

90
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional neural networks based potholes detection using thermal imaging. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 578-588.	3.9	47
2	A comprehensive survey of image and video forgery techniques: variants, challenges, and future directions. Multimedia Systems, 2022, 28, 939-992.	4.7	15
3	Analysis of DDoS Attacks in Software Defined Networking. , 2022, , .		3
4	Transportation mode detection using cumulative acoustic sensing and analysis. Frontiers of Computer Science, 2021, 15, 1.	2.4	2
5	Real-Time Detection of Inter-Frame Video Forgeries in Surveillance Videos. Advances in Intelligent Systems and Computing, 2021, , 497-505.	0.6	2
6	A Review of Security Threats in Software-Defined Networking. Algorithms for Intelligent Systems, 2021, , 123-131.	0.6	3
7	Optical flow and pattern noise-based copy-paste detection in digital videos. Multimedia Systems, 2021, 27, 449-469.	4.7	4
8	Budget-Oriented Reliable WDO Algorithm for Workflow Scheduling in Cloud Systems. Lecture Notes in Networks and Systems, 2021, , 759-772.	0.7	1
9	A review on P4-Programmable data planes: Architecture, research efforts, and future directions. Computer Communications, 2021, 170, 109-129.	5.1	29
10	An Improved Clustering Approach for Identifying Significant Locations from Spatio-temporal Data. Wireless Personal Communications, 2021, 121, 985-1009.	2.7	4
11	Hybrid Meta-heuristic Approach for Workflow Scheduling in IaaS Cloud. Arabian Journal for Science and Engineering, 2021, 46, 9101-9113.	3.0	1
12	Evaluation of automatic parallelization algorithms to minimize speculative parallelism overheads: An experiment. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 1517-1528.	0.8	14
13	A comprehensive survey of DDoS defense solutions in SDN: Taxonomy, research challenges, and future directions. Computers and Security, 2021, 110, 102423.	6.0	15
14	DDoS Defense Mechanisms for SDN Control Plane. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 1045-1058.	0.7	2
15	An Efficient Temporal Feature Aggregation of Audio-Video Signals for Human Emotion Recognition. , 2021, , .		1
16	Study of transesophageal echocardiography in young patients (<40 years) with acute arterial ischemic stroke: A pilot study. Medical Journal Armed Forces India, 2020, 76, 47-50.	0.8	1
17	Efficient privacy-preserving scheme supporting disjunctive multi-keyword search with ranking. Concurrency Computation Practice and Experience, 2020, 32, e5450.	2.2	6
18	BaroSense. ACM Transactions on Sensor Networks, 2020, 16, 1-24.	3.6	6

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19	An Efficient Language-Independent Acoustic Emotion Classification System. Arabian Journal for Science and Engineering, 2020, 45, 3111-3121.	3.0	16
20	ResDNN: deep residual learning for natural image denoising. IET Image Processing, 2020, 14, 2425-2434.	2.5	16
21	Comparative Study on Punjabi Document Clustering. Lecture Notes in Networks and Systems, 2020, , 491-502.	0.7	0
22	Improved TOPSIS method for peak frame selection in audio-video human emotion recognition. Multimedia Tools and Applications, 2019, 78, 6277-6308.	3.9	17
23	Person Identification and Characterization from Gait Using Smartphone. , 2019, , .		11
24	A distortion-agnostic video quality metric based on multi-scale spatio-temporal structural information. Signal Processing: Image Communication, 2019, 74, 299-308.	3.2	5
25	Searchable encryption: A survey on privacy-preserving search schemes on encrypted outsourced data. Concurrency Computation Practice and Experience, 2019, 31, e5201.	2.2	21
26	Two-Stage Text Feature Selection Method for Human Emotion Recognition. Lecture Notes in Networks and Systems, 2019, , 531-538.	0.7	12
27	Deep Learning Based Shadow Detection in Images. Lecture Notes in Networks and Systems, 2019, , 375-382.	0.7	3
28	Document clustering for efficient and secure information retrieval from cloud. Concurrency Computation Practice and Experience, 2019, 31, e5127.	2.2	7
29	An Off the Shelf CNN Features Based Approach for Vehicle Classification Using Acoustics. Lecture Notes in Computational Vision and Biomechanics, 2019, , 1163-1170.	0.5	4
30	Keyword Binning-Based Efficient Search on Encrypted Cloud Data. Arabian Journal for Science and Engineering, 2019, 44, 3559-3584.	3.0	3
31	A New Approach to Provide Authentication Using Acknowledgment. Advances in Intelligent Systems and Computing, 2019, , 341-347.	0.6	0
32	Deep Convolution Neural Network Based Denoiser for Mammographic Images. Communications in Computer and Information Science, 2019, , 177-187.	0.5	5
33	A Hybrid Feature Reduced Approach for Intrusion Detection System. Lecture Notes in Networks and Systems, 2019, , 179-186.	0.7	1
34	CrowdLoc. ACM Transactions on Sensor Networks, 2018, 14, 1-36.	3.6	2
35	Selection of a Hall Sensor for Usage in a Wire Rope Tester. Lecture Notes in Electrical Engineering, 2018, , 361-371.	0.4	6
36	Smartphone based traffic state detection using acoustic analysis and crowdsourcing. Applied Acoustics, 2018, 138, 80-91.	3.3	27

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37	Video content authentication techniques: a comprehensive survey. Multimedia Systems, 2018, 24, 211-240.	4.7	78
38	Profile of pulmonary embolism in service personnel posted at high altitude area. Indian Heart Journal, 2018, 70, 427-429.	0.5	9
39	Acoustic Scene Classification for Personal Commuting Mode: Detecting Polluting vs. Non Polluting Vehicles. , 2018, , .		2
40	An Obstacle Detection Method for Visually Impaired Persons by Ground Plane Removal Using Speeded-Up Robust Features and Gray Level Co-Occurrence Matrix. Pattern Recognition and Image Analysis, 2018, 28, 288-300.	1.0	15
41	Non-destructive Evaluation and Development of a New Wire Rope Tester Using Parallely Magnetized NdFeB Magnet Segments. Journal of Nondestructive Evaluation, 2018, 37, 1.	2.4	13
42	An efficient approach for secure information retrieval on cloud. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1345-1353.	1.4	5
43	EDARC: Collaborative Frequent Pattern and Analytical Mining Tool for Exploration of Educational Information. Advances in Intelligent Systems and Computing, 2018, , 251-259.	0.6	1
44	Detection of upscale-crop and splicing for digital video authentication. Digital Investigation, 2017, 21, 31-52.	3.2	25
45	Optical Flow and Prediction Residual Based Hybrid Forensic System for Inter-Frame Tampering Detection. Journal of Circuits, Systems and Computers, 2017, 26, 1750107.	1.5	17
46	A review of task scheduling based on meta-heuristics approach in cloud computing. Knowledge and Information Systems, 2017, 52, 1-51.	3.2	109
47	Smart patrolling: An efficient road surface monitoring using smartphone sensors and crowdsourcing. Pervasive and Mobile Computing, 2017, 40, 71-88.	3.3	105
48	Inter-frame forgery detection in H.264 videos using motion and brightness gradients. Multimedia Tools and Applications, 2017, 76, 25767-25786.	3.9	34
49	Traffic state detection using smartphone based acoustic sensing. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3159-3166.	1.4	7
50	Detection and localization of copy-paste forgeries in digital videos. Forensic Science International, 2017, 281, 75-91.	2.2	22
51	Bi-objective HWDO Algorithm for Optimizing Makespan and Reliability of Workflow Scheduling in Cloud Systems. , 2017, , .		3
52	Risk factors for contrast-induced nephropathy after coronary angiography. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2017, 28, 318.	0.3	17
53	Video Inter-frame Forgery Detection Approach for Surveillance and Mobile Recorded Videos. International Journal of Electrical and Computer Engineering, 2017, 7, 831.	0.7	10
54	BaroTrack. , 2017, , .		0

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55	Video Inter-frame Forgery Detection: A Survey. Indian Journal of Science and Technology, 2016, 9, .	0.7	9
56	Efficacy of Artificial Neural Network based Decision Support System for Career Counseling. Indian Journal of Science and Technology, 2016, 9, .	0.7	2
57	Bus boarding event detection using smartphone sensors. , 2016, , .		2
58	RoadSphygmo: Using barometer for traffic congestion detection. , 2016, , .		4
59	Finding occupancy in buses using crowdsourced data from smartphones. , 2016, , .		11
60	Meta-Heuristics Based Approach for Workflow Scheduling in Cloud Computing: A Survey. Advances in Intelligent Systems and Computing, 2016, , 1331-1345.	0.6	7
61	Educational data mining towards knowledge engineering: a review state. International Journal of Management in Education, 2016, 10, 65.	0.2	6
62	Detection of re-compression, transcoding and frame-deletion for digital video authentication. , 2015, , .		5
63	A Novel Way of Assigning Software Bug Priority Using Supervised Classification on Clustered Bugs Data. Advances in Intelligent Systems and Computing, 2015, , 493-501.	0.6	11
64	GSM-based positioning for public transportation commuters. , 2015, , .		0
65	The recent state of educational data mining: A survey and future visions. , 2015, , .		20
66	Improving public transportation through crowd-sourcing. , 2015, , .		6
67	Novel Research in the Field of Shot Boundary Detection " A Survey. Advances in Intelligent Systems and Computing, 2015, , 457-469.	0.6	9
68	Analysis of Various Features using Different Temporal Derivatives from Speech Signals. International Journal of Computer Applications, 2015, 118, 1-9.	0.2	0
69	A review on Video Quality Assessment. , 2014, , .		7
70	Malicious data classification using structural information and behavioral specifications in executables. , 2014, , .		3
71	State of the art and research issues in video quality assessment. , 2014, , .		2
72	Web Usage Mining: An Analysis. Journal of Emerging Technologies in Web Intelligence, 2013, 5, .	0.6	5

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73	Effort Estimation Approach for Integrated Medical Warehouses. International Journal of Computer Applications, 2012, 48, 32-39.	0.2	11
74	Identification of User Ownership in Digital Forensic using Data Mining Technique. International Journal of Computer Applications, 2012, 50, 1-5.	0.2	3
75	Content Management System Effort Estimation Using Bagging Predictors. , 2010, , 19-24.		2
76	Web hypermedia content management system effort estimation model. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2009, 34, 1-7.	0.7	6
77	Detecting camera movements & production effects in digital videos. , 2008, , .		0
78	Region Of Interest Labeling Of Ultrasound Abdominal Images Using Hausdorff Distance. , 2008, , 193-196.		0
79	The infestation of <i>Vicia faba</i> L. (Fabaceae) by <i>Aphis fabae</i> (Scop.) (Homoptera: Aphididae) under the influence of Lamiaceae (<i>Ocimum basilicum</i> L. and <i>Satureja hortensis</i> L.). Journal of Pest Science, 2006, 79, 149-154.	3.7	32
80	Effects of different neem preparations in comparison to synthetic insecticides on the whitefly parasitoid <i>Encarsia sophia</i> (Hymenoptera: Aphelinidae) and the predator <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae) on cotton under laboratory conditions. Journal of Pest Science, 2006, 79, 201-207.	3.7	22
81	Gradual Transition Detection in Digital Videos using Area Correlation. , 2006, , .		0
82	Mycotic aneurysm of left anterior descending artery after sirolimus-eluting stent implantation: A case report. Catheterization and Cardiovascular Interventions, 2005, 65, 282-285.	1.7	56
83	Large Spontaneous Coronary Artery Dissections. Angiology, 2004, 55, 309-318.	1.8	26
84	Pharmacotherapy of Atrial Fibrillation. Asian Cardiovascular and Thoracic Annals, 2003, 11, 364-374.	0.5	3
85	Embryogenesis of a sac containing a Meckel's diverticulum. Pediatric Surgery International, 1997, 12, 432-433.	1.4	1