# Naveen Aggarwal

List of Publications by Year
in descending order

| 85 | 1,062 | 567281 | 501196 |
|---|---|---|---|
| papers | citations | 15 | 28 |
| | | h-index | g-index |

| 90 | 90 | 90 | 932 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | A review of task scheduling based on meta-heuristics approach in cloud computing. Knowledge and Information Systems, 2017, 52, 1-51. | 3.2 | 109 |
| 2 | Smart patrolling: An efficient road surface monitoring using smartphone sensors and crowdsourcing. Pervasive and Mobile Computing, 2017, 40, 71-88. | 3.3 | 105 |
| 3 | Video content authentication techniques: a comprehensive survey. Multimedia Systems, 2018, 24, 211-240. | 4.7 | 78 |
| 4 | 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 |
| 5 | 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 |
| 6 | Inter-frame forgery detection in H.264 videos using motion and brightness gradients. Multimedia Tools and Applications, 2017, 76, 25767-25786. | 3.9 | 34 |
| 7 | The infestation of Vicia faba L. (Fabaceae) by Aphis fabae (Scop.) (Homoptera: Aphididae) under the influence of Lamiaceae (Ocimum basilicum L. and Satureja hortensis L.). Journal of Pest Science, 2006, 79, 149-154. | 3.7 | 32 |
| 8 | A review on P4-Programmable data planes: Architecture, research efforts, and future directions. Computer Communications, 2021, 170, 109-129. | 5.1 | 29 |
| 9 | Smartphone based traffic state detection using acoustic analysis and crowdsourcing. Applied Acoustics, 2018, 138, 80-91. | 3.3 | 27 |
| 10 | Large Spontaneous Coronary Artery Dissections. Angiology, 2004, 55, 309-318. | 1.8 | 26 |
| 11 | Detection of upscale-crop and splicing for digital video authentication. Digital Investigation, 2017, 21, 31-52. | 3.2 | 25 |
| 12 | Effects of different neem preparations in comparison to synthetic insecticides on the whitefly parasitoid Encarsia sophia (Hymenoptera: Aphelinidae) and the predator Chrysoperla carnea (Neuroptera: Chrysopidae) on cotton under laboratory conditions. Journal of Pest Science, 2006, 79, 201-207. | 3.7 | 22 |
| 13 | Detection and localization of copy-paste forgeries in digital videos. Forensic Science International, 2017, 281, 75-91. | 2.2 | 22 |
| 14 | Searchable encryption: A survey on privacy€preserving search schemes on encrypted outsourced data. Concurrency Computation Practice and Experience, 2019, 31, e5201. | 2.2 | 21 |
| 15 | The recent state of educational data mining: A survey and future visions. , 2015, , . | | 20 |
| 16 | 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 |
| 17 | Improved TOPSIS method for peak frame selection in audio-video human emotion recognition. Multimedia Tools and Applications, 2019, 78, 6277-6308. | 3.9 | 17 |
| 18 | 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 |

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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 | 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 |
| 22 | A comprehensive survey of DDoS defense solutions in SDN: Taxonomy, research challenges, and future directions. Computers and Security, 2021, 110, 102423. | 6.0 | 15 |
| 23 | A comprehensive survey of image and video forgery techniques: variants, challenges, and future directions. Multimedia Systems, 2022, 28, 939-992. | 4.7 | 15 |
| 24 | 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 |
| 25 | 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 |
| 26 | Two-Stage Text Feature Selection Method for Human Emotion Recognition. Lecture Notes in Networks and Systems, 2019, , 531-538. | 0.7 | 12 |
| 27 | 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 |
| 28 | Finding occupancy in buses using crowdsourced data from smartphones. , 2016, , . | | 11 |
| 29 | Person Identification and Characterization from Gait Using Smartphone. , 2019, , . | | 11 |
| 30 | Effort Estimation Approach for Integrated Medical Warehouses. International Journal of Computer Applications, 2012, 48, 32-39. | 0.2 | 11 |
| 31 | 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 |
| 32 | Novel Research in the Field of Shot Boundary Detection â€" A Survey. Advances in Intelligent Systems and Computing, 2015, , 457-469. | 0.6 | 9 |
| 33 | Video Inter-frame Forgery Detection: A Survey. Indian Journal of Science and Technology, 2016, 9, . | 0.7 | 9 |
| 34 | Profile of pulmonary embolism in service personnel posted at high altitude area. Indian Heart Journal, 2018, 70, 427-429. | 0.5 | 9 |
| 35 | A review on Video Quality Assessment. , 2014, , . | | 7 |
| 36 | Meta-Heuristics Based Approach for Workflow Scheduling in Cloud Computing: A Survey. Advances in Intelligent Systems and Computing, 2016, , 1331-1345. | 0.6 | 7 |

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| 37 | Traffic state detection using smartphone based acoustic sensing. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3159-3166. | 1.4 | 7 |
| 38 | Document clustering for efficient and secure information retrieval from cloud. Concurrency Computation Practice and Experience, 2019, 31, e5127. | 2.2 | 7 |
| 39 | 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 |
| 40 | Improving public transportation through crowd-sourcing. , 2015, , . | | 6 |
| 41 | Educational data mining towards knowledge engineering: a review state. International Journal of Management in Education, 2016, 10, 65. | 0.2 | 6 |
| 42 | Selection of a Hall Sensor for Usage in a Wire Rope Tester. Lecture Notes in Electrical Engineering, 2018, , 361-371. | 0.4 | 6 |
| 43 | Efficient privacy€preserving scheme supporting disjunctive multi€keyword search with ranking. Concurrency Computation Practice and Experience, 2020, 32, e5450. | 2.2 | 6 |
| 44 | BaroSense. ACM Transactions on Sensor Networks, 2020, 16, 1-24. | 3.6 | 6 |
| 45 | Detection of re-compression, transcoding and frame-deletion for digital video authentication. , 2015, , . | | 5 |
| 46 | An efficient approach for secure information retrieval on cloud. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1345-1353. | 1.4 | 5 |
| 47 | 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 |
| 48 | Web Usage Mining: An Analysis. Journal of Emerging Technologies in Web Intelligence, 2013, 5, . | 0.6 | 5 |
| 49 | Deep Convolution Neural Network Based Denoiser for Mammographic Images. Communications in Computer and Information Science, 2019, , 177-187. | 0.5 | 5 |
| 50 | RoadSphygmo: Using barometer for traffic congestion detection. , 2016, , . | | 4 |
| 51 | An Off the Shelf CNN Features Based Approach for Vehicle Classification UsingÂAcoustics. Lecture Notes in Computational Vision and Biomechanics, 2019, , 1163-1170. | 0.5 | 4 |
| 52 | Optical flow and pattern noise-based copy€"paste detection in digital videos. Multimedia Systems, 2021, 27, 449-469. | 4.7 | 4 |
| 53 | An Improved Clustering Approach for Identifying Significant Locations from Spatio-temporal Data. Wireless Personal Communications, 2021, 121, 985-1009. | 2.7 | 4 |
| 54 | Pharmacotherapy of Atrial Fibrillation. Asian Cardiovascular and Thoracic Annals, 2003, 11, 364-374. | 0.5 | 3 |

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|---|---------|----|-----------| 
| 55 | Malicious data classification using structural information and behavioral specifications in executables. , 2014, , . | | 3 |
| 56 | Bi-objective HWDO Algorithm for Optimizing Makespan and Reliability of Workflow Scheduling in Cloud Systems. , 2017, , . | | 3 |
| 57 | Deep Learning Based Shadow Detection in Images. Lecture Notes in Networks and Systems, 2019, , 375-382. | 0.7 | 3 |
| 58 | Keyword Binning-Based Efficient Search on Encrypted Cloud Data. Arabian Journal for Science and Engineering, 2019, 44, 3559-3584. | 3.0 | 3 |
| 59 | A Review of Security Threats inÂSoftware-Defined Networking. Algorithms for Intelligent Systems, 2021, , 123-131. | 0.6 | 3 |
| 60 | Identification of User Ownership in Digital Forensic using Data Mining Technique. International Journal of Computer Applications, 2012, 50, 1-5. | 0.2 | 3 |
| 61 | Analysis of DDoS Attacks in Software Defined Networking. , 2022, , . | | 3 |
| 62 | State of the art and research issues in video quality assessment. , 2014, , . | | 2 |
| 63 | Efficacy of Artificial Neural Network based Decision Support System for Career Counseling. Indian Journal of Science and Technology, 2016, 9, . | 0.7 | 2 |
| 64 | Bus boarding event detection using smartphone sensors. , 2016, , . | | 2 |
| 65 | CrowdLoc. ACM Transactions on Sensor Networks, 2018, 14, 1-36. | 3.6 | 2 |
| 66 | Acoustic Scene Classification for Personal Commuting Mode: Detecting Polluting vs. Non Polluting Vehicles. , 2018, , . | | 2 |
| 67 | Transportation mode detection using cumulative acoustic sensing and analysis. Frontiers of Computer Science, 2021, 15, 1. | 2.4 | 2 |
| 68 | Real-Time Detection of Inter-Frame Video Forgeries in Surveillance Videos. Advances in Intelligent Systems and Computing, 2021, , 497-505. | 0.6 | 2 |
| 69 | DDoS Defense Mechanisms for SDN Control Plane. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 1045-1058. | 0.7 | 2 |
| 70 | Content Management System Effort Estimation Using Bagging Predictors. , 2010, , 19-24. | | 2 |
| 71 | Embryogenesis of a sac containing a Meckel's diverticulum. Pediatric Surgery International, 1997, 12, 432-433. | 1.4 | 1 |
| 72 | Study of transesophageal echocardiography in young patients (&lt;40 years) with acute arterial ischemic stroke: A pilot study. Medical Journal Armed Forces India, 2020, 76, 47-50. | 0.8 | 1 |

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|---|---------|-----|-----------|
| 73 | Budget-Oriented Reliable WDO Algorithm for Workflow Scheduling inÂCloud Systems. Lecture Notes in Networks and Systems, 2021, , 759-772. | 0.7 | 1 |
| 74 | Hybrid Meta-heuristic Approach for Workflow Scheduling in IaaS Cloud. Arabian Journal for Science and Engineering, 2021, 46, 9101-9113. | 3.0 | 1 |
| 75 | 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 |
| 76 | A Hybrid Feature Reduced Approach for Intrusion Detection System. Lecture Notes in Networks and Systems, 2019, , 179-186. | 0.7 | 1 |
| 77 | An Efficient Temporal Feature Aggregation of Audio-Video Signals for Human Emotion Recognition. , 2021, , . | | 1 |
| 78 | Gradual Transition Detection in Digital Videos using Area Correlation. , 2006, , . | | 0 |
| 79 | Detecting camera movements & production effects in digital videos. , 2008, , . | | 0 |
| 80 | GSM-based positioning for public transportation commuters. , 2015, , . | | 0 |
| 81 | Analysis of Various Features using Different Temporal Derivatives from Speech Signals. International Journal of Computer Applications, 2015, 118, 1-9. | 0.2 | 0 |
| 82 | BaroTrack. , 2017, , . | | 0 |
| 83 | A New Approach to Provide Authentication Using Acknowledgment. Advances in Intelligent Systems and Computing, 2019, , 341-347. | 0.6 | 0 |
| 84 | Comparative Study on Punjabi Document Clustering. Lecture Notes in Networks and Systems, 2020, , 491-502. | 0.7 | 0 |
| 85 | Region Of Interest Labeling Of Ultrasound Abdominal Images Using Hausdorff Distance. , 2008, , 193-196. | | 0 |