# Suresh Sankaranarayanan

List of Publications by Year
in descending order

| 73 | 733 | 1039406 | 676716 |
|---|---|---|---|
| papers | citations | 9 | 22 |
| | | h-index | g-index |

| 78 | 78 | 78 | 628 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Applications of Artificial Intelligence for Smart Agriculture. Advances in Computational Intelligence and Robotics Book Series, 2021, , 277-288. | 0.4 | 1 |
| 2 | Compression-Aware Aggregation and Energy-Aware Routing in IoT–Fog-Enabled Forest Environment. Sensors, 2021, 21, 4591. | 2.1 | 5 |
| 3 | Prediction of Risk Percentage in Software Projects by Training Machine Learning Classifiers. Computers and Electrical Engineering, 2021, 94, 107362. | 3.0 | 4 |
| 4 | Post Thoracic Surgery Life Expectancy Prediction Using Machine Learning. International Journal of Healthcare Information Systems and Informatics, 2021, 16, 1-20. | 1.0 | 6 |
| 5 | Flood prediction based on weather parameters using deep learning. Journal of Water and Climate Change, 2020, 11, 1766-1783. | 1.2 | 65 |
| 6 | IoT-based water demand forecasting and distribution design for smart city. Journal of Water and Climate Change, 2020, 11, 1411-1428. | 1.2 | 12 |
| 7 | Multi-Agent-Based Modeling for Underground Pipe Health and Water Quality Monitoring for Supplying Quality Water. International Journal of Intelligent Information Technologies, 2020, 16, 52-79. | 0.5 | 4 |
| 8 | Data Flow and Distributed Deep Neural Network based low latency IoT-Edge computation model for big data environment. Engineering Applications of Artificial Intelligence, 2020, 94, 103785. | 4.3 | 25 |
| 9 | Agent negotiation in an IoT-Fog based power distribution system for demand reduction. Sustainable Energy Technologies and Assessments, 2020, 38, 100653. | 1.7 | 18 |
| 10 | Aggregator based RPL for an IoT-fog based power distribution system with 6LoWPAN. China Communications, 2020, 17, 104-117. | 2.0 | 12 |
| 11 | SVM-Based Traffic Data Classification for Secured IoT-Based Road Signaling System. , 2020, , 1003-1030. | | 3 |
| 12 | Water Demand Forecasting using Deep Learning in IoT Enabled Water Distribution Network. International Journal of Computers, Communications and Control, 2020, 15, . | 1.2 | 6 |
| 13 | Smart Energy Management and Demand Reduction by Consumers and Utilities in an IoT-Fog-Based Power Distribution System. IEEE Internet of Things Journal, 2019, 6, 7386-7394. | 5.5 | 61 |
| 14 | SVM-Based Traffic Data Classification for Secured IoT-Based Road Signaling System. International Journal of Intelligent Information Technologies, 2019, 15, 22-50. | 0.5 | 7 |
| 15 | Water Demand Prediction for Housing Apartments Using Time Series Analysis. International Journal of Intelligent Information Technologies, 2019, 15, 57-75. | 0.5 | 6 |
| 16 | Publish/subscribe based multi-tier edge computational model in Internet of Things for latency reduction. Journal of Parallel and Distributed Computing, 2019, 127, 18-27. | 2.7 | 28 |
| 17 | Forest Fire Information System Using Wireless Sensor Network. , 2019, , 894-911. | | 4 |
| 18 | Agile Software Risk Management Architecture for IoT-Fog based systems. , 2018, , . | | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | IoT based hydroponics system using Deep Neural Networks. Computers and Electronics in Agriculture, 2018, 155, 473-486. | 3.7 | 166 |
| 20 | Performance Evaluation of RPL Routing Protocol for IoT Based Power Distribution Network. Communications in Computer and Information Science, 2018, , 212-226. | 0.4 | 2 |
| 21 | Applications of Intelligent Agents in Mobile Commerce. , 2018, , 566-603. | | 0 |
| 22 | IoT based SCADA integrated with Fog for power distribution automation. , 2017, , . | | 29 |
| 23 | Comparative analysis of AES and ECC in automated metering infrastructure. , 2017, , . | | 0 |
| 24 | Publish/subscribe broker based architecture for fog computing. , 2017, , . | | 6 |
| 25 | Forest Fire Information System Using Wireless Sensor Network. International Journal of Agricultural and Environmental Information Systems, 2017, 8, 52-67. | 1.8 | 6 |
| 26 | Biometric Secured Electronic Health Record. International Journal of E-Health and Medical Communications, 2016, 7, 1-27. | 1.4 | 0 |
| 27 | Cluster based Certificate Authority Scheme in WSN. , 2016, , . | | 2 |
| 28 | Frame Based Biometric Authentication System for Healthcare. , 2016, , . | | 2 |
| 29 | Energy Efficient Routing Protocol in Forest Fire Detection System. , 2016, , . | | 13 |
| 30 | Applications of Intelligent Agents in Health Sector-A Review. International Journal of E-Health and Medical Communications, 2016, 7, 1-30. | 1.4 | 8 |
| 31 | Application of Intelligent Agents in Wireless Prepaid Energy Meter. International Journal of Intelligent Systems and Applications, 2016, 8, 66-76. | 0.9 | 2 |
| 32 | Application of Intelligent Agents in Biometric Secured Mobile Payment System. , 2016, , 1280-1306. | | 0 |
| 33 | Application of Intelligent Agents in Mobile Shopping. , 2016, , 1307-1332. | | 0 |
| 34 | Mobile Enabled RFID-GPS Based Bus Tracking System. International Journal of Advanced Pervasive and Ubiquitous Computing, 2014, 6, 10-34. | 0.4 | 2 |
| 35 | Smart agent based prepaid wireless energy meter. , 2014, , . | | 7 |
| 36 | Applications of Intelligent Agents in Mobile Commerce. International Journal of Agent Technologies and Systems, 2014, 6, 35-71. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 37 | ABASH &#x2014; Android based smart home monitoring using wireless sensors. , 2013, , . | | 18 |
| 38 | Near Field Communication Based Patient Appointment. , 2013, , . | | 10 |
| 39 | Intelligent Agent Based RFID Wireless Body Sensor Mesh Network - Cloud Environment. , 2013, , . | | 4 |
| 40 | Development of a Health Information System in the Mobile Cloud Environment. , 2013, , . | | 4 |
| 41 | Intelligent Agent Based RFID System for on Demand Bus Scheduling and Ticketing. International Journal of Future Computer and Communication, 2013, , 399-406. | 1.3 | 6 |
| 42 | Applications of Intelligent Agents in Hospital Search and Appointment System. , 2013, , 302-321. | | 0 |
| 43 | Smart Agent-Based Hospital Search, Appointment, and Medical Diagnosis. International Journal of E-Health and Medical Communications, 2012, 3, 64-101. | 1.4 | 6 |
| 44 | Smart Agent Learning based Hotel Search System- Android Environment. International Journal of Information Technology and Computer Science, 2012, 4, 9-21. | 0.8 | 8 |
| 45 | Intelligent Agent based Flight Search and Booking System. International Journal of Advanced Research in Artificial Intelligence, 2012, 1, . | 0.2 | 5 |
| 46 | Application of Biometric Security in Agent based Hotel Booking System - Android Environment. International Journal of Information Engineering and Electronic Business, 2012, 4, 64-75. | 1.0 | 9 |
| 47 | Biometric secured mobile voting. , 2011, , . | | 7 |
| 48 | Intelligent agent based job search system in Android environment. , 2011, , . | | 6 |
| 49 | Intelligent Store Agent for Mobile Shopping. International Journal of E-Services and Mobile Applications, 2011, 3, 57-72. | 0.6 | 9 |
| 50 | Intelligent Agent Based Mobile Healthcare. , 2011, , 121-126. | | 1 |
| 51 | Applications of Policy Based Agents in Wireless Body Sensor Mesh Networks for Patient Health Monitoring. International Journal of E-Health and Medical Communications, 2011, 2, 24-45. | 1.4 | 5 |
| 52 | Applications of Intelligent Agents in Hospital Search and Appointment System. International Journal of E-Services and Mobile Applications, 2011, 3, 57-81. | 0.6 | 6 |
| 53 | Intelligent agent based hotel search &amp; booking system. , 2010, , . | | 18 |
| 54 | Biometric security mechanism in Mobile paymentts. , 2010, , . | | 11 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 55 | Intelligent agent based scheduling of student appointment-android environment. , 2010, , . | | 4 |
| 56 | Intelligent agent based hospital search & appointment system. , 2009, , . | | 7 |
| 57 | Intelligent Agent based Mobile Shopper. , 2009, , . | | 4 |
| 58 | Application of intelligent agents for mobile tutoring. , 2009, , . | | 5 |
| 59 | Premature ventricular contractions, a typical extra-systole arrhythmia, lowers the scaling exponent. , 2009, , . | | 1 |
| 60 | Intelligent agent based information routing in wireless body sensor Mesh Networks. , 2009, , . | | 5 |
| 61 | Failure Performance Study of Hierarchical Agent Based Patient Health Monitoring in Wireless Body Sensor Mesh Network. , 2009, , . | | 2 |
| 62 | Performance of hierarchical agent based Wireless Sensor Mesh Network for patient health monitoring. , 2009, , . | | 4 |
| 63 | Performance analysis of Client/Server versus Agent based communication in wireless sensor networks for health applications. , 2009, , . | | 8 |
| 64 | Role of Intelligent Agents and Wireless Body Sensor Mesh Networks in Patient Health Monitoring. , 2009, , . | | 6 |
| 65 | Hierarchical Intelligent Agent Based Wireless Body Sensor Mesh Networks. , 2009, , . | | 10 |
| 66 | Monitoring patient health using policy based agents in wireless body sensor mesh networks. , 2009, , . | | 5 |
| 67 | Performance of 802.11b Mesh Network Under Channel Interference for Wireless Internet. International Journal of Business Data Communications and Networking, 2007, 3, 47-59. | 1.2 | 8 |
| 68 | Congestion management of self similar IP traffic - weighted probability normal and exponential RED. , 2005, , . | | 0 |
| 69 | Congestion Management of IP Traffic Using Adaptive Exponential RED. Lecture Notes in Computer Science, 2005, , 580-589. | 1.0 | 3 |
| 70 | Congestion management of self similar IP traffic using normal and expqpential marking RED. , 0, , . | | 2 |
| 71 | Congestion management of self similar ip traffic - application of the RED scheme. , 0, , . | | 3 |
| 72 | Congestion Management of Self Similar IP Traffic using Probability based Normal and Exponential marking RED. , 0, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 73 | Applications of Policy Based Agents in Wireless Body Sensor Mesh Networks for Patient Health Monitoring. , 0, , 85-101. | | 0 |