

# Reham R Mostafa

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,017  
citations

471509

17  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

464  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | ST-AL: a hybridized search based metaheuristic computational algorithm towards optimization of high dimensional industrial datasets. Soft Computing, 2023, 27, 13553-13581.   | 3.6  | 8         |
| 2  | Human Gait Recognition: A Deep Learning and Best Feature Selection Framework. Computers, Materials and Continua, 2022, 70, 343-360.   | 1.9  | 3         |
| 3  | Development of new machine learning model for streamflow prediction: case studies in Pakistan. Stochastic Environmental Research and Risk Assessment, 2022, 36, 999-1033.   | 4.0  | 41        |
| 4  | The potential of a novel support vector machine trained with modified mayfly optimization algorithm for streamflow prediction. Hydrological Sciences Journal, 2022, 67, 161-174.  | 2.6  | 47        |
| 5  | Skin Lesion Segmentation and Classification Using Conventional and Deep Learning Based Framework. Computers, Materials and Continua, 2022, 71, 2477-2495.   | 1.9  | 14        |
| 6  | Development of new computational machine learning models for longitudinal dispersion coefficient determination: case study of natural streams, United States. Environmental Science and Pollution Research, 2022, 29, 35841-35861.                          | 5.3  | 15        |
| 7  | Improved seagull optimization algorithm using Lévy flight and mutation operator for feature selection. Neural Computing and Applications, 2022, 34, 7437-7472.  | 5.6  | 44        |
| 8  | An Effective Feature Selection Model Using Hybrid Metaheuristic Algorithms for IoT Intrusion Detection. Sensors, 2022, 22, 1396.  | 3.8  | 63        |
| 9  | Modeling Multistep Ahead Dissolved Oxygen Concentration Using Improved Support Vector Machines by a Hybrid Metaheuristic Algorithm. Sustainability, 2022, 14, 3470.   | 3.2  | 21        |
| 10 | Boosting chameleon swarm algorithm with consumption AEO operator for global optimization and feature selection. Knowledge-Based Systems, 2022, 246, 108743.   | 7.1  | 33        |
| 11 | Enhanced COOT optimization algorithm for Dimensionality Reduction. , 2022, , .  |      | 17        |
| 12 | Leveraging mist and fog for big data analytics in <scp>IoT</scp> environment. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4057.  | 3.9  | 14        |
| 13 | A State-of-the-Art Review of Deep Reinforcement Learning Techniques for Real-Time Strategy Games. Studies in Computational Intelligence, 2021, , 285-307.   | 0.9  | 3         |
| 14 | Optimizing hyperparameters of deep reinforcement learning for autonomous driving based on whale optimization algorithm. PLoS ONE, 2021, 16, e0252754.   | 2.5  | 30        |
| 15 | A new random vector functional link integrated with mayfly optimization algorithm for performance prediction of solar photovoltaic thermal collector combined with electrolytic hydrogen production system. Applied Thermal Engineering, 2021, 193, 117055. | 6.0  | 61        |
| 16 | IoTBoT-IDS: A novel statistical learning-enabled botnet detection framework for protecting networks of smart cities. Sustainable Cities and Society, 2021, 72, 103041.  | 10.4 | 79        |
| 17 | Improving streamflow prediction using a new hybrid ELM model combined with hybrid particle swarm optimization and grey wolf optimization. Knowledge-Based Systems, 2021, 230, 107379.   | 7.1  | 117       |
| 18 | COVID19 Classification Using CT Images via Ensembles of Deep Learning Models. Computers, Materials and Continua, 2021, 69, 319-337.   | 1.9  | 20        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Safest Route Detection via Danger Index Calculation and K-Means Clustering. Computers, Materials and Continua, 2021, 69, 2761-2777.   | 1.9 | 6         |
| 20 | An Ensemble of Optimal Deep Learning Features for Brain Tumor Classification. Computers, Materials and Continua, 2021, 69, 2653-2670.   | 1.9 | 19        |
| 21 | Android malware classification based on random vector functional link and artificial Jellyfish Search optimizer. PLoS ONE, 2021, 16, e0260232.                                  | 2.5 | 10        |
| 22 | Estimating reference evapotranspiration using hybrid adaptive fuzzy inferencing coupled with heuristic algorithms. Computers and Electronics in Agriculture, 2021, 191, 106541. | 7.7 | 60        |
| 23 | Improving Drought Modeling Using Hybrid Random Vector Functional Link Methods. Water (Switzerland), 2021, 13, 3379.   | 2.7 | 29        |
| 24 | Training and Testing Data Division Influence on Hybrid Machine Learning Model Process: Application of River Flow Forecasting. Complexity, 2020, 2020, 1-22.                     | 1.6 | 20        |
| 25 | Manganese (Mn) removal prediction using extreme gradient model. Ecotoxicology and Environmental Safety, 2020, 204, 111059.  | 6.0 | 51        |
| 26 | Optimized ANFIS Model Using Hybrid Metaheuristic Algorithms for Parkinson's Disease Prediction in IoT Environment. IEEE Access, 2020, 8, 119252-119270.                         | 4.2 | 61        |
| 27 | Improved Feature Selection Model for Big Data Analytics. IEEE Access, 2020, 8, 66989-67004.   | 4.2 | 114       |
| 28 | Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords. Webology, 2020, 17, 524-535.                                     | 0.5 | 15        |
| 29 | Load Balancing Enhanced Technique for Static Task Scheduling in Cloud Computing Environments. Lecture Notes in Networks and Systems, 2020, , 411-430.                           | 0.7 | 1         |