

# Reza Monsefi

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

660  
citations

686830

13  
h-index

676716

22  
g-index

51  
all docs

51  
docs citations

51  
times ranked

589  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Online neural network model for non-stationary and imbalanced data stream classification. International Journal of Machine Learning and Cybernetics, 2014, 5, 51-62.                 | 2.3 | 61        |
| 2  | Ensemble of online neural networks for non-stationary and imbalanced data streams. Neurocomputing, 2013, 122, 535-544.   | 3.5 | 58        |
| 3  | IRAHC: Instance Reduction Algorithm using Hyperrectangle Clustering. Pattern Recognition, 2015, 48, 1878-1889.   | 5.1 | 58        |
| 4  | Queen-MAC: A quorum-based energy-efficient medium access control protocol for wireless sensor networks. Computer Networks, 2012, 56, 2221-2236.                                      | 3.2 | 38        |
| 5  | Recursive least square perceptron model for non-stationary and imbalanced data stream classification. Evolving Systems, 2013, 4, 119-131.  | 2.4 | 37        |
| 6  | A multi-objective genetic algorithm based approach for energy efficient QoS-routing in two-tiered Wireless Sensor Networks. , 2010, , .  |     | 32        |
| 7  | A collective and abridged lexical query for delineation of nanotechnology publications. Scientometrics, 2011, 86, 15-25.   | 1.6 | 29        |
| 8  | Online cost-sensitive neural network classifiers for non-stationary and imbalanced data streams. Neural Computing and Applications, 2013, 23, 1283-1295.                             | 3.2 | 28        |
| 9  | Class imbalance handling using wrapper-based random oversampling. , 2012, , .  |     | 22        |
| 10 | An Effective Semi-fragile Watermarking Method for Image Authentication Based on Lifting Wavelet Transform and Feed-Forward Neural Network. Cognitive Computation, 2020, 12, 863-890. | 3.6 | 20        |
| 11 | DDC: distance-based decision classifier. Neural Computing and Applications, 2012, 21, 1697-1707.   | 3.2 | 17        |
| 12 | A Detailed Review of Multi-Channel Medium Access Control Protocols for Wireless Sensor Networks. International Journal of Wireless Information Networks, 2012, 19, 1-21.             | 1.8 | 17        |
| 13 | Large symmetric margin instance selection algorithm. International Journal of Machine Learning and Cybernetics, 2016, 7, 25-45.  | 2.3 | 16        |
| 14 | A novel algorithm for coalition formation in Multi-Agent Systems using cooperative game theory. , 2010, , .  |     | 15        |
| 15 | Ellipse Support Vector Data Description. Communications in Computer and Information Science, 2009, , 257-268.  | 0.4 | 15        |
| 16 | LMIRA: Large Margin Instance Reduction Algorithm. Neurocomputing, 2014, 145, 477-487.  | 3.5 | 14        |
| 17 | Combination of loss functions for deep text classification. International Journal of Machine Learning and Cybernetics, 2020, 11, 751-761.  | 2.3 | 12        |
| 18 | Optimal Number of Replicas with QoS Assurance in Data Grid Environment. , 2008, , .  |     | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | MAMAC: A Multi-channel Asynchronous MAC Protocol for Wireless Sensor Networks. , 2011, , .  |     | 11        |
| 20 | Sparse Bayesian approach for metric learning in latent space. Knowledge-Based Systems, 2019, 178, 11-24.  | 4.0 | 11        |
| 21 | An adaptive Cross-Layer multichannel QoS-MAC protocol for cluster based wireless multimedia sensor networks. , 2009, , .  |     | 10        |
| 22 | Intrusion Detection by Ellipsoid Boundary. Journal of Network and Systems Management, 2010, 18, 265-282.  | 3.3 | 10        |
| 23 | A novel congestion control protocol with AQM support for IP-based networks. Telecommunication Systems, 2013, 52, 229-244.   | 1.6 | 10        |
| 24 | Convolutional kernel networks based on a convex combination of cosine kernels. Pattern Recognition Letters, 2018, 116, 127-134.   | 2.6 | 10        |
| 25 | Hierarchical tree clustering of fuzzy number. Journal of Intelligent and Fuzzy Systems, 2014, 26, 541-550.  | 0.8 | 8         |
| 26 | relf: robust regression extended with ensemble loss function. Applied Intelligence, 2019, 49, 1437-1450.  | 3.3 | 8         |
| 27 | A recurrent neural network-based model for predicting bending behavior of ionic polymer-metal composite actuators. Journal of Intelligent Material Systems and Structures, 2020, 31, 1973-1985. | 1.4 | 8         |
| 28 | Hamiltonian Adaptive Importance Sampling. IEEE Signal Processing Letters, 2021, 28, 713-717.  | 2.1 | 8         |
| 29 | A New Support Vector Data Description with Fuzzy Constraints. , 2010, , .   |     | 7         |
| 30 | Network intrusion detection based on neuro-fuzzy classification. , 2006, , .  |     | 6         |
| 31 | Using pattern matching for tiling and packing problems. European Journal of Operational Research, 2007, 183, 950-960.   | 3.5 | 6         |
| 32 | Sentiment Analysis of Informal Persian Texts Using Embedding Informal words and Attention-Based LSTM Network. , 2020, , .   |     | 5         |
| 33 | A New Fuzzy Algorithm for Global Job Scheduling in Multiclusters and Grids. , 2007, , .   |     | 4         |
| 34 | Static Parallel Job Scheduling in Computational Grids. , 2008, , .  |     | 4         |
| 35 | Intrusion Detection by New Data Description Method. , 2010, , .   |     | 4         |
| 36 | Energy efficient/highly secure data aggregation method using tree-structured orthogonal codes for Wireless Sensor Networks. , 2010, , .   |     | 4         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Sparse Bayesian similarity learning based on posterior distribution of data. Engineering Applications of Artificial Intelligence, 2018, 67, 173-186. | 4.3 | 4         |
| 38 | Attention-based Convolutional Neural Network for Answer Selection using BERT. , 2020, , .  |     | 4         |
| 39 | An efficient and class based active Queue Management for next generation networks. , 2010, , .   |     | 3         |
| 40 | A QoS based data dissemination protocol for wireless multimedia sensor networks. , 2010, , .   |     | 3         |
| 41 | Design and simulation of OSPF routing protocol fuzzy model by two constraint: Bandwidth and queue size of router. , 2010, , .                        |     | 3         |
| 42 | Genetic regulatory network inference using Recurrent Neural Networks trained by a multi agent system. , 2011, , .                                    |     | 3         |
| 43 | License Plate Location Based on Multi Agent Systems. , 2007, , .   |     | 2         |
| 44 | Layered Geometric Learning. Lecture Notes in Computer Science, 2019, , 571-582.  | 1.0 | 2         |
| 45 | SVBO: Support Vector-Based Oversampling for handling class imbalance in k-NN. , 2012, , .  |     | 1         |
| 46 | A New Sparse Learning Machine. Neural Processing Letters, 2017, 46, 15-28.   | 2.0 | 1         |
| 47 | Parallelization of Fuzzy-Classical Filters For Image Noise Reduction. , 2007, , .  |     | 0         |
| 48 | Constrained classifier: a novel approach to nonlinear classification. Neural Computing and Applications, 2013, 23, 2367-2377.                        | 3.2 | 0         |
| 49 | Minimizing access cost of replicas in tree data grids for read-only objects. , 2013, , .   |     | 0         |
| 50 | Weighted semi-supervised manifold clustering via sparse representation. , 2016, , .  |     | 0         |
| 51 | Sparse online feature maps. Knowledge-Based Systems, 2018, 151, 62-77.   | 4.0 | 0         |