# Mehmed Kantardzic

List of Publications by Year
in descending order

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|---|---|---|---|
| 91<br>papers | 1,426<br>citations | 687363<br>13<br>h-index | 610901<br>24<br>g-index |
| 101<br>all docs | 101<br>docs citations | 101<br>times ranked | 1176<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | On the reliable detection of concept drift from streaming unlabeled data. Expert Systems With Applications, 2017, 82, 77-99. | 7.6 | 116 |
| 2 | A Review of Explainable Deep Learning Cancer Detection Models in Medical Imaging. Applied Sciences (Switzerland), 2021, 11, 4573. | 2.5 | 53 |
| 3 | No Free Lunch Theorem for concept drift detection in streaming data classification: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1327. | 6.8 | 45 |
| 4 | Handling adversarial concept drift in streaming data. Expert Systems With Applications, 2018, 97, 18-40. | 7.6 | 41 |
| 5 | Data driven exploratory attacks on black box classifiers in adversarial domains. Neurocomputing, 2018, 289, 129-143. | 5.9 | 39 |
| 6 | Is it better to combine predictions?. Protein Engineering, Design and Selection, 2000, 13, 15-19. | 2.1 | 34 |
| 7 | A grid density based framework for classifying streaming data in the presence of concept drift. Journal of Intelligent Information Systems, 2016, 46, 179-211. | 3.9 | 34 |
| 8 | Memory-based context-sensitive spelling correction at web scale. , 2007, , . | | 28 |
| 9 | Donâ€™t Pay for Validation: Detecting Drifts from Unlabeled data Using Margin Density. Procedia Computer Science, 2015, 53, 103-112. | 2.0 | 27 |
| 10 | Next Generation of Data-Mining Applications. , 2005, , . | | 25 |
| 11 | The frequent wayfinding-sequence (FWS) methodology: Finding preferred routes in complex virtual environments. International Journal of Human Computer Studies, 2006, 64, 356-374. | 5.6 | 22 |
| 12 | The New Generation of Automatic Landmark Detection Systems: Challenges and Guidelines. Spatial Cognition and Computation, 2008, 8, 252-287. | 1.2 | 20 |
| 13 | SOM-based partial labeling of imbalanced data stream. Neurocomputing, 2017, 262, 120-133. | 5.9 | 20 |
| 14 | Guest Editors' Introduction: Distributed Data Mining--Framework and Implementations. IEEE Internet Computing, 2006, 10, 15-17. | 3.3 | 17 |
| 15 | Neural network-based data-driven modelling of anomaly detection in thermal power plant. Automatika, 2017, 58, 69-79. | 2.0 | 17 |
| 16 | A data-mining approach to improving Polycythemia Vera diagnosis. Computers and Industrial Engineering, 2002, 43, 765-773. | 6.3 | 16 |
| 17 | Link Analysis Tools for Intelligence and Counterterrorism. Lecture Notes in Computer Science, 2005, , 49-59. | 1.3 | 14 |
| 18 | Solar irradiance forecasting by using wavelet based denoising. , 2014, , . | | 13 |

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| 19 | Clustering of Online Game Users Based on Their Trails Using Self-organizing Map. Lecture Notes in Computer Science, 2006, , 366-369. | 1.3 | 13 |
| 20 | Infodemiological Examination of Personal and Commercial Tweets About Cannabidiol: Term and Sentiment Analysis. Journal of Medical Internet Research, 2021, 23, e27307. | 4.3 | 13 |
| 21 | An extensible service oriented distributed data mining framework. , 0, , . | | 11 |
| 22 | User mobility oriented predictive call admission control and resource reservation for next-generation mobile networks. Journal of Parallel and Distributed Computing, 2006, 66, 971-988. | 4.1 | 11 |
| 23 | Insufflation Techniques in Gynecologic Laparoscopy. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2006, 16, 18-23. | 0.8 | 10 |
| 24 | A Weight Possibilistic Fuzzy C-Means Clustering Algorithm. Scientific Programming, 2021, 2021, 1-10. | 0.7 | 10 |
| 25 | Bias-variance tradeoff in hybrid generative-discriminative models. , 2007, , . | | 9 |
| 26 | Improving Click Fraud Detection by Real Time Data Fusion. , 2008, , . | | 9 |
| 27 | A fuzzy-based machine learning model for robot prediction of link quality. , 2016, , . | | 9 |
| 28 | Geo-Social Analytics Based on Spatio-Temporal Dynamics of Marijuana-Related Tweets. , 2017, , . | | 9 |
| 29 | Detecting Different Types of Concept Drifts with Ensemble Framework. , 2018, , . | | 9 |
| 30 | Ensemble Classifier based on Misclassified Streaming Data. , 2010, , . | | 9 |
| 31 | A Data-Driven Multi-Regime Approach for Predicting Energy Consumption. Energies, 2021, 14, 6763. | 3.1 | 9 |
| 32 | Click Fraud Prevention via multimodal evidence fusion by Dempster-Shafer theory. , 2010, , . | | 8 |
| 33 | Ensemble Classifier for Imbalanced Streaming Data Using Partial Labeling. , 2016, , . | | 8 |
| 34 | An Efficient Method of Building an Ensemble of Classifiers in Streaming Data. Lecture Notes in Computer Science, 2012, , 122-133. | 1.3 | 8 |
| 35 | Visualization of neural-network gaps based on error analysis. IEEE Transactions on Neural Networks, 1999, 10, 419-426. | 4.2 | 7 |
| 36 | An Approach for Incremental Semi-supervised SVM. , 2007, , . | | 7 |

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| 37 | An ensemble classification approach for handling spatio-temporal drifts in partially labeled data streams. , 2014, , . | | 7 |
| 38 | Monitoring Classification Blindspots to Detect Drifts from Unlabeled Data. , 2016, , . | | 7 |
| 39 | A dynamic–adversarial mining approach to the security of machine learning. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2018, 8, e1245. | 6.8 | 7 |
| 40 | A Scalable Pricing Model for Bandwidth Allocation. Electronic Commerce Research, 2005, 5, 203-227. | 5.0 | 6 |
| 41 | Efficiently Maintaining the Performance of an Ensemble Classifier in Streaming Data. Lecture Notes in Computer Science, 2012, , 533-540. | 1.3 | 6 |
| 42 | Graph building as a mining activity. , 2005, , . | | 5 |
| 43 | Click fraud prevention in pay-per-click model: Learning through multi-model evidence fusion. , 2010, , . | | 5 |
| 44 | When Good Machine Learning Leads to Bad Security. Ubiquity, 2018, 2018, 1-14. | 0.2 | 5 |
| 45 | 'Security Theater': On the Vulnerability of Classifiers to Exploratory Attacks. Lecture Notes in Computer Science, 2017, , 49-63. | 1.3 | 5 |
| 46 | MSP-CACRR: Multidimensional Sequential Patterns Based Call Admission Control and Resource Reservation for Next-Generation Wireless Cellular Networks. , 2007, , . | | 4 |
| 47 | Cracking the Smart ClickBot. , 2011, , . | | 4 |
| 48 | Smart Preprocessing Improves Data Stream Mining. , 2016, , . | | 4 |
| 49 | Improved Deep Learning Explanations for Prostate Lesion Classification through Grad-CAM and Saliency Map Fusion. , 2021, , . | | 4 |
| 50 | Evidence Fusion for Real Time Click Fraud Detection and Prevention. Lecture Notes in Electrical Engineering, 2011, , 1-14. | 0.4 | 4 |
| 51 | Retail Store Segmentation for Target Marketing. Lecture Notes in Computer Science, 2015, , 32-44. | 1.3 | 4 |
| 52 | Knowledgeable Navigation in Virtual Environments. , 2006, , 389-395. | | 4 |
| 53 | A Data Mining Approach for Call Admission Control and Resource Reservation in Wireless Mobile Networks. Lecture Notes in Computer Science, 2004, , 134-143. | 1.3 | 4 |
| 54 | Bandwidth allocation in a dynamic environment using a variable pricing policy. , 0, , . | | 3 |

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| 55 | Duplicate detection in pay-per-click streams using temporal stateful Bloom filters. International Journal of Data Analysis Techniques and Strategies, 2012, 4, 340. | 0.2 | 3 |
| 56 | Selecting samples for labeling in unbalanced streaming data environments. , 2013, , . | | 3 |
| 57 | RLS-A reduced labeled samples approach for streaming imbalanced data with concept drift. , 2014, , . | | 3 |
| 58 | A partial labeling framework for multi-class imbalanced streaming data. , 2017, , . | | 3 |
| 59 | Retail analytics: store segmentation using Rule-Based Purchasing behavior analysis. International Review of Retail, Distribution and Consumer Research, 2021, 31, 457-480. | 2.0 | 3 |
| 60 | Graphical knowledge based electronic mail system (GKBEMS). , 0, , . | | 2 |
| 61 | Logic-oriented model of artificial neural networks. Information Sciences, 1997, 101, 85-107. | 6.9 | 2 |
| 62 | Mobile data mining for radio resource management in wireless mobile networks. , 0, , . | | 2 |
| 63 | Preview of recommended routes in large-scale virtual environments. , 2006, , . | | 2 |
| 64 | Use of Simulation and Random Matrix Theory to Identify the State of Network Traffic. , 2007, , . | | 2 |
| 65 | PAC-WHN: Predictive Admission Control for Wireless Heterogeneous Networks. Proceedings - International Symposium on Computers and Communications, 2007, , . | 0.0 | 2 |
| 66 | Feature extraction using random matrix theory approach. , 2007, , . | | 2 |
| 67 | Fractal analysis of semantically distributed data. International Journal of General Systems, 2009, 38, 73-91. | 2.5 | 2 |
| 68 | ReClose: web page summarization combining summary techniques. International Journal of Web Information Systems, 2011, 7, 333-359. | 2.4 | 2 |
| 69 | Heuristic ensemble for unsupervised detection of multiple types of concept drift in data stream classification. Intelligent Decision Technologies, 2022, 15, 609-622. | 0.9 | 2 |
| 70 | Expectation-maximization framework for rock textures segmentation. , 0, , . | | 1 |
| 71 | Route Previews: Enhancing the Route Selection. , 0, , . | | 1 |
| 72 | Selection of Distributed Sensors for Multiple Time Series Prediction. , 2006, , . | | 1 |

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| 73 | A predictive handoff scheme for multi-hop heterogeneous wireless networks. , 2008, , . | | 1 |
| 74 | Prediction of cooperative platooning maneuvers using NARX neural network. , 2016, , . | | 1 |
| 75 | Introduction to Streaming Data Analytics and Applications Minitrack. , 2016, , . | | 1 |
| 76 | Twitter Query Expansion via Word2Vec-Urban Dictionary Model. , 2018, , . | | 1 |
| 77 | Hybrid Automaton Based Vehicle Platoon Modelling and Cooperation Behaviour Profile Prediction. Tehnicki Vjesnik, 2018, 25, . | 0.2 | 1 |
| 78 | Sloppiness mitigation in crowdsourcing: detecting and correcting bias for crowd scoring tasks. International Journal of Data Science and Analytics, 2019, 7, 179-199. | 4.1 | 1 |
| 79 | Sequential Pattern Mining Method for Predictive Maintenance of Large Mining Trucks. Communications in Computer and Information Science, 2021, , 126-136. | 0.5 | 1 |
| 80 | The Inference Engine In The DIP-E Development Tool For Expert Systems. , 1987, , . | | 0 |
| 81 | A large software project—lessons learned. Annual Review in Automatic Programming, 1988, 14, 37-40. | 0.2 | 0 |
| 82 | CAD in technical security: A knowledge-based approach. Expert Systems With Applications, 1992, 4, 63-68. | 7.6 | 0 |
| 83 | <title>Building intelligence in third-generation training and battle simulations</title>. , 2003, , . | | 0 |
| 84 | Selection of Distributed Sensors for Multiple Time Series Prediction. , 0, , . | | 0 |
| 85 | The locality of RBF-SVM for incremental learning. , 2009, , . | | 0 |
| 86 | Local properties of RBF-SVM during training for incremental learning. , 2009, , . | | 0 |
| 87 | Efficient Approximate Semi-supervised Support Vector Machines through Submodular Optimization. , 2011, , . | | 0 |
| 88 | New hierarchical model using SOM improves accuracy of classifiers for multiclass data sets. , 2011, , . | | 0 |
| 89 | Classification and Analysis of Personal and Commercial CBD Tweets. Communications in Computer and Information Science, 2021, , 139-150. | 0.5 | 0 |
| 90 | Personalized Previews of Alternative Routes in Virtual Environments. Lecture Notes in Computer Science, 2007, , 167-176. | 1.3 | 0 |

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| 91 | Spatial Navigation Assistance System for Large Virtual Environments. , 0, , 265-283. | | 0 |