

Seiichi Ozawa

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,099
citations

777949

13
h-index

488211

31
g-index

89
all docs

89
docs citations

89
times ranked

895
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Detecting Web-Based Attacks with SHAP and Tree Ensemble Machine Learning Methods. Applied Sciences (Switzerland), 2022, 12, 60. | 1.3 | 2 |
| 2 | eFL-Boost: Efficient Federated Learning for Gradient Boosting Decision Trees. IEEE Access, 2022, 10, 43954-43963. | 2.6 | 12 |
| 3 | Frequency-Based Enhancement Network for Efficient Super-Resolution. IEEE Access, 2022, 10, 57383-57397. | 2.6 | 5 |
| 4 | Logo Detection With No Priors. IEEE Access, 2021, 9, 106998-107011. | 2.6 | 5 |
| 5 | An Easily Installed Method of the Estimation of Soybean Yield Based on Meteorological Environments with Regression Analysis. Engineering Proceedings, 2021, 9, 26. | 0.4 | 1 |
| 6 | A study of IoT malware activities using association rule learning for darknet sensor data. International Journal of Information Security, 2020, 19, 83-92. | 2.3 | 25 |
| 7 | Deobfuscation, unpacking, and decoding of obfuscated malicious JavaScript for machine learning models detection performance improvement. CAAI Transactions on Intelligence Technology, 2020, 5, 184-192. | 3.4 | 38 |
| 8 | Personality Trait Analysis in Social Networks Based on Weakly Supervised Learning of Shared Images. Applied Sciences (Switzerland), 2020, 10, 8170. | 1.3 | 2 |
| 9 | New Approaches to Federated XGBoost Learning for Privacy-Preserving Data Analysis. Lecture Notes in Computer Science, 2020, , 558-569. | 1.0 | 8 |
| 10 | Port-Piece Embedding for Darknet Traffic Features and Clustering of Scan Attacks. Lecture Notes in Computer Science, 2020, , 593-603. | 1.0 | 1 |
| 11 | A machine learning approach to detection of JavaScript-based attacks using AST features and paragraph vectors. Applied Soft Computing Journal, 2019, 84, 105721. | 4.1 | 49 |
| 12 | Large-scale cyber attacks monitoring using Evolving Cauchy Possibilistic Clustering. Applied Soft Computing Journal, 2018, 62, 592-601. | 4.1 | 25 |
| 13 | A Darknet Traffic Analysis for IoT Malwares Using Association Rule Learning. Procedia Computer Science, 2018, 144, 118-123. | 1.2 | 14 |
| 14 | Multidimensional Unfolding Based on Stochastic Neighbor Relationship. , 2017, , . | | 1 |
| 15 | t-Distributed stochastic neighbor embedding spectral clustering. , 2017, , . | | 16 |
| 16 | Evolving cauchy possibilistic clustering and its application to large-scale cyberattack monitoring. , 2017, , . | | 4 |
| 17 | A sentiment polarity prediction model using transfer learning and its application to SNS flaming event detection. , 2016, , . | | 5 |
| 18 | Stochastic collapsed variational Bayesian inference for biterm topic model. , 2016, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A fast online learning algorithm of radial basis function network with locality sensitive hashing. <i>Evolving Systems</i> , 2016, 7, 173-186. | 2.4 | 1 |
| 20 | Online feature extraction based on accelerated kernel principal component analysis for data stream. <i>Evolving Systems</i> , 2016, 7, 15-27. | 2.4 | 61 |
| 21 | Improving the Accuracy of Sentiment Analysis of SNS Comments Using Transfer Learning and Its Application to Flaming Detection. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2016, 136, 340-347. | 0.1 | 3 |
| 22 | Large-Scale Monitoring for Cyber Attacks by Using Cluster Information on Darknet Traffic Features. <i>Procedia Computer Science</i> , 2015, 53, 175-182. | 1.2 | 8 |
| 23 | An autonomous online malicious spam email detection system using extended RBF network. , 2015, , . | | 3 |
| 24 | Detection of DDoS Backscatter Based on Traffic Features of Darknet TCP Packets. , 2014, , . | | 11 |
| 25 | A fast Incremental Kernel Principal Component Analysis for data streams. , 2014, , . | | 0 |
| 26 | Sentiment analysis for various SNS media using Naïve Bayes classifier and its application to flaming detection. , 2014, , . | | 14 |
| 27 | Incremental two-dimensional kernel principal component analysis. <i>Neurocomputing</i> , 2014, 134, 280-288. | 3.5 | 28 |
| 28 | An improvement of incremental recursive fisher linear discriminant for online feature extraction. <i>Electronics and Communications in Japan</i> , 2013, 96, 29-40. | 0.3 | 5 |
| 29 | A robust incremental principal component analysis for feature extraction from stream data with missing values. , 2013, , . | | 3 |
| 30 | A Neural Network Model for Online Multi-Task Multi-Label Pattern Recognition. <i>Lecture Notes in Computer Science</i> , 2013, , 162-169. | 1.0 | 3 |
| 31 | A Neural Network Model for Large-Scale Stream Data Learning Using Locally Sensitive Hashing. <i>Lecture Notes in Computer Science</i> , 2013, , 369-376. | 1.0 | 5 |
| 32 | A Sequential Multi-task Learning Neural Network with Metric-Based Knowledge Transfer. , 2012, , . | | 5 |
| 33 | A property of learning chunk data using incremental kernel principal component analysis. , 2012, , . | | 3 |
| 34 | A sequential multitask learning algorithm for pattern recognition. , 2012, , . | | 1 |
| 35 | Extension of Incremental Linear Discriminant Analysis to Online Feature Extraction under Nonstationary Environments. <i>Lecture Notes in Computer Science</i> , 2012, , 640-647. | 1.0 | 5 |
| 36 | Online Feature Extraction Algorithms for Data Streams. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2012, 132, 6-13. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A Neural Network Model for Learning Data Stream with Multiple Class Labels. , 2011, , . | | 2 |
| 38 | Incremental recursive fisher linear discriminant for online feature extraction. , 2011, , . | | 0 |
| 39 | Incremental two-dimensional two-directional principal component analysis (I(2D) ² PCA) for face recognition. , 2011, , . | | 14 |
| 40 | Radial Basis Function Network for Multitask Pattern Recognition. Neural Processing Letters, 2011, 33, 283-299. | 2.0 | 4 |
| 41 | A real-time personal authentication system based on incremental feature extraction and classification of audiovisual information. Evolving Systems, 2011, 2, 261-272. | 2.4 | 6 |
| 42 | Guest editorial: Evolving autonomous systems under realistic environments. Evolving Systems, 2011, 2, 215-217. | 2.4 | 0 |
| 43 | A fast incremental Kernel Principal Component Analysis for learning stream of data chunks. , 2011, , . | | 5 |
| 44 | Incremental 2-directional 2-dimensional linear discriminant analysis for multitask pattern recognition. , 2011, , . | | 1 |
| 45 | An Improvement of Incremental Recursive Fisher Linear Discriminant for Online Feature Extraction. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1368-1376. | 0.1 | 1 |
| 46 | Incremental linear discriminant analysis for evolving feature spaces in multitask pattern recognition problems. Evolving Systems, 2010, 1, 17-27. | 2.4 | 28 |
| 47 | An autonomous incremental learning algorithm of Resource Allocating Network for online pattern recognition. , 2010, , . | | 2 |
| 48 | A Fast Incremental Kernel Principal Component Analysis for Online Feature Extraction. Lecture Notes in Computer Science, 2010, , 487-497. | 1.0 | 9 |
| 49 | A Fast Incremental Learning for Radial Basis Function Networks Using Local Linear Regression. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 1667-1673. | 0.1 | 2 |
| 50 | A Real-Time Personal Authentication System with Selective Attention and Incremental Learning Mechanism in Feature Extraction and Classifier. Lecture Notes in Computer Science, 2010, , 445-455. | 1.0 | 0 |
| 51 | A Neural Network Model to Learn Multiple Tasks under Dynamic Environments. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 21-28. | 0.1 | 0 |
| 52 | Curiosity driven incremental LDA agent active learning. , 2009, , . | | 1 |
| 53 | A Multitask Learning Model for Online Pattern Recognition. IEEE Transactions on Neural Networks, 2009, 20, 430-445. | 4.8 | 51 |
| 54 | An incremental learning algorithm of Recursive Fisher Linear Discriminant. , 2009, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | A reinforcement learning model using macro-actions in multi-task grid-world problems. , 2009, , . | | 0 |
| 56 | Adaptive incremental principal component analysis in nonstationary online learning environments. , 2009, , . | | 1 |
| 57 | Tuning membership functions of kernel fuzzy classifiers by maximizing margins. Memetic Computing, 2009, 1, 221-228. | 2.7 | 7 |
| 58 | An Autonomous Learning Algorithm of Resource Allocating Network. Lecture Notes in Computer Science, 2009, , 134-141. | 1.0 | 3 |
| 59 | An Incremental Learning Algorithm for Resource Allocating Networks Based on Local Linear Regression. Lecture Notes in Computer Science, 2009, , 562-569. | 1.0 | 1 |
| 60 | Incremental Principal Component Analysis Based on Adaptive Accumulation Ratio. Lecture Notes in Computer Science, 2009, , 1196-1203. | 1.0 | 1 |
| 61 | A Reinforcement Learning Model with Function of Generating Macro-Actions in Grid-World Maze Problems and a Study on its Learning Property. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 735-743. | 0.1 | 0 |
| 62 | An Incremental Principal Component Analysis based on dynamic accumulation ratio. , 2008, , . | | 0 |
| 63 | Incremental Learning for Multitask Pattern Recognition Problems. , 2008, , . | | 3 |
| 64 | Incremental Learning of Chunk Data for Online Pattern Classification Systems. IEEE Transactions on Neural Networks, 2008, 19, 1061-1074. | 4.8 | 106 |
| 65 | An online face recognition system with incremental learning ability. , 2007, , . | | 0 |
| 66 | Boosting Kernel Discriminant Analysis for pattern classification. , 2007, , . | | 0 |
| 67 | An Efficient Incremental Kernel Principal Component Analysis for Online Feature Selection. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 14 |
| 68 | Feature extraction by supervised independent component analysis based on category information. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2007, 161, 25-32. | 0.2 | 1 |
| 69 | Adaptive Face Recognition System Using Fast Incremental Principal Component Analysis. Lecture Notes in Computer Science, 2007, , 396-405. | 1.0 | 2 |
| 70 | Feature Extraction by Supervised Independent Component Analysis Based on Category Information. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 542-547. | 0.1 | 0 |
| 71 | Incremental learning of feature space and classifier for face recognition. Neural Networks, 2005, 18, 575-584. | 3.3 | 103 |
| 72 | Feature Extraction Using Independent Components of Each Category. Neural Processing Letters, 2005, 22, 113-124. | 2.0 | 6 |

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|----|---|-----|-----------|
| 73 | Incremental Linear Discriminant Analysis for Classification of Data Streams. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 905-914. | 5.5 | 279 |
| 74 | Pattern Recognition Method Using Independent Components for Each Class. IEEJ Transactions on Electronics, Information and Systems, 2005, 125, 807-812. | 0.1 | 0 |
| 75 | Detection of gas leakage sound using modular neural networks for unknown environments. Neurocomputing, 2004, 62, 427-440. | 3.5 | 7 |
| 76 | A Modified Incremental Principal Component Analysis for On-Line Learning of Feature Space and Classifier. Lecture Notes in Computer Science, 2004, , 231-240. | 1.0 | 19 |
| 77 | Feature Extraction of Digit Patterns Utilizing Independent Component Analysis. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 465-470. | 0.1 | 4 |
| 78 | Incremental Learning Algorithm for Feedforward Neural Network with Long-Term Memory. Transactions of the Society of Instrument and Control Engineers, 2002, 38, 792-799. | 0.1 | 2 |
| 79 | Performance Improvement fo Dynamical Associative Memories by Solving Linear Inequalities. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 899-905. | 0.1 | 0 |
| 80 | Redundancy Reduction of Features by Independent Component Analysis. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2001, 2001, 253-258. | 0.1 | 0 |
| 81 | Signal Processing of Speech Using Independent Component Analysis Based on Information Maximization Algorithm. Transactions of the Society of Instrument and Control Engineers, 2000, 36, 456-458. | 0.1 | 4 |
| 82 | An Architecture Design Method of Modular Dynamical Neural Networks Using Genetic Algorithms. Transactions of the Society of Instrument and Control Engineers, 2000, 36, 298-305. | 0.1 | 0 |
| 83 | Acoustic Diagnosis with Modular Neural Networks to Adapt Dynamic Environment. Transactions of the Society of Instrument and Control Engineers, 2000, 36, 797-803. | 0.1 | 2 |
| 84 | A Continuous-Time Model of Autoassociative Neural Memories Utilizing the Noise-Subspace Dynamics. Neural Processing Letters, 1999, 10, 97-109. | 2.0 | 3 |
| 85 | An associative memory model derived from cross-coupled Hopfield nets and its role in noise-space dynamics. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 1998, 125, 27-34. | 0.2 | 1 |
| 86 | An artificial modular neural network and its basic dynamical characteristics. Biological Cybernetics, 1998, 78, 19-36. | 0.6 | 11 |
| 87 | An Associative Memory Modell Derived from Cross-Coupled Hopfield Nets and The Roll of Noise-Space Dynamics. IEEJ Transactions on Electronics, Information and Systems, 1997, 117, 1253-1258. | 0.1 | 0 |
| 88 | Neural Network Approaches to Robot Control. Journal of the Robotics Society of Japan, 1993, 11, 44-48. | 0.0 | 0 |