Seiichi Ozawa

List of Publications by Year
in descending order

88 papers	1,099 citations	687363 13 h-index	434195 31 g-index
89 all docs	89 docs citations	89 times ranked	795 citing authors

#	Article	IF	Citations
1	Detecting Web-Based Attacks with SHAP and Tree Ensemble Machine Learning Methods. Applied Sciences (Switzerland), 2022, 12, 60.	2.5	2
2	eFL-Boost: Efficient Federated Learning for Gradient Boosting Decision Trees. IEEE Access, 2022, 10, 43954-43963.	4.2	12
3	Frequency-Based Enhancement Network for Efficient Super-Resolution. IEEE Access, 2022, 10, 57383-57397.	4.2	5
4	Logo Detection With No Priors. IEEE Access, 2021, 9, 106998-107011.	4.2	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.	3.4	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.	8.1	38
8	Personality Trait Analysis in Social Networks Based on Weakly Supervised Learning of Shared Images. Applied Sciences (Switzerland), 2020, 10, 8170.	2.5	2
9	New Approaches to Federated XGBoost Learning for Privacy-Preserving Data Analysis. Lecture Notes in Computer Science, 2020, , 558-569.	1.3	8
10	Port-Piece Embedding for Darknet Traffic Features and Clustering of Scan Attacks. Lecture Notes in Computer Science, 2020, , 593-603.	1.3	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.	7.2	49
12	Large-scale cyber attacks monitoring using Evolving Cauchy Possibilistic Clustering. Applied Soft Computing Journal, 2018, 62, 592-601.	7.2	25
13	A Darknet Traffic Analysis for IoT Malwares Using Association Rule Learning. Procedia Computer Science, 2018, 144, 118-123.	2.0	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. Evolving Systems, 2016, 7, 173-186.	3.9	1
20	Online feature extraction based on accelerated kernel principal component analysis for data stream. Evolving Systems, 2016, 7, 15-27.	3.9	61
21	Improving the Accuracy of Sentiment Analysis of SNS Comments Using Transfer Learning and Its Application to Flaming Detection. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 340-347.	0.2	3
22	Large-Scale Monitoring for Cyber Attacks by Using Cluster Information on Darknet Traffic Features. Procedia Computer Science, 2015, 53, 175-182.	2.0	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 Na&#x00EF;ve Bayes classifier and its application to flaming detection. , 2014, , .		14
27	Incremental two-dimensional kernel principal component analysis. Neurocomputing, 2014, 134, 280-288.	5.9	28
28	An improvement of incremental recursive fisher linear discriminant for online feature extraction. Electronics and Communications in Japan, 2013, 96, 29-40.	0.5	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. Lecture Notes in Computer Science, 2013, , 162-169.	1.3	3
31	A Neural Network Model for Large-Scale Stream Data Learning Using Locally Sensitive Hashing. Lecture Notes in Computer Science, 2013, , 369-376.	1.3	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. Lecture Notes in Computer Science, 2012, , 640-647.	1.3	5
36	Online Feature Extraction Algorithms for Data Streams. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 6-13.	0.2	0

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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.	3.2	4
41	A real-time personal authentication system based on incremental feature extraction and classification of audiovisual information. Evolving Systems, 2011, 2, 261-272.	3.9	6
42	Guest editorial: Evolving autonomous systems under realistic environments. Evolving Systems, 2011, 2, 215-217.	3.9	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.	0.2	1
46	Incremental linear discriminant analysis for evolving feature spaces in multitask pattern recognition problems. Evolving Systems, 2010, 1, 17-27.	3.9	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.	1.3	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.	0.2	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.	1.3	0
51	A Neural Network Model to Learn Multiple Tasks under Dynamic Environments. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 21-28.	0.2	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.	4.2	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.	4.0	7
58	An Autonomous Learning Algorithm of Resource Allocating Network. Lecture Notes in Computer Science, 2009, , 134-141.	1.3	3
59	An Incremental Learning Algorithm for Resource Allocating Networks Based on Local Linear Regression. Lecture Notes in Computer Science, 2009, , 562-569.	1.3	1
60	Incremental Principal Component Analysis Based on Adaptive Accumulation Ratio. Lecture Notes in Computer Science, 2009, , 1196-1203.	1.3	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.	0.2	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.	4.2	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.	0.4	1
69	Adaptive Face Recognition System Using Fast Incremental Principal Component Analysis. Lecture Notes in Computer Science, 2007, , 396-405.	1.3	2
70	Feature Extraction by Supervised Independent Component Analysis Based on Category Information. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 542-547.	0.2	0
71	Incremental learning of feature space and classifier for face recognition. Neural Networks, 2005, 18, 575-584.	5.9	103
72	Feature Extraction Using Independent Components of Each Category. Neural Processing Letters, 2005, 22, 113-124.	3.2	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.	5.0	279
74	Pattern Recognition Method Using Independent Components for Each Class. IEEJ Transactions on Electronics, Information and Systems, 2005, 125, 807-812.	0.2	0
75	Detection of gas leakage sound using modular neural networks for unknown environments. Neurocomputing, 2004, 62, 427-440.	5.9	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.	1.3	19
77	Feature Extraction of Digit Patterns Utilizing Independent Component Analysis. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 465-470.	0.2	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.	0.2	2
79	Performance Improvement fo Dynamical Associative Memories by Solving Linear Inequalities. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 899-905.	0.2	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.	0.2	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.	0.2	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.	0.2	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.	0.2	2
84	A Continuous-Time Model of Autoassociative Neural Memories Utilizing the Noise-Subspace Dynamics. Neural Processing Letters, 1999, 10, 97-109.	3.2	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.	0.4	1
86	An artificial modular neural network and its basic dynamical characteristics. Biological Cybernetics, 1998, 78, 19-36.	1.3	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.	0.2	0
88	Neural Network Approaches to Robot Control. Journal of the Robotics Society of Japan, 1993, 11, 44-48.	0.1	0