Kenji Yamanishi

List of Publications by Year
in descending order

65 papers	**952** citations	687363 **13** h-index	501196 **28** g-index
65 all docs	**65** docs citations	**65** times ranked	**725** citing authors

#	Article	IF	Citations
1	Graph Summarization with Latent Variable Probabilistic Models. Studies in Computational Intelligence, 2022, , 428-440.	0.9	3
2	Deep learning model to predict visual field in central 10° from optical coherence tomography measurement in glaucoma. British Journal of Ophthalmology, 2021, 105, 507-513.	3.9	32
3	MixSp: A Framework for Embedding Heterogeneous Information Networks With Arbitrary Number of Node and Edge Types. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2627-2639.	5.7	2
4	Improving Visual Field Trend Analysis with OCT and Deeply Regularized Latent-Space Linear Regression. Ophthalmology Glaucoma, 2021, 4, 78-88.	1.9	3
5	Multi-label learning with missing and completely unobserved labels. Data Mining and Knowledge Discovery, 2021, 35, 1061-1086.	3.7	15
6	Word2vec Skip-Gram Dimensionality Selection via Sequential Normalized Maximum Likelihood. Entropy, 2021, 23, 997.	2.2	13
7	PAMI: A Computational Module for Joint Estimation and Progression Prediction of Glaucoma. , 2021, , .		2
8	Fourier-Analysis-Based Form of Normalized Maximum Likelihood: Exact Formula and Relation to Complex Bayesian Prior. IEEE Transactions on Information Theory, 2021, 67, 6164-6178.	2.4	2
9	A Joint Multitask Learning Model for Cross-sectional and Longitudinal Predictions of Visual Field Using OCT. Ophthalmology Science, 2021, 1, 100055.	2.5	7
10	Change sign detection with differential MDL change statistics and its applications to COVID-19 pandemic analysis. Scientific Reports, 2021, 11, 19795.	3.3	6
11	Predicting 10-2 Visual Field From Optical Coherence Tomography in Glaucoma Using Deep Learning Corrected With 24-2/30-2 Visual Field. Translational Vision Science and Technology, 2021, 10, 28.	2.2	10
12	Summarizing Finite Mixture Model with Overlapping Quantification. Entropy, 2021, 23, 1503.	2.2	4
13	Detecting Gradual Structure Changes of Non-parametric Distributions via Kernel Complexity. , 2021, , .		1
14	Grafting for combinatorial binary model using frequent itemset mining. Data Mining and Knowledge Discovery, 2020, 34, 101-123.	3.7	3
15	Long-tailed distributions of inter-event times as mixtures of exponential distributions. Royal Society Open Science, 2020, 7, 191643.	2.4	11
16	Predicting the Glaucomatous Central 10-Degree Visual Field From Optical Coherence Tomography Using Deep Learning and Tensor Regression. American Journal of Ophthalmology, 2020, 218, 304-313.	3.3	19
17	Discovering Latent Class Labels for Multi-Label Learning. , 2020, , .		3
18	Detecting Hierarchical Changes in Latent Variable Models. , 2020, , .		3

#	Article	IF	Citations
19	Model Selection for Non-Negative Tensor Factorization with Minimum Description Length. Entropy, 2019, 21, 632.	2.2	3
20	Glaucoma Progression Prediction Using Retinal Thickness via Latent Space Linear Regression. , 2019, , .		7
21	Modern MDL meets Data Mining Insights, Theory, and Practice. , 2019, , .		1
22	Correction to Efficient Computation of Normalized Maximum Likelihood Codes for Gaussian Mixture Models With Its Applications to Clustering [Nov 13 7718-7727]. IEEE Transactions on Information Theory, 2019, 65, 6827-6828.	2.4	8
23	The decomposed normalized maximum likelihood code-length criterion for selecting hierarchical latent variable models. Data Mining and Knowledge Discovery, 2019, 33, 1017-1058.	3.7	17
24	Orderly Subspace Clustering. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 5264-5272.	4.9	2
25	Detecting Model Changes and their Early Warning Signals Using MDL Change Statistics. , 2019, , .		4
26	Detecting Metachanges in Data Streams from the Viewpoint of the MDL Principle. Entropy, 2019, 21, 1134.	2.2	3
27	Attributed Subspace Clustering. , 2019, , .		2
28	A basket two-part model to analyze medical expenditure on interdependent multiple sectors. Statistical Methods in Medical Research, 2018, 27, 1585-1600.	1.5	2
29	Detecting Latent Structure Uncertainty with Structural Entropy. , 2018, , .		9
30	Exact Calculation of Normalized Maximum Likelihood Code Length Using Fourier Analysis. , 2018, , .		3
31	Traffic Risk Mining From Heterogeneous Road Statistics. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3662-3675.	8.0	6
32	High-dimensional penalty selection via minimum description length principle. Machine Learning, 2018, 107, 1283-1302.	5.4	3
33	Model Change Detection With the MDL Principle. IEEE Transactions on Information Theory, 2018, 64, 6115-6126.	2.4	15
34	Detection of Longitudinal Visual Field Progression in Glaucoma Using Machine Learning. American Journal of Ophthalmology, 2018, 193, 71-79.	3.3	84
35	Online detection of continuous changes in stochastic processes. International Journal of Data Science and Analytics, 2017, 3, 213-229.	4.1	10
36	Detecting changes in streaming data with information-theoretic windowing. , 2017, , .		5

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37	Discovering potential traffic risks in Japan using a supervised learning approach. , 2017, , .		0
38	Latent Dimensionality Estimation for Probabilistic Canonical Correlation Analysis Using Normalized Maximum Likelihood Code-Length. , 2017, , .		0
39	Decomposed Normalized Maximum Likelihood Codelength Criterion for Selecting Hierarchical Latent Variable Models. , 2017, , .		9
40	Progress on Minimum Description Length Principle: From Basis to Advanced Topics. Ieice Ess Fundamentals Review, 2017, 10, 186-194.	0.1	0
41	Detecting gradual changes from data stream using MDL-change statistics. , 2016, , .		13
42	Structure Selection for Convolutive Non-negative Matrix Factorization Using Normalized Maximum Likelihood Coding. , 2016, , .		2
43	Temporal Network Change Detection Using Network Centralities. , 2016, , .		2
44	Traffic Risk Mining Using Partially Ordered Non-Negative Matrix Factorization. , 2016, , .		3
45	Web Behavior Analysis Using Sparse Non-Negative Matrix Factorization. , 2016, , .		4
46	Rank Selection for Non-negative Matrix Factorization with Normalized Maximum Likelihood Coding. , 2016, , .		11
47	Predicting disease progression from short biomarker series using expert advice algorithm. Scientific Reports, 2015, 5, 8953.	3.3	15
48	Traffic risk mining from heterogeneous road statistics. , 2015, , .		5
49	On-line detection of continuous changes in stochastic processes. , 2015, , .		2
50	Early detection of persistent topics in social networks. Social Network Analysis and Mining, 2015, 5, 1.	2.8	0
51	Sequential network change detection with its applications to ad impact relation analysis. Data Mining and Knowledge Discovery, 2015, 29, 137-167.	3.7	10
52	Data Fusion Using Restricted Boltzmann Machines. , 2014, , .		3
53	Efficient Computation of Normalized Maximum Likelihood Codes for Gaussian Mixture Models With Its Applications to Clustering. IEEE Transactions on Information Theory, 2013, 59, 7718-7727.	2.4	33
54	An NML-based model selection criterion for general relational data modeling. , 2013, , .		6

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55	Sequential Network Change Detection with Its Applications to Ad Impact Relation Analysis. , 2012, , .		4
56	Efficient computation of normalized maximum likelihood coding for Gaussian mixtures with its applications to optimal clustering. , 2011, , .		12
57	Dynamic Model Selection With its Applications to Novelty Detection. IEEE Transactions on Information Theory, 2007, 53, 2180-2189.	2.4	29
58	On-Line Unsupervised Outlier Detection Using Finite Mixtures with Discounting Learning Algorithms. Data Mining and Knowledge Discovery, 2004, 8, 275-300.	3.7	323
59	Topic analysis using a finite mixture model. Information Processing and Management, 2003, 39, 521-541.	8.6	35
60	Text classification using ESC-based stochastic decision lists. Information Processing and Management, 2002, 38, 343-361.	8.6	17
61	Distributed Cooperative Bayesian Learning Strategies. Information and Computation, 1999, 150, 22-56.	0.7	10
62	On-Line Maximum Likelihood Prediction with Respect to General Loss Functions. Journal of Computer and System Sciences, 1997, 55, 105-118.	1.2	3
63	Probably almost discriminative learning. Machine Learning, 1995, 18, 23-50.	5.4	8
64	A learning criterion for stochastic rules. Machine Learning, 1992, 9, 165-203.	5.4	54
65	A Learning Criterion for Stochastic Rules. Machine Learning, 1992, 9, 165-203.	5.4	16