

Samuel Kaski

List of Publications by Year in descending order

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Version: 2024-02-01

198
papers

5,705
citations

101384

36
h-index

114278

63
g-index

209
all docs

209
docs citations

209
times ranked

6590
citing authors

#	ARTICLE	IF	CITATIONS
1	A community effort to assess and improve drug sensitivity prediction algorithms. <i>Nature Biotechnology</i> , 2014, 32, 1202-1212.	9.4	653
2	WEBSOM – Self-organizing maps of document collections. <i>Neurocomputing</i> , 1998, 21, 101-117.	3.5	310
3	Local multidimensional scaling. <i>Neural Networks</i> , 2006, 19, 889-899.	3.3	169
4	Analysis and visualization of gene expression data using Self-Organizing Maps. <i>Neural Networks</i> , 2002, 15, 953-966.	3.3	139
5	Self-Organized Formation of Various Invariant-Feature Filters in the Adaptive-Subspace SOM. <i>Neural Computation</i> , 1997, 9, 1321-1344.	1.3	129
6	Mining massive document collections by the WEBSOM method. <i>Information Sciences</i> , 2004, 163, 135-156.	4.0	125
7	Winner-take-all networks for physiological models of competitive learning. <i>Neural Networks</i> , 1994, 7, 973-984.	3.3	119
8	Fundamentals and Recent Developments in Approximate Bayesian Computation. <i>Systematic Biology</i> , 2017, 66, syw077.	2.7	115
9	Integrative and Personalized QSAR Analysis in Cancer by Kernelized Bayesian Matrix Factorization. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2347-2359.	2.5	101
10	Interactive intent modeling. <i>Communications of the ACM</i> , 2015, 58, 86-92.	3.3	99
11	A transcriptomics data-driven gene space accurately predicts liver cytopathology and drug-induced liver injury. <i>Nature Communications</i> , 2017, 8, 15932.	5.8	99
12	Trustworthiness and metrics in visualizing similarity of gene expression. <i>BMC Bioinformatics</i> , 2003, 4, 48.	1.2	97
13	Drug response prediction by inferring pathway-response associations with kernelized Bayesian matrix factorization. <i>Bioinformatics</i> , 2016, 32, i455-i463.	1.8	87
14	Comparing self-organizing maps. <i>Lecture Notes in Computer Science</i> , 1996, , 809-814.	1.0	81
15	Directing exploratory search. , 2013, , .		80
16	Clustering Based on Conditional Distributions in an Auxiliary Space. <i>Neural Computation</i> , 2002, 14, 217-239.	1.3	77
17	Websom for Textual Data Mining. <i>Artificial Intelligence Review</i> , 1999, 13, 345-364.	9.7	74
18	Metabolic Regulation in Progression to Autoimmune Diabetes. <i>PLoS Computational Biology</i> , 2011, 7, e1002257.	1.5	74

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19	Crowdsourced assessment of common genetic contribution to predicting anti-TNF treatment response in rheumatoid arthritis. <i>Nature Communications</i> , 2016, 7, 12460.	5.8	73
20	Gene expression profiles in asbestos-exposed epithelial and mesothelial lung cell lines. <i>BMC Genomics</i> , 2007, 8, 62.	1.2	72
21	Group Factor Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 2136-2147.	7.2	72
22	Predicting term-relevance from brain signals. , 2014, , .		61
23	Self organization of a massive text document collection. , 1999, , 171-182.		59
24	Directing exploratory search with interactive intent modeling. , 2013, , .		58
25	Combined use of expression and CGH arrays pinpoints novel candidate genes in Ewing sarcoma family of tumors. <i>BMC Cancer</i> , 2009, 9, 17.	1.1	57
26	An augmented reality interface to contextual information. <i>Virtual Reality</i> , 2011, 15, 161-173.	4.1	56
27	Gender-dependent progression of systemic metabolic states in early childhood. <i>Molecular Systems Biology</i> , 2008, 4, 197.	3.2	54
28	Combining eye movements and collaborative filtering for proactive information retrieval. , 2005, , .		47
29	Very large two-level SOM for the browsing of newsgroups. <i>Lecture Notes in Computer Science</i> , 1996, , 269-274.	1.0	46
30	Kernelized Bayesian Matrix Factorization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014, 36, 2047-2060.	9.7	45
31	Block HSIC Lasso: model-free biomarker detection for ultra-high dimensional data. <i>Bioinformatics</i> , 2019, 35, i427-i435.	1.8	44
32	Can eyes reveal interest? Implicit queries from gaze patterns. <i>User Modeling and User-Adapted Interaction</i> , 2009, 19, 307-339.	2.9	43
33	Improving drug response prediction by integrating multiple data sources: matrix factorization, kernel and network-based approaches. <i>Briefings in Bioinformatics</i> , 2021, 22, 346-359.	3.2	43
34	Interactive Intent Modeling for Exploratory Search. <i>ACM Transactions on Information Systems</i> , 2018, 36, 1-46.	3.8	42
35	Probabilistic retrieval and visualization of biologically relevant microarray experiments. <i>Bioinformatics</i> , 2009, 25, i145-i153.	1.8	41
36	Dimensionality Reduction for Data Visualization [Applications Corner]. <i>IEEE Signal Processing Magazine</i> , 2011, 28, 100-104.	4.6	41

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37	Likelihood-free inference via classification. <i>Statistics and Computing</i> , 2018, 28, 411-425.	0.8	41
38	Modelling G \bar{A} -E with historical weather information improves genomic prediction in new environments. <i>Bioinformatics</i> , 2019, 35, 4045-4052.	1.8	40
39	Towards brain-activity-controlled information retrieval: Decoding image relevance from MEC signals. <i>NeuroImage</i> , 2015, 112, 288-298.	2.1	39
40	Multivariate multi-way analysis of multi-source data. <i>Bioinformatics</i> , 2010, 26, i391-i398.	1.8	38
41	Multi-view kernel completion. <i>Machine Learning</i> , 2017, 106, 713-739.	3.4	38
42	Improved learning of Riemannian metrics for exploratory analysis. <i>Neural Networks</i> , 2004, 17, 1087-1100.	3.3	37
43	Discriminative clustering. <i>Neurocomputing</i> , 2005, 69, 18-41.	3.5	36
44	Discriminative Components of Data. <i>IEEE Transactions on Neural Networks</i> , 2005, 16, 68-83.	4.8	36
45	GaZIR. , 2009, , .		35
46	Parameter Inference for Computational Cognitive Models with Approximate Bayesian Computation. <i>Cognitive Science</i> , 2019, 43, e12738.	0.8	34
47	Identification of structural features in chemicals associated with cancer drug response: a systematic data-driven analysis. <i>Bioinformatics</i> , 2014, 30, i497-i504.	1.8	33
48	High Density Lipoprotein Structural Changes and Drug Response in Lipidomic Profiles following the Long-Term Fenofibrate Therapy in the FIELD Substudy. <i>PLoS ONE</i> , 2011, 6, e23589.	1.1	33
49	Methods for estimating human endogenous retrovirus activities from EST databases. <i>BMC Bioinformatics</i> , 2007, 8, S11.	1.2	31
50	Probabilistic drug connectivity mapping. <i>BMC Bioinformatics</i> , 2014, 15, 113.	1.2	31
51	Natural brain-information interfaces: Recommending information by relevance inferred from human brain signals. <i>Scientific Reports</i> , 2016, 6, 38580.	1.6	31
52	Comparison of Visualization Methods for an Atlas of Gene Expression Data Sets. <i>Information Visualization</i> , 2007, 6, 139-154.	1.2	29
53	Probabilistic Analysis of Probe Reliability in Differential Gene Expression Studies with Short Oligonucleotide Arrays. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2011, 8, 217-225.	1.9	29
54	Identifying fragments of natural speech from the listener's MEC signals. <i>Human Brain Mapping</i> , 2013, 34, 1477-1489.	1.9	29

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55	Exploration and retrieval of whole-metagenome sequencing samples. <i>Bioinformatics</i> , 2014, 30, 2471-2479.	1.8	29
56	Toward the Replacement of Animal Experiments through the Bioinformatics-driven Analysis of "Omics" Data from Human Cell Cultures. <i>ATLA Alternatives To Laboratory Animals</i> , 2015, 43, 325-332.	0.7	29
57	Inferring Cognitive Models from Data using Approximate Bayesian Computation. , 2017, , .		29
58	SELF-ORGANIZING MAP-BASED DISCOVERY AND VISUALIZATION OF HUMAN ENDOGENOUS RETROVIRAL SEQUENCE GROUPS. <i>International Journal of Neural Systems</i> , 2005, 15, 163-179.	3.2	28
59	Evolutionary Conservation of Orthoretroviral Long Terminal Repeats (LTRs) and ab initio Detection of Single LTRs in Genomic Data. <i>PLoS ONE</i> , 2009, 4, e5179.	1.1	28
60	Assessing multivariate gene-metabolome associations with rare variants using Bayesian reduced rank regression. <i>Bioinformatics</i> , 2014, 30, 2026-2034.	1.8	28
61	Sparse group factor analysis for biclustering of multiple data sources. <i>Bioinformatics</i> , 2016, 32, 2457-2463.	1.8	28
62	Probabilistic approach to detecting dependencies between data sets. <i>Neurocomputing</i> , 2008, 72, 39-46.	3.5	27
63	Bayesian multi-tensor factorization. <i>Machine Learning</i> , 2016, 105, 233-253.	3.4	27
64	Dependencies between stimuli and spatially independent fMRI sources: Towards brain correlates of natural stimuli. <i>NeuroImage</i> , 2009, 48, 176-185.	2.1	26
65	Multi-task and multi-view learning of user state. <i>Neurocomputing</i> , 2014, 139, 97-106.	3.5	26
66	Depression, depressive symptoms and treatments in women who have recently given birth: UK cohort study. <i>BMJ Open</i> , 2018, 8, e022152.	0.8	26
67	Machine learning approaches for drug combination therapies. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	25
68	Implicit Relevance Feedback from Eye Movements. <i>Lecture Notes in Computer Science</i> , 2005, , 513-518.	1.0	25
69	Local dependent components. , 2007, , .		24
70	Searching for functional gene modules with interaction component models. <i>BMC Systems Biology</i> , 2010, 4, 4.	3.0	23
71	Efficient differentially private learning improves drug sensitivity prediction. <i>Biology Direct</i> , 2018, 13, 1.	1.9	23
72	Two-way analysis of high-dimensional collinear data. <i>Data Mining and Knowledge Discovery</i> , 2009, 19, 261-276.	2.4	21

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73	Hierarchical Generative Biclustering for MicroRNA Expression Analysis. <i>Journal of Computational Biology</i> , 2011, 18, 251-261.	0.8	21
74	Substrate specificity of 2-deoxy-D-ribose 5-phosphate aldolase (DERA) assessed by different protein engineering and machine learning methods. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10515-10529.	1.7	21
75	Exploring Peripheral Physiology as a Predictor of Perceived Relevance in Information Retrieval. , 2015, , .		20
76	Extracting relevance and affect information from physiological text annotation. <i>User Modeling and User-Adapted Interaction</i> , 2016, 26, 493-520.	2.9	20
77	Discriminative Clustering: Optimal Contingency Tables by Learning Metrics. <i>Lecture Notes in Computer Science</i> , 2002, , 418-430.	1.0	20
78	Bayesian biclustering with the plaid model. , 2008, , .		19
79	A Community Challenge for Inferring Genetic Predictors of Gene Essentialities through Analysis of a Functional Screen of Cancer Cell Lines. <i>Cell Systems</i> , 2017, 5, 485-497.e3.	2.9	19
80	Knowledge elicitation via sequential probabilistic inference for high-dimensional prediction. <i>Machine Learning</i> , 2017, 106, 1599-1620.	3.4	19
81	Bayesian metabolic flux analysis reveals intracellular flux couplings. <i>Bioinformatics</i> , 2019, 35, i548-i557.	1.8	19
82	Principle of Learning Metrics for Exploratory Data Analysis. <i>Journal of Signal Processing Systems</i> , 2004, 37, 177-188.	1.0	18
83	Targeted retrieval of gene expression measurements using regulatory models. <i>Bioinformatics</i> , 2012, 28, 2349-2356.	1.8	18
84	Likelihood-Free Inference by Ratio Estimation. <i>Bayesian Analysis</i> , 2022, 17, .	1.6	18
85	Expectation maximization algorithms for conditional likelihoods. , 2005, , .		18
86	Focused multi-task learning in a Gaussian process framework. <i>Machine Learning</i> , 2012, 89, 157-182.	3.4	17
87	On the Identifiability of Transmission Dynamic Models for Infectious Diseases. <i>Genetics</i> , 2016, 202, 911-918.	1.2	17
88	Convex Factorization Machine for Toxicogenomics Prediction. , 2017, , .		17
89	Integrating neurophysiologic relevance feedback in intent modeling for information retrieval. <i>Journal of the Association for Information Science and Technology</i> , 2019, 70, 917-930.	1.5	17
90	Discovering heritable modes of MEG spectral power. <i>Human Brain Mapping</i> , 2019, 40, 1391-1402.	1.9	17

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91	Comprehensive data-driven analysis of the impact of chemoinformatic structure on the genome-wide biological response profiles of cancer cells to 1159 drugs. <i>BMC Bioinformatics</i> , 2012, 13, 112.	1.2	16
92	Scalable Probabilistic Matrix Factorization with Graph-Based Priors. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 5851-5858.	3.6	16
93	Learning structures of Bayesian networks for variable groups. <i>International Journal of Approximate Reasoning</i> , 2017, 88, 110-127.	1.9	15
94	Inferring object relevance from gaze in dynamic scenes. , 2010, , .		15
95	Associative Clustering for Exploring Dependencies between Functional Genomics Data Sets. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2005, 2, 203-216.	1.9	14
96	Data-driven information retrieval in heterogeneous collections of transcriptomics data links SIM2s to malignant pleural mesothelioma. <i>Bioinformatics</i> , 2012, 28, 246-253.	1.8	13
97	Genome-wide association studies with high-dimensional phenotypes. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 413-31.	0.2	13
98	Interactive faceted query suggestion for exploratory search: Wholeâ€œsession effectiveness and interaction engagement. <i>Journal of the Association for Information Science and Technology</i> , 2020, 71, 742-756.	1.5	13
99	Simple integrative preprocessing preserves what is shared in data sources. <i>BMC Bioinformatics</i> , 2008, 9, 111.	1.2	12
100	Learning to learn implicit queries from gaze patterns. , 2008, , .		12
101	Interactive Intent Modeling from Multiple Feedback Domains. , 2016, , .		12
102	Interactive Elicitation of Knowledge on Feature Relevance Improves Predictions in Small Data Sets. , 2017, , .		12
103	Is this company a lead customer? Estimating stages of B2B buying journey. <i>Industrial Marketing Management</i> , 2021, 97, 126-133.	3.7	12
104	Variational Bayesian Mixture of Robust CCA Models. <i>Lecture Notes in Computer Science</i> , 2010, , 370-385.	1.0	12
105	Learning from Relevant Tasks Only. <i>Lecture Notes in Computer Science</i> , 2007, , 608-615.	1.0	12
106	Learning to rank images from eye movements. , 2009, , .		11
107	Fast Semi-Supervised Discriminative Component Analysis. <i>IEEE International Workshop on Machine Learning for Signal Processing</i> , 2007, , .	0.0	10
108	Latent grouping models for user preference prediction. <i>Machine Learning</i> , 2009, 74, 75-109.	3.4	10

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109	Modelling-based experiment retrieval: a case study with gene expression clustering. <i>Bioinformatics</i> , 2016, 32, 1388-1394.	1.8	10
110	SOM-Based Exploratory Analysis of Gene Expression Data. , 2001, , 124-131.		10
111	Probabilistic retrieval and visualization of biologically relevant microarray experiments. <i>BMC Bioinformatics</i> , 2009, 10, .	1.2	9
112	Matching samples of multiple views. <i>Data Mining and Knowledge Discovery</i> , 2011, 23, 300-321.	2.4	9
113	Deep Convolutional Gaussian Processes. <i>Lecture Notes in Computer Science</i> , 2020, , 582-597.	1.0	9
114	SciNet. , 2015, , .		9
115	Visualizations for assessing convergence and mixing of Markov chain Monte Carlo simulations. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 4453-4470.	0.7	8
116	Infinite factorization of multiple non-parametric views. <i>Machine Learning</i> , 2010, 79, 201-226.	3.4	8
117	Global modeling of transcriptional responses in interaction networks. <i>Bioinformatics</i> , 2010, 26, 2713-2720.	1.8	8
118	Learning relevance from natural eye movements in pervasive interfaces. , 2012, , .		8
119	Toward Computational Cumulative Biology by Combining Models of Biological Datasets. <i>PLoS ONE</i> , 2014, 9, e113053.	1.1	8
120	Stronger findings for metabolomics through Bayesian modeling of multiple peaks and compound correlations. <i>Bioinformatics</i> , 2014, 30, i461-i467.	1.8	8
121	Inverse reinforcement learning from summary data. <i>Machine Learning</i> , 2018, 107, 1517-1535.	3.4	8
122	Online content match-making in B2B markets: Application of neural content modeling. <i>Industrial Marketing Management</i> , 2021, 93, 32-40.	3.7	8
123	Privacy-preserving data sharing via probabilistic modeling. <i>Patterns</i> , 2021, 2, 100271.	3.1	8
124	Focused Multi-task Learning Using Gaussian Processes. <i>Lecture Notes in Computer Science</i> , 2011, , 310-325.	1.0	8
125	Supporting exploratory search tasks with interactive user modeling. <i>Proceedings of the American Society for Information Science and Technology</i> , 2013, 50, 1-10.	0.2	7
126	Stronger findings from mass spectral data through multi-peak modeling. <i>BMC Bioinformatics</i> , 2014, 15, 208.	1.2	7

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127	Representation transfer for differentially private drug sensitivity prediction. <i>Bioinformatics</i> , 2019, 35, i218-i224.	1.8	7
128	DIVERSE: Bayesian Data IntegratiVE Learning for Precise Drug ResponSE Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 2197-2207.	1.9	7
129	Entity Recommendation for Everyday Digital Tasks. <i>ACM Transactions on Computer-Human Interaction</i> , 2021, 28, 1-41.	4.6	7
130	EXPLORATORY MODELING OF YEAST STRESS RESPONSE AND ITS REGULATION WITH gCCA AND ASSOCIATIVE CLUSTERING. <i>International Journal of Neural Systems</i> , 2005, 15, 237-246.	3.2	6
131	Supervised nonlinear dimensionality reduction by Neighbor Retrieval. , 2009, , .		6
132	Dependency detection with similarity constraints. , 2009, , .		6
133	Cross-organism toxicogenomics with group factor analysis. <i>Systems Biomedicine (Austin, Tex)</i> , 2014, 2, 71-80.	0.7	6
134	Interactive Modeling of Concept Drift and Errors in Relevance Feedback. , 2016, , .		6
135	MediSyn: uncertainty-aware visualization of multiple biomedical datasets to support drug treatment selection. <i>BMC Bioinformatics</i> , 2017, 18, 393.	1.2	6
136	Improving genomics-based predictions for precision medicine through active elicitation of expert knowledge. <i>Bioinformatics</i> , 2018, 34, i395-i403.	1.8	6
137	User Modelling for Avoiding Overfitting in Interactive Knowledge Elicitation for Prediction. , 2018, , .		6
138	Hierarchical Generative Biclustering for MicroRNA Expression Analysis. <i>Lecture Notes in Computer Science</i> , 2010, , 65-79.	1.0	6
139	Learning More Accurate Metrics for Self-Organizing Maps. <i>Lecture Notes in Computer Science</i> , 2002, , 999-1004.	1.0	5
140	Sequential information bottleneck for finite data. , 2004, , .		5
141	A decision-theoretic approach for model interpretability in Bayesian framework. <i>Machine Learning</i> , 2020, 109, 1855-1876.	3.4	5
142	Data Visualization and Analysis with Self-Organizing Maps in Learning Metrics. <i>Lecture Notes in Computer Science</i> , 2001, , 162-173.	1.0	5
143	Bayesian Solutions to the Label Switching Problem. <i>Lecture Notes in Computer Science</i> , 2009, , 381-392.	1.0	5
144	Discriminative Clustering of Yeast Stress Response. , 0, , 75-91.		4

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145	Using dependencies to pair samples for multi-view learning. , 2009, , .		4
146	The rocky road to personalized medicine: computational and statistical challenges. Personalized Medicine, 2012, 9, 109-114.	0.8	4
147	Interactive Prior Elicitation of Feature Similarities for Small Sample Size Prediction. , 2017, , .		4
148	Clustering Gene Expression Data by Mutual Information with Gene Function. Lecture Notes in Computer Science, 2001, , 81-87.	1.0	4
149	Human-in-the-loop Active Covariance Learning for Improving Prediction in Small Data Sets. , 2019, , .		4
150	Visualizations for Assessing Convergence and Mixing of MCMC. Lecture Notes in Computer Science, 2003, , 432-443.	1.0	3
151	Generative Models that Discover Dependencies Between Data Sets. IEEE International Workshop on Machine Learning for Signal Processing, 2006, , .	0.0	3
152	Probabilistic modeling and machine learning in structural and systems biology. BMC Bioinformatics, 2007, 8, .	1.2	3
153	Fast dependent components for fMRI analysis. , 2009, , .		3
154	Distributed Bayesian matrix factorization with limited communication. Machine Learning, 2019, 108, 1805-1830.	3.4	3
155	Decision Rule Elicitation for Domain Adaptation. , 2021, , .		3
156	A Topography-Preserving Latent Variable Model with Learning Metrics. , 2001, , 224-229.		3
157	Multitask Learning Using Regularized Multiple Kernel Learning. Lecture Notes in Computer Science, 2011, , 500-509.	1.0	3
158	Graph visualization with latent variable models. , 2010, , .		3
159	Human Strategic Steering Improves Performance of Interactive Optimization. , 2020, , .		3
160	d3p - A Python Package for Differentially-Private Probabilistic Programming. Proceedings on Privacy Enhancing Technologies, 2022, 2022, 407-425.	2.3	3
161	Adaptive timeline interface to personal history data. , 2013, , .		2
162	Intentradar. , 2014, , .		2

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163	Learning Image Relations with Contrast Association Networks. , 2019, , .		2
164	Exploratory Clustering of Gene Expression Profiles of Mutated Yeast Strains. , 2006, , 61-74.		2
165	Cross-Species Translation of Multi-way Biomarkers. Lecture Notes in Computer Science, 2011, , 209-216.	1.0	2
166	On Discriminative Joint Density Modeling. Lecture Notes in Computer Science, 2005, , 341-352.	1.0	2
167	Graphical Multi-way Models. Lecture Notes in Computer Science, 2010, , 538-553.	1.0	2
168	Scalable Bayesian Non-linear Matrix Completion. , 2019, , .		2
169	An information retrieval perspective on visualization of gene expression data with ontological annotation. , 2010, , .		1
170	Relevant subtask learning by constrained mixture models. Intelligent Data Analysis, 2010, 14, 641-662.	0.4	1
171	Systematic use of computational methods allows stratification of treatment responders in glioblastoma multiforme. Systems Biomedicine (Austin, Tex), 2013, 1, 130-136.	0.7	1
172	Regression with $n\hat{+}1$ by Expert Knowledge Elicitation. , 2016, , .		1
173	BCI for Physiological Text Annotation. , 2017, , .		1
174	Phenotype-driven identification of epithelial signalling clusters. Scientific Reports, 2018, 8, 4034.	1.6	1
175	Behaviour-Conditioned Policies for Cooperative Reinforcement Learning Tasks. Lecture Notes in Computer Science, 2021, , 493-504.	1.0	1
176	Retrieval of Experiments by Efficient Comparison of Marginal Likelihoods. Lecture Notes in Computer Science, 2014, , 135-142.	1.0	1
177	Developing a Symbiotic System for Scientific Information Seeking: The MindSee Project. Lecture Notes in Computer Science, 2015, , 68-80.	1.0	1
178	An Analysis of Generalization Error in Relevant Subtask Learning. Lecture Notes in Computer Science, 2009, , 629-637.	1.0	1
179	Two-Way Grouping by One-Way Topic Models. Lecture Notes in Computer Science, 2009, , 178-189.	1.0	1
180	Resolving outbreak dynamics using approximate Bayesian computation for stochastic birth-death models. Wellcome Open Research, 0, 4, 14.	0.9	1

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181	Likelihood-free inference with deep Gaussian processes. Computational Statistics and Data Analysis, 2022, 174, 107529.	0.7	1
182	Electronic editor: automatic content-based sequential compilation of newspaper articles. Neurocomputing, 2002, 43, 91-106.	3.5	0
183	Discovering Condition-Dependent Bayesian Networks for Gene Regulation. , 2007, , .		0
184	Introduction to the special issue on mining and learning with graphs. Machine Learning, 2011, 82, 91-93.	3.4	0
185	Machine learning for signal processing 2010. Neurocomputing, 2012, 80, 1-2.	3.5	0
186	Visualizations relevant to the user by multi-view latent variable factorization. , 2016, , .		0
187	Local dimension reduction of summary statistics for likelihood-free inference. Statistics and Computing, 2020, 30, 559-570.	0.8	0
188	EntityBot: Supporting Everyday Digital Tasks with Entity Recommendations. , 2021, , .		0
189	Discriminative Clustering: Vector Quantization in Learning Metrics. Studies in Classification, Data Analysis, and Knowledge Organization, 2003, , 456-463.	0.1	0
190	Exploring Dependencies Between Yeast Stress Genes and Their Regulators. Lecture Notes in Computer Science, 2004, , 92-98.	1.0	0
191	Automatic Choice of Control Measurements. Lecture Notes in Computer Science, 2009, , 206-219.	1.0	0
192	Three Paths to Relevance. Studies in Computational Intelligence, 2010, , 11-13.	0.7	0
193	Probabilistic Proactive Timeline Browser. Lecture Notes in Computer Science, 2011, , 357-364.	1.0	0
194	Unsupervised Inference of Auditory Attention from Biosensors. Lecture Notes in Computer Science, 2012, , 403-418.	1.0	0
195	Computational Statistics Approaches to Study Metabolic Syndrome. , 2014, , 319-340.		0
196	Resolving outbreak dynamics using approximate Bayesian computation for stochastic birthâ€“death models. Wellcome Open Research, 0, 4, 14.	0.9	0
197	A High-Performance Implementation of Bayesian Matrix Factorization with Limited Communication. Lecture Notes in Computer Science, 2020, , 3-16.	1.0	0
198	EntityBot: Actionable Entity Recommendations for Everyday Digital Task. , 2022, , .		0