

Mikkel NÃ¸rgaard Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,361
citations

687220

13
h-index

501076

28
g-index

60
all docs

60
docs citations

60
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-channel speech separation using sparse non-negative matrix factorization. , 0, , .		173
2	Deep Learning Spectroscopy: Neural Networks for Molecular Excitation Spectra. Advanced Science, 2019, 6, 1801367.	5.6	166
3	Bayesian Non-negative Matrix Factorization. Lecture Notes in Computer Science, 2009, , 540-547.	1.0	119
4	Wind Noise Reduction using Non-Negative Sparse Coding. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , .	0.0	97
5	Machine learning-based screening of complex molecules for polymer solar cells. Journal of Chemical Physics, 2018, 148, 241735.	1.2	94
6	Nonlinear impairment compensation using expectation maximization for dispersion managed and unmanaged PDM 16-QAM transmission. Optics Express, 2012, 20, B181.	1.7	80
7	Deep Generative Models for Molecular Science. Molecular Informatics, 2018, 37, 1700133.	1.4	58
8	Unmixing of Hyperspectral Images using Bayesian Non-negative Matrix Factorization with Volume Prior. Journal of Signal Processing Systems, 2011, 65, 479-496.	1.4	56
9	Nonnegative Matrix Factorization with Gaussian Process Priors. Computational Intelligence and Neuroscience, 2008, 2008, 1-10.	1.1	54
10	Nonparametric Bayesian modeling of complex networks: an introduction. IEEE Signal Processing Magazine, 2013, 30, 110-128.	4.6	46
11	Bayesian Community Detection. Neural Computation, 2012, 24, 2434-2456.	1.3	31
12	Validation of structural brain connectivity networks: The impact of scanning parameters. NeuroImage, 2020, 204, 116207.	2.1	31
13	Bayesian nonnegative Matrix Factorization with volume prior for unmixing of hyperspectral images. , 2009, , .		21
14	Reduction of non-stationary noise using a non-negative latent variable decomposition. , 2008, , .		17
15	Linear Regression on Sparse Features for Single-Channel Speech Separation. , 2007, , .		16
16	Non-parametric Bayesian graph models reveal community structure in resting state fMRI. NeuroImage, 2014, 100, 301-315.	2.1	15
17	Calibrated uncertainty for molecular property prediction using ensembles of message passing neural networks. Machine Learning: Science and Technology, 2022, 3, 015012.	2.4	15
18	Function factorization using warped Gaussian processes. , 2009, , .		14

#	ARTICLE	IF	CITATIONS
19	Transformation invariant sparse coding. , 2011, , .		13
20	Infinite-degree-corrected stochastic block model. Physical Review E, 2014, 90, 032819.	0.8	13
21	Infinite von Misesâ€Fisher Mixture Modeling of Whole Brain fMRI Data. Neural Computation, 2017, 29, 2712-2741.	1.3	13
22	Predictive assessment of models for dynamic functional connectivity. NeuroImage, 2018, 171, 116-134.	2.1	13
23	Machine Learning: Deep Learning Spectroscopy: Neural Networks for Molecular Excitation Spectra (Adv. Sci. 9/2019). Advanced Science, 2019, 6, 1970053.	5.6	11
24	Latent profile analysis of human values: What is the optimal number of clusters?. Methodology, 2021, 17, 127-148.	0.5	10
25	Materials property prediction using symmetry-labeled graphs as atomic position independent descriptors. Physical Review B, 2019, 100, .	1.1	9
26	Using connectomics for predictive assessment of brain parcellations. NeuroImage, 2021, 238, 118170.	2.1	9
27	Structured non-negative matrix factorization with sparsity patterns. , 2008, , .		8
28	Comparing Structural Brain Connectivity by the Infinite Relational Model. , 2013, , .		8
29	Detecting hierarchical structure in networks. , 2012, , .		7
30	Peak Detection and Baseline Correction Using a Convolutional Neural Network. , 2019, , .		7
31	Raman spectrum matching with contrastive representation learning. Analyst, The, 2022, 147, 2238-2246.	1.7	7
32	Modelling dense relational data. , 2012, , .		6
33	Large scale inference in the Infinite Relational Model: Gibbs sampling is not enough. , 2013, , .		5
34	Testing a model of destination image formation: Application of Bayesian relational modelling and fsQCA. Journal of Business Research, 2020, 120, 351-363.	5.8	5
35	Surface-enhanced Raman spectroscopic study of DNA and 6-mercapto-1-hexanol interactions using large area mapping. Vibrational Spectroscopy, 2016, 86, 331-336.	1.2	4
36	Whole brain functional connectivity predicted by indirect structural connections. , 2017, , .		4

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37	Examination of Heterogeneous Societies. <i>Journal of Cross-Cultural Psychology</i> , 2017, 48, 39-57.	1.0	4
38	Cross-categorization of legal concepts across boundaries of legal systems: in consideration of inferential links. <i>Artificial Intelligence and Law</i> , 2014, 22, 61-108.	3.0	3
39	Unsupervised Knowledge Structuring: Application of Infinite Relational Models to the FCA Visualization. , 2013, , .		2
40	Nonparametric Bayesian clustering of structural whole brain connectivity in full image resolution. , 2014, , .		2
41	Nonparametric statistical structuring of knowledge systems using binary feature matches. , 2014, , .		2
42	A pseudo-Voigt component model for high-resolution recovery of constituent spectra in Raman spectroscopy. , 2017, , .		2
43	Predictive evaluation of human value segmentations. <i>Journal of Mathematical Sociology</i> , 2020, , 1-28.	0.6	2
44	Improving the robustness of Surface Enhanced Raman Spectroscopy based sensors by Bayesian Non-negative Matrix Factorization. , 2014, , .		1
45	Efficient computation for Bayesian comparison of two proportions. <i>Statistics and Probability Letters</i> , 2019, 145, 57-62.	0.4	1
46	Programmatic Policy Extraction by Iterative Local Search. <i>Lecture Notes in Computer Science</i> , 2022, , 156-166.	1.0	1
47	Haussdorff and hellinger for colorimetric sensor array classification. , 2012, , .		0
48	Analysis of Conceptualization Patterns across Groups of People. , 2013, , .		0
49	Discovering hierarchical structure in normal relational data. , 2014, , .		0
50	Numerical approximations for speeding up MCMC inference in the infinite relational model. , 2015, , .		0
51	Bayesian latent feature modeling for modeling bipartite networks with overlapping groups. , 2016, , .		0
52	The influence of hyper-parameters in the infinite relational model. , 2016, , .		0
53	Modeling dynamic functional connectivity using a wishart mixture model. , 2017, , .		0
54	Difference-of-Convex optimization for variational kl-corrected inference in dirichlet process mixtures. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
55	Understanding Mindsets Across Markets, Internationally: A Public-Private Innovation Project for Developing a Tourist Data Analytic Platform. , 2018, , .		0
56	Testing group differences in state transition structure of dynamic functional connectivity models. , 2018, , .		0
57	A Bayesian Generative Model With Gaussian Process Priors For Thermomechanical Analysis Of Micro-Resonators. , 2019, , .		0
58	TESTING A MODEL OF DESTINATION IMAGE FORMATION: APPLICATION OF NONPARAMETRIC BAYESIAN RELATIONAL MODELING TO DESTINATION IMAGE ANALYSIS. Global Fashion Management Conference, 2018, 2018, 63-64.	0.0	0
59	Uncovering Cortical Units of Processing From Multi-Layered Connectomes. Frontiers in Neuroscience, 2022, 16, 836259.	1.4	0