

Morten MÃ¸rup

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,904
citations

331259

21
h-index

189595

50
g-index

90
all docs

90
docs citations

90
times ranked

3430
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable tensor factorizations for incomplete data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 106, 41-56.	1.8	422
2	Automatic relevance determination for multiway models. <i>Journal of Chemometrics</i> , 2009, 23, 352-363.	0.7	262
3	Parallel Factor Analysis as an exploratory tool for wavelet transformed event-related EEG. <i>NeuroImage</i> , 2006, 29, 938-947.	2.1	224
4	Applications of tensor (multiway array) factorizations and decompositions in data mining. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2011, 1, 24-40.	4.6	167
5	Archetypal analysis for machine learning and data mining. <i>Neurocomputing</i> , 2012, 80, 54-63.	3.5	161
6	Defining a local arterial input function for perfusion MRI using independent component analysis. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 789-797.	1.9	158
7	ERPWAVELAB. <i>Journal of Neuroscience Methods</i> , 2007, 161, 361-368.	1.3	125
8	Algorithms for Sparse Nonnegative Tucker Decompositions. <i>Neural Computation</i> , 2008, 20, 2112-2131.	1.3	124
9	EEG Theta Power Is an Early Marker of Cognitive Decline in Dementia due to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1359-1371.	1.2	100
10	Non-linear calibration models for near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2014, 813, 1-14.	2.6	87
11	Shift-invariant multilinear decomposition of neuroimaging data. <i>NeuroImage</i> , 2008, 42, 1439-1450.	2.1	81
12	Scalable Tensor Factorizations with Missing Data. , 2010, , .		81
13	The amplitude and phase precision of 40ÂHz auditory steady-state response depend on the level of arousal. <i>Experimental Brain Research</i> , 2007, 183, 133-138.	0.7	49
14	Nonparametric Bayesian modeling of complex networks: an introduction. <i>IEEE Signal Processing Magazine</i> , 2013, 30, 110-128.	4.6	46
15	Classification of independent components of <sc>EEG</sc> into multiple artifact classes. <i>Psychophysiology</i> , 2015, 52, 32-45.	1.2	46
16	Archetypal analysis of diverse <i>Pseudomonas aeruginosa</i> transcriptomes reveals adaptation in cystic fibrosis airways. <i>BMC Bioinformatics</i> , 2013, 14, 279.	1.2	42
17	A deep learning approach to adherence detection for type 2 diabetics. , 2017, 2017, 2896-2899.		36
18	22q11.2 Deletion Syndrome Is Associated With Impaired Auditory Steady-State Gamma Response. <i>Schizophrenia Bulletin</i> , 2018, 44, 388-397.	2.3	33

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19	Bayesian Community Detection. <i>Neural Computation</i> , 2012, 24, 2434-2456.	1.3	31
20	Validation of structural brain connectivity networks: The impact of scanning parameters. <i>NeuroImage</i> , 2020, 204, 116207.	2.1	31
21	Quantifying functional connectivity in multi-subject fMRI data using component models. <i>Human Brain Mapping</i> , 2017, 38, 882-899.	1.9	30
22	Oscillatory connectivity as a diagnostic marker of dementia due to Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2019, 130, 1889-1899.	0.7	30
23	Infinite multiple membership relational modeling for complex networks. , 2011, , .		24
24	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , 2018, 197, 328-336.	1.1	24
25	Self-Disorder and Brain Processing of Proprioception in Schizophrenia Spectrum Patients: A Re-Analysis. <i>Psychopathology</i> , 2015, 48, 60-64.	1.1	22
26	Changes in the left temporal microstate are a sign of cognitive decline in patients with Alzheimer's disease. <i>Brain and Behavior</i> , 2020, 10, e01630.	1.0	22
27	Attenuation of beta and gamma oscillations in schizophrenia spectrum patients following hand posture perturbation. <i>Psychiatry Research</i> , 2011, 185, 215-224.	1.7	17
28	Archetypal Analysis for Modeling Multisubject fMRI Data. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 1160-1171.	7.3	17
29	Crowds, bluetooth, and rock'n'roll. , 2013, , .		15
30	Non-parametric Bayesian graph models reveal community structure in resting state fMRI. <i>NeuroImage</i> , 2014, 100, 301-315.	2.1	15
31	Short Term Blood Glucose Prediction based on Continuous Glucose Monitoring Data. , 2020, 2020, 5140-5145.		15
32	The Danish 22q11 research initiative. <i>BMC Psychiatry</i> , 2015, 15, 220.	1.1	14
33	Two discrete components of the 20Hz steady-state response are distinguished through the modulation of activation level. <i>Clinical Neurophysiology</i> , 2009, 120, 904-909.	0.7	13
34	Infinite-degree-corrected stochastic block model. <i>Physical Review E</i> , 2014, 90, 032819.	0.8	13
35	Infinite von Mises's Fisher Mixture Modeling of Whole Brain fMRI Data. <i>Neural Computation</i> , 2017, 29, 2712-2741.	1.3	13
36	Predictive assessment of models for dynamic functional connectivity. <i>NeuroImage</i> , 2018, 171, 116-134.	2.1	13

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37	Classification of social anhedonia using temporal and spatial network features from a social cognition fMRI task. <i>Human Brain Mapping</i> , 2019, 40, 4965-4981.	1.9	12
38	Simultaneous EEG Source and Forward Model Reconstruction (SOFOMORE) Using a Hierarchical Bayesian Approach. <i>Journal of Signal Processing Systems</i> , 2011, 65, 431-444.	1.4	10
39	Latent profile analysis of human values: What is the optimal number of clusters?. <i>Methodology</i> , 2021, 17, 127-148.	0.5	10
40	Shifted Independent Component Analysis. , 2007, , 89-96.		10
41	Proprioceptive evoked gamma oscillations. <i>Brain Research</i> , 2007, 1147, 167-174.	1.1	9
42	Using connectomics for predictive assessment of brain parcellations. <i>NeuroImage</i> , 2021, 238, 118170.	2.1	9
43	Archetypal analysis for machine learning. , 2010, , .		8
44	Modeling latency and shape changes in trial based neuroimaging data. , 2011, , .		8
45	Link prediction in weighted networks. , 2012, , .		8
46	Comparing Structural Brain Connectivity by the Infinite Relational Model. , 2013, , .		8
47	Regularity increases middle latency evoked and late induced beta brain response following proprioceptive stimulation. <i>Brain Research</i> , 2008, 1218, 114-131.	1.1	7
48	Non-parametric co-clustering of large scale sparse bipartite networks on the GPU. , 2011, , .		7
49	Identifying modular relations in complex brain networks. , 2012, , .		7
50	The Functional Segregation and Integration Model: Mixture Model Representations of Consistent and Variable Group-Level Connectivity in fMRI. <i>Neural Computation</i> , 2016, 28, 2250-2290.	1.3	7
51	Machine Learning-Based Adherence Detection of Type 2 Diabetes Patients on Once-Daily Basal Insulin Injections. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 98-108.	1.3	7
52	Modelling dense relational data. , 2012, , .		6
53	The missing link: Predicting connectomes from noisy and partially observed tract tracing data. <i>PLoS Computational Biology</i> , 2017, 13, e1005374.	1.5	6
54	Individuals with 22q11.2 deletion syndrome show intact prediction but reduced adaptation in responses to repeated sounds: Evidence from Bayesian mapping. <i>NeuroImage: Clinical</i> , 2019, 22, 101721.	1.4	6

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55	Efficient Multiplicative updates for Support Vector Machines. , 2009, , .		5
56	Large scale inference in the Infinite Relational Model: Gibbs sampling is not enough. , 2013, , .		5
57	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
58	Unsupervised segmentation of task activated regions in fMRI. , 2015, , .		4
59	Whole brain functional connectivity predicted by indirect structural connections. , 2017, , .		4
60	Examination of Heterogeneous Societies. Journal of Cross-Cultural Psychology, 2017, 48, 39-57.	1.0	4
61	VARIATIONAL BAYESIAN PARTIALLY OBSERVED NON-NEGATIVE TENSOR FACTORIZATION. , 2018, , .		4
62	Rigorous optimisation of multilinear discriminant analysis with Tucker and PARAFAC structures. BMC Bioinformatics, 2018, 19, 197.	1.2	4
63	Probabilistic Tensor Train Decomposition. , 2019, , .		4
64	Latent semantics as cognitive components. , 2010, , .		3
65	Cross-categorization of legal concepts across boundaries of legal systems: in consideration of inferential links. Artificial Intelligence and Law, 2014, 22, 61-108.	3.0	3
66	Independent vector analysis for capturing common components in fMRI group analysis. , 2016, , .		3
67	Unsupervised Knowledge Structuring: Application of Infinite Relational Models to the FCA Visualization. , 2013, , .		2
68	Nonparametric Bayesian clustering of structural whole brain connectivity in full image resolution. , 2014, , .		2
69	Nonparametric statistical structuring of knowledge systems using binary feature matches. , 2014, , .		2
70	Fast Assessment of Glycemic Control based on Continuous Glucose Monitoring Data. , 2019, 2019, 7185-7188.		2
71	Predictive evaluation of human value segmentations. Journal of Mathematical Sociology, 2020, , 1-28.	0.6	2
72	The probabilistic tensor decomposition toolbox. Machine Learning: Science and Technology, 2020, 1, 025011.	2.4	2

#	ARTICLE	IF	CITATIONS
73	Scalable group level probabilistic sparse factor analysis. , 2017, , .		1
74	Evaluating Models of Dynamic Functional Connectivity Using Predictive Classification Accuracy. , 2018, , .		1
75	The Bayesian Cut. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4111-4124.	9.7	1
76	Frequency constrained ShiftCP modeling of neuroimaging data. , 2011, , .		0
77	Analysis of Conceptualization Patterns across Groups of People. , 2013, , .		0
78	Errata to "Bayesian Community Detection" (Neural Computation, Sept. 2012, Vol. 24, No. 9) https://doi.org/10.1162/NEUR.2012.24.9.24111		0
79	Discovering hierarchical structure in normal relational data. , 2014, , .		0
80	Bayesian latent feature modeling for modeling bipartite networks with overlapping groups. , 2016, , .		0
81	Modeling dynamic functional connectivity using a wishart mixture model. , 2017, , .		0
82	Understanding Mindsets Across Markets, Internationally: A Public-Private Innovation Project for Developing a Tourist Data Analytic Platform. , 2018, , .		0
83	Sparse Probabilistic Parallel Factor Analysis for the Modeling of PET and Task-fMRI Data. Lecture Notes in Computer Science, 2017, , 186-198.	1.0	0
84	Uncovering Cortical Units of Processing From Multi-Layered Connectomes. Frontiers in Neuroscience, 2022, 16, 836259.	1.4	0