

Morten MÃ¸rup

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9567937/publications.pdf>

Version: 2024-02-01

84
papers

2,904
citations

331670

21
h-index

189892

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. Chemometrics and Intelligent Laboratory Systems, 2011, 106, 41-56.	3.5	422
2	Automatic relevance determination for multiway models. Journal of Chemometrics, 2009, 23, 352-363.	1.3	262
3	Parallel Factor Analysis as an exploratory tool for wavelet transformed event-related EEG. NeuroImage, 2006, 29, 938-947.	4.2	224
4	Applications of tensor (multiway array) factorizations and decompositions in data mining. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2011, 1, 24-40.	6.8	167
5	Archetypal analysis for machine learning and data mining. Neurocomputing, 2012, 80, 54-63.	5.9	161
6	Defining a local arterial input function for perfusion MRI using independent component analysis. Magnetic Resonance in Medicine, 2004, 52, 789-797.	3.0	158
7	ERPWAVELAB. Journal of Neuroscience Methods, 2007, 161, 361-368.	2.5	125
8	Algorithms for Sparse Nonnegative Tucker Decompositions. Neural Computation, 2008, 20, 2112-2131.	2.2	124
9	EEG Theta Power Is an Early Marker of Cognitive Decline in Dementia due to Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 64, 1359-1371.	2.6	100
10	Non-linear calibration models for near infrared spectroscopy. Analytica Chimica Acta, 2014, 813, 1-14.	5.4	87
11	Shift-invariant multilinear decomposition of neuroimaging data. NeuroImage, 2008, 42, 1439-1450.	4.2	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. Experimental Brain Research, 2007, 183, 133-138.	1.5	49
14	Nonparametric Bayesian modeling of complex networks: an introduction. IEEE Signal Processing Magazine, 2013, 30, 110-128.	5.6	46
15	Classification of independent components of <sc>EEG</sc> into multiple artifact classes. Psychophysiology, 2015, 52, 32-45.	2.4	46
16	Archetypal analysis of diverse Pseudomonas aeruginosa transcriptomes reveals adaptation in cystic fibrosis airways. BMC Bioinformatics, 2013, 14, 279.	2.6	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. Schizophrenia Bulletin, 2018, 44, 388-397.	4.3	33

#	ARTICLE	IF	CITATIONS
19	Bayesian Community Detection. Neural Computation, 2012, 24, 2434-2456.	2.2	31
20	Validation of structural brain connectivity networks: The impact of scanning parameters. NeuroImage, 2020, 204, 116207.	4.2	31
21	Quantifying functional connectivity in multi-subject fMRI data using component models. Human Brain Mapping, 2017, 38, 882-899.	3.6	30
22	Oscillatory connectivity as a diagnostic marker of dementia due to Alzheimer's disease. Clinical Neurophysiology, 2019, 130, 1889-1899.	1.5	30
23	Infinite multiple membership relational modeling for complex networks. , 2011, , .		24
24	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. Schizophrenia Research, 2018, 197, 328-336.	2.0	24
25	Self-Disorder and Brain Processing of Proprioception in Schizophrenia Spectrum Patients: A Re-Analysis. Psychopathology, 2015, 48, 60-64.	1.5	22
26	Changes in the left temporal microstate are a sign of cognitive decline in patients with Alzheimer's disease. Brain and Behavior, 2020, 10, e01630.	2.2	22
27	Attenuation of beta and gamma oscillations in schizophrenia spectrum patients following hand posture perturbation. Psychiatry Research, 2011, 185, 215-224.	3.3	17
28	Archetypal Analysis for Modeling Multisubject fMRI Data. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1160-1171.	10.8	17
29	Crowds, bluetooth, and rock'n'roll. , 2013, , .		15
30	Non-parametric Bayesian graph models reveal community structure in resting state fMRI. NeuroImage, 2014, 100, 301-315.	4.2	15
31	Short Term Blood Glucose Prediction based on Continuous Glucose Monitoring Data. , 2020, 2020, 5140-5145.		15
32	The Danish 22q11 research initiative. BMC Psychiatry, 2015, 15, 220.	2.6	14
33	Two discrete components of the 20Hz steady-state response are distinguished through the modulation of activation level. Clinical Neurophysiology, 2009, 120, 904-909.	1.5	13
34	Infinite-degree-corrected stochastic block model. Physical Review E, 2014, 90, 032819.	2.1	13
35	Infinite von Mises-Fisher Mixture Modeling of Whole Brain fMRI Data. Neural Computation, 2017, 29, 2712-2741.	2.2	13
36	Predictive assessment of models for dynamic functional connectivity. NeuroImage, 2018, 171, 116-134.	4.2	13

#	ARTICLE	IF	CITATIONS
37	Classification of social anhedonia using temporal and spatial network features from a social cognition fMRI task. Human Brain Mapping, 2019, 40, 4965-4981.	3.6	12
38	Simultaneous EEG Source and Forward Model Reconstruction (SOFOMORE) Using a Hierarchical Bayesian Approach. Journal of Signal Processing Systems, 2011, 65, 431-444.	2.1	10
39	Latent profile analysis of human values: What is the optimal number of clusters?. Methodology, 2021, 17, 127-148.	1.1	10
40	Shifted Independent Component Analysis. , 2007, , 89-96.		10
41	Proprioceptive evoked gamma oscillations. Brain Research, 2007, 1147, 167-174.	2.2	9
42	Using connectomics for predictive assessment of brain parcellations. NeuroImage, 2021, 238, 118170.	4.2	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. Brain Research, 2008, 1218, 114-131.	2.2	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. Neural Computation, 2016, 28, 2250-2290.	2.2	7
51	Machine Learning-Based Adherence Detection of Type 2 Diabetes Patients on Once-Daily Basal Insulin Injections. Journal of Diabetes Science and Technology, 2021, 15, 98-108.	2.2	7
52	Modelling dense relational data. , 2012, , .		6
53	The missing link: Predicting connectomes from noisy and partially observed tract tracing data. PLoS Computational Biology, 2017, 13, e1005374.	3.2	6
54	Individuals with 22q11.2 deletion syndrome show intact prediction but reduced adaptation in responses to repeated sounds: Evidence from Bayesian mapping. NeuroImage: Clinical, 2019, 22, 101721.	2.7	6

#	ARTICLE	IF	CITATIONS
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.	10.2	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.	1.6	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.	2.6	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.	4.0	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.	1.2	2
72	The probabilistic tensor decomposition toolbox. Machine Learning: Science and Technology, 2020, 1, 025011.	5.0	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.	13.9	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.)	2.25	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.	1.3	0
84	Uncovering Cortical Units of Processing From Multi-Layered Connectomes. Frontiers in Neuroscience, 2022, 16, 836259.	2.8	0