

# Chee-Ming Ting

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

643  
citations

840776

11  
h-index

839539

18  
g-index

48  
all docs

48  
docs citations

48  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multi-Domain Connectome Convolutional Neural Network for Identifying Schizophrenia From EEG Connectivity Patterns. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1333-1343.	6.3	97
2	Estimating Dynamic Connectivity States in fMRI Using Regime-Switching Factor Models. IEEE Transactions on Medical Imaging, 2018, 37, 1011-1023.	8.9	50
3	Modeling Effective Connectivity in High-Dimensional Cortical Source Signals. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1315-1325.	10.8	43
4	A Unified Estimation Framework for State-Related Changes in Effective Brain Connectivity. IEEE Transactions on Biomedical Engineering, 2017, 64, 844-858.	4.2	42
5	A Markov-Switching Model Approach to Heart Sound Segmentation and Classification. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 705-716.	6.3	39
6	Statistical models for brain signals with properties that evolve across trials. NeuroImage, 2018, 180, 609-618.	4.2	38
7	Short-segment Heart Sound Classification Using an Ensemble of Deep Convolutional Neural Networks. , 2019, , .		38
8	Spectral Estimation of Nonstationary EEG Using Particle Filtering With Application to Event-Related Desynchronization (ERD). IEEE Transactions on Biomedical Engineering, 2011, 58, 321-331.	4.2	35
9	Application of Malay speech technology in Malay Speech Therapy Assistance Tools. , 2007, , .		26
10	Classification of EEG-based Effective Brain Connectivity in Schizophrenia using Deep Neural Networks. , 2019, , .		21
11	Estimating Effective Connectivity from fMRI Data Using Factor-based Subspace Autoregressive Models. IEEE Signal Processing Letters, 2015, 22, 757-761.	3.6	20
12	Detecting Dynamic Community Structure in Functional Brain Networks Across Individuals: A Multilayer Approach. IEEE Transactions on Medical Imaging, 2021, 40, 468-480.	8.9	19
13	ECG based personal identification using extended Kalman filter. , 2010, , .		16
14	Robust Facial Expression Recognition for MuCI: A Comprehensive Neuromuscular Signal Analysis. IEEE Transactions on Affective Computing, 2018, 9, 102-115.	8.3	16
15	Is First-Order Vector Autoregressive Model Optimal for fMRI Data?. Neural Computation, 2015, 27, 1857-1871.	2.2	15
16	Malay Sign Language Gesture Recognition system. , 2007, , .		9
17	Acoustic cardiac signals analysis: a Kalman filter&ndash;based approach. International Journal of Nanomedicine, 2012, 7, 2873.	6.7	9
18	Artifact Removal from Single-Trial ERPs using Non-Gaussian Stochastic Volatility Models and Particle Filter. IEEE Signal Processing Letters, 2014, 21, 923-927.	3.6	9

#	ARTICLE	IF	CITATIONS
19	Statistical model for dynamically-changing correlation matrices with application to brain connectivity. <i>Journal of Neuroscience Methods</i> , 2020, 331, 108480.	2.5	9
20	Text independent Speaker Identification using Gaussian mixture model. , 2007, , .		8
21	Face identification and verification using PCA and LDA. , 2008, , .		8
22	Estimating dynamic cortical connectivity from motor imagery EEG using KALMAN smoother & EM algorithm. , 2014, , .		8
23	Modeling and estimation of single-trial event-related potentials using partially observed diffusion processes. , 2015, 36, 128-143.		6
24	Classification of Heart Sound Signals Using Autoregressive Model and Hidden Markov Model. <i>Journal of Medical Imaging and Health Informatics</i> , 2017, 7, 755-763.	0.3	6
25	PCA, LDA and neural network for face identification. , 2009, , .		5
26	Speaker Verification Using Gaussian Mixture Model (GMM). <i>IFMBE Proceedings</i> , 2011, , 560-564.	0.3	5
27	Malay continuous speech recognition using fast HMM match algorithm. , 2009, , .		4
28	An expectation-maximization algorithm based Kalman smoother approach for single-trial estimation of event-related potentials. , 2012, 2012, 6534-8.		4
29	Estimation of high-dimensional brain connectivity from fMRI data using factor modeling. , 2014, , .		4
30	Estimation of stochastic volatility with long memory for index prices of FTSE Bursa Malaysia KLCI. , 2015, , .		4
31	Analysis of ECG biosignal recognition for client identification. , 2017, , .		4
32	Multi-Scale Factor Analysis of High-Dimensional Functional Connectivity in Brain Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 449-465.	6.4	4
33	Heart sound segmentation using switching linear dynamical models. , 2017, , .		3
34	fMRI hemodynamic response function estimation in autoregressive noise by avoiding the drift. , 2017, 66, 29-41.		3
35	Automatic phonetic segmentation of Malay speech database. , 2007, , .		2
36	Linear dynamic models for classification of single-trial EEG. , 2013, 2013, 4827-30.		2

#	ARTICLE	IF	CITATIONS
37	Sensor space time-varying information flow analysis of multiclass motor imagery through Kalman Smoother and EM algorithm. , 2015, , .		2
38	Estimation of high-dimensional connectivity in fMRI data via subspace autoregressive models. , 2016, , .		2
39	Exploratory Analysis of Brain Signals through Low Dimensional Embedding. , 2019, , .		2
40	Estimating Brain Connectivity Using Copula Gaussian Graphical Models. , 2019, , .		2
41	PCA and LDA-based face verification using back-propagation neural network. , 2010, , .		1
42	Fractional Ornstein-Uhlenbeck for index prices of FTSE Bursa Malaysia KLCI. , 2014, , .		1
43	Detecting State Changes in Community Structure of Functional Brain Networks Using a Markov-Switching Stochastic Block Model. , 2019, , .		1
44	Clinical interpretations of the effectiveness of changes in body position during aerobic fitness after neurologic injury. Journal of Integrative Neuroscience, 2020, 19, 479.	1.7	1
45	Discriminative tandem features for HMM-based EEG classification. , 2013, 2013, 3957-60.		0
46	Shrinkage estimation of high-dimensional vector autoregressions for effective connectivity in fMRI. , 2016, , .		0
47	Biosignal recognition for patients identification. , 2016, , .		0
48	Performance Study for Multimodal Client Identification System Using Cardiac and Speech Signals. , 2018, , .		0