

# Kim-Han Thung

## List of Publications by Year in descending order

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53  
papers

1,777  
citations

448610

19  
h-index

325983

40  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructing Multi-View High-Order Functional Connectivity Networks for Diagnosis of Autism Spectrum Disorder. IEEE Transactions on Biomedical Engineering, 2022, 69, 1237-1250.	2.5	14
2	Learning-Based Computer-Aided Prescription Model for Parkinson's Disease: A Data-Driven Perspective. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3258-3269.	3.9	4
3	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	2.5	10
4	Dynamic neural circuit disruptions associated with antisocial behaviors. Human Brain Mapping, 2021, 42, 329-344.	1.9	7
5	Sparse Dictionary Learning for 3D Craniomaxillofacial Skeleton Estimation Based on 2D Face Photographs. , 2021, , 41-53.		0
6	Learning MRI artefact removal with unpaired data. Nature Machine Intelligence, 2021, 3, 60-67.	8.3	21
7	Multi-modal latent space inducing ensemble SVM classifier for early dementia diagnosis with neuroimaging data. Medical Image Analysis, 2020, 60, 101630.	7.0	60
8	Probing Tissue Microarchitecture of the Baby Brain via Spherical Mean Spectrum Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 1-1.	5.4	12
9	Hierarchical Nonlocal Residual Networks for Image Quality Assessment of Pediatric Diffusion MRI With Limited and Noisy Annotations. IEEE Transactions on Medical Imaging, 2020, 39, 3691-3702.	5.4	9
10	Real-Time Quality Assessment of Pediatric MRI via Semi-Supervised Deep Nonlocal Residual Neural Networks. IEEE Transactions on Image Processing, 2020, 29, 7697-7706.	6.0	14
11	Multi-View Spatial Aggregation Framework for Joint Localization and Segmentation of Organs at Risk in Head and Neck CT Images. IEEE Transactions on Medical Imaging, 2020, 39, 2794-2805.	5.4	32
12	Characterizing Intra-soma Diffusion with Spherical Mean Spectrum Imaging. Lecture Notes in Computer Science, 2020, 12267, 354-363.	1.0	3
13	Fast Correction of Eddy-Current and Susceptibility-Induced Distortions Using Rotation-Invariant Contrasts. Lecture Notes in Computer Science, 2020, 12262, 34-43.	1.0	0
14	Latent Representation Learning for Alzheimer's Disease Diagnosis With Incomplete Multi-Modality Neuroimaging and Genetic Data. IEEE Transactions on Medical Imaging, 2019, 38, 2411-2422.	5.4	124
15	Effective feature learning and fusion of multimodality data using stage-wise deep neural network for dementia diagnosis. Human Brain Mapping, 2019, 40, 1001-1016.	1.9	171
16	Semi-Supervised Discriminative Classification Robust to Sample-Outliers and Feature-Noises. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 515-522.	9.7	71
17	Brain-Wide Genome-Wide Association Study for Alzheimer's Disease via Joint Projection Learning and Sparse Regression Model. IEEE Transactions on Biomedical Engineering, 2019, 66, 165-175.	2.5	42
18	Inter-modality Dependence Induced Data Recovery for MCI Conversion Prediction. Lecture Notes in Computer Science, 2019, , 186-195.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. Lecture Notes in Computer Science, 2019, 11768, 327-335.	1.0	5
20	Multi-stage Image Quality Assessment of Diffusion MRI via Semi-supervised Nonlocal Residual Networks. Lecture Notes in Computer Science, 2019, 11766, 521-528.	1.0	5
21	Probing Brain Micro-architecture by Orientation Distribution Invariant Identification of Diffusion Compartments. Lecture Notes in Computer Science, 2019, 11766, 547-555.	1.0	6
22	Characterizing Non-Gaussian Diffusion in Heterogeneously Oriented Tissue Microenvironments. Lecture Notes in Computer Science, 2019, 11766, 556-563.	1.0	2
23	Conversion and time-to-conversion predictions of mild cognitive impairment using low-rank affinity pursuit denoising and matrix completion. Medical Image Analysis, 2018, 45, 68-82.	7.0	72
24	Multi-Label Nonlinear Matrix Completion With Transductive Multi-Task Feature Selection for Joint MGMT and IDH1 Status Prediction of Patient With High-Grade Gliomas. IEEE Transactions on Medical Imaging, 2018, 37, 1775-1787.	5.4	25
25	Multi-modal Neuroimaging Data Fusion via Latent Space Learning for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2018, 11121, 76-84.	1.0	9
26	Joint Robust Imputation and Classification for Early Dementia Detection Using Incomplete Multi-modality Data. Lecture Notes in Computer Science, 2018, 11121, 51-59.	1.0	4
27	A brief review on multi-task learning. Multimedia Tools and Applications, 2018, 77, 29705-29725.	2.6	131
28	Maximum Mean Discrepancy Based Multiple Kernel Learning for Incomplete Multimodality Neuroimaging Data. Lecture Notes in Computer Science, 2017, 10435, 72-80.	1.0	17
29	Multi-label Inductive Matrix Completion for Joint MGMT and IDH1 Status Prediction for Glioma Patients. Lecture Notes in Computer Science, 2017, 10434, 450-458.	1.0	10
30	Feature Learning and Fusion of Multimodality Neuroimaging and Genetic Data for Multi-status Dementia Diagnosis. Lecture Notes in Computer Science, 2017, 10541, 132-140.	1.0	18
31	Multi-stage Diagnosis of Alzheimer's Disease with Incomplete Multimodal Data via Multi-task Deep Learning. Lecture Notes in Computer Science, 2017, 10553, 160-168.	1.0	32
32	Longitudinal clinical score prediction in Alzheimer's disease with soft-split sparse regression based random forest. Neurobiology of Aging, 2016, 46, 180-191.	1.5	99
33	Stability-Weighted Matrix Completion of Incomplete Multi-modal Data for Disease Diagnosis. Lecture Notes in Computer Science, 2016, 9901, 88-96.	1.0	10
34	Identification of progressive mild cognitive impairment patients using incomplete longitudinal MRI scans. Brain Structure and Function, 2016, 221, 3979-3995.	1.2	33
35	Joint Discriminative and Representative Feature Selection for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2016, 10019, 77-85.	1.0	2
36	Fast Neuroimaging-Based Retrieval for Alzheimer's Disease Analysis. Lecture Notes in Computer Science, 2016, 10019, 313-321.	1.0	1

#	ARTICLE	IF	CITATIONS
37	A transversal approach for patch-based label fusion via matrix completion. <i>Medical Image Analysis</i> , 2015, 24, 135-148.	7.0	25
38	A Robust Deep Model for Improved Classification of AD/MCI Patients. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1610-1616.	3.9	223
39	Identification of infants at high risk for autism spectrum disorder using multiparameter multiscale white matter connectivity networks. <i>Human Brain Mapping</i> , 2015, 36, 4880-4896.	1.9	75
40	Joint Diagnosis and Conversion Time Prediction of Progressive Mild Cognitive Impairment (pMCI) Using Low-Rank Subspace Clustering and Matrix Completion. <i>Lecture Notes in Computer Science</i> , 2015, 9351, 527-534.	1.0	10
41	Identification of Infants at Risk for Autism Using Multi-parameter Hierarchical White Matter Connectomes. <i>Lecture Notes in Computer Science</i> , 2015, 9352, 170-177.	1.0	9
42	Soft-Split Sparse Regression Based Random Forest for Predicting Future Clinical Scores of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2015, , 246-254.	1.0	8
43	Multi-view Classification for Identification of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2015, 9352, 255-262.	1.0	27
44	Multi-Task Linear Programming Discriminant Analysis for the Identification of Progressive MCI Individuals. <i>PLoS ONE</i> , 2014, 9, e96458.	1.1	17
45	Robust Deep Learning for Improved Classification of AD/MCI Patients. <i>Lecture Notes in Computer Science</i> , 2014, , 240-247.	1.0	23
46	Neurodegenerative disease diagnosis using incomplete multi-modality data via matrix shrinkage and completion. <i>NeuroImage</i> , 2014, 91, 386-400.	2.1	87
47	Plain, edge, texture (PET) block classifier using Tchebichef moments and SVM. , 2013, , .		1
48	Content-based image quality metric using similarity measure of moment vectors. <i>Pattern Recognition</i> , 2012, 45, 2193-2204.	5.1	48
49	Fast computation of exact Zernike moments using cascaded digital filters. <i>Information Sciences</i> , 2011, 181, 3638-3651.	4.0	18
50	A survey of image quality measures. , 2009, , .		110
51	Edge Vector Based Mode Decision for H.264/AVC Intra Prediction. , 2007, , .		3
52	Selection of a Subset of EEG Channels using PCA to classify Alcoholics and Non-alcoholics. , 2005, 2005, 4195-8.		11
53	A study of EEG signals associated with intended cursor movement using asymmetry ratio. , 0, , .		0