

Kim-Han Thung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7841007/publications.pdf>

Version: 2024-02-01

53
papers

1,777
citations

394390

19
h-index

289230

40
g-index

55
all docs

55
docs citations

55
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	A Robust Deep Model for Improved Classification of AD/MCI Patients. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1610-1616.	6.3	223
2	Effective feature learning and fusion of multimodality data using stage-wise deep neural network for dementia diagnosis. Human Brain Mapping, 2019, 40, 1001-1016.	3.6	171
3	A brief review on multi-task learning. Multimedia Tools and Applications, 2018, 77, 29705-29725.	3.9	131
4	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.	8.9	124
5	A survey of image quality measures. , 2009, , .		110
6	Longitudinal clinical score prediction in Alzheimer's disease with soft-split sparse regression based random forest. Neurobiology of Aging, 2016, 46, 180-191.	3.1	99
7	Neurodegenerative disease diagnosis using incomplete multi-modality data via matrix shrinkage and completion. NeuroImage, 2014, 91, 386-400.	4.2	87
8	Identification of infants at high-risk for autism spectrum disorder using multiparameter multiscale white matter connectivity networks. Human Brain Mapping, 2015, 36, 4880-4896.	3.6	75
9	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.	11.6	72
10	Semi-Supervised Discriminative Classification Robust to Sample-Outliers and Feature-Noises. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 515-522.	13.9	71
11	Multi-modal latent space inducing ensemble SVM classifier for early dementia diagnosis with neuroimaging data. Medical Image Analysis, 2020, 60, 101630.	11.6	60
12	Content-based image quality metric using similarity measure of moment vectors. Pattern Recognition, 2012, 45, 2193-2204.	8.1	48
13	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.	4.2	42
14	Identification of progressive mild cognitive impairment patients using incomplete longitudinal MRI scans. Brain Structure and Function, 2016, 221, 3979-3995.	2.3	33
15	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.	8.9	32
16	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.	1.3	32
17	Multi-view Classification for Identification of Alzheimer's Disease. Lecture Notes in Computer Science, 2015, 9352, 255-262.	1.3	27
18	A transversal approach for patch-based label fusion via matrix completion. Medical Image Analysis, 2015, 24, 135-148.	11.6	25

#	ARTICLE	IF	CITATIONS
19	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.	8.9	25
20	Robust Deep Learning for Improved Classification of AD/MCI Patients. Lecture Notes in Computer Science, 2014, , 240-247.	1.3	23
21	Learning MRI artefact removal with unpaired data. Nature Machine Intelligence, 2021, 3, 60-67.	16.0	21
22	Fast computation of exact Zernike moments using cascaded digital filters. Information Sciences, 2011, 181, 3638-3651.	6.9	18
23	Feature Learning and Fusion of Multimodality Neuroimaging and Genetic Data for Multi-status Dementia Diagnosis. Lecture Notes in Computer Science, 2017, 10541, 132-140.	1.3	18
24	Multi-Task Linear Programming Discriminant Analysis for the Identification of Progressive MCI Individuals. PLoS ONE, 2014, 9, e96458.	2.5	17
25	Maximum Mean Discrepancy Based Multiple Kernel Learning for Incomplete Multimodality Neuroimaging Data. Lecture Notes in Computer Science, 2017, 10435, 72-80.	1.3	17
26	Real-Time Quality Assessment of Pediatric MRI via Semi-Supervised Deep Nonlocal Residual Neural Networks. IEEE Transactions on Image Processing, 2020, 29, 7697-7706.	9.8	14
27	Constructing Multi-View High-Order Functional Connectivity Networks for Diagnosis of Autism Spectrum Disorder. IEEE Transactions on Biomedical Engineering, 2022, 69, 1237-1250.	4.2	14
28	Probing Tissue Microarchitecture of the Baby Brain via Spherical Mean Spectrum Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 1-1.	8.9	12
29	Selection of a Subset of EEG Channels using PCA to classify Alcoholics and Non-alcoholics. , 2005, 2005, 4195-8.		11
30	Stability-Weighted Matrix Completion of Incomplete Multi-modal Data for Disease Diagnosis. Lecture Notes in Computer Science, 2016, 9901, 88-96.	1.3	10
31	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	4.2	10
32	Joint Diagnosis and Conversion Time Prediction of Progressive Mild Cognitive Impairment (pMCI) Using Low-Rank Subspace Clustering and Matrix Completion. Lecture Notes in Computer Science, 2015, 9351, 527-534.	1.3	10
33	Multi-label Inductive Matrix Completion for Joint MGMT and IDH1 Status Prediction for Glioma Patients. Lecture Notes in Computer Science, 2017, 10434, 450-458.	1.3	10
34	Multi-modal Neuroimaging Data Fusion via Latent Space Learning for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2018, 11121, 76-84.	1.3	9
35	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.	8.9	9
36	Identification of Infants at Risk for Autism Using Multi-parameter Hierarchical White Matter Connectomes. Lecture Notes in Computer Science, 2015, 9352, 170-177.	1.3	9

#	ARTICLE	IF	CITATIONS
37	Soft-Split Sparse Regression Based Random Forest for Predicting Future Clinical Scores of Alzheimer's Disease. Lecture Notes in Computer Science, 2015, , 246-254.	1.3	8
38	Dynamic neural circuit disruptions associated with antisocial behaviors. Human Brain Mapping, 2021, 42, 329-344.	3.6	7
39	Probing Brain Micro-architecture by Orientation Distribution Invariant Identification of Diffusion Compartments. Lecture Notes in Computer Science, 2019, 11766, 547-555.	1.3	6
40	Inter-modality Dependence Induced Data Recovery for MCI Conversion Prediction. Lecture Notes in Computer Science, 2019, , 186-195.	1.3	5
41	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. Lecture Notes in Computer Science, 2019, 11768, 327-335.	1.3	5
42	Multi-stage Image Quality Assessment of Diffusion MRI via Semi-supervised Nonlocal Residual Networks. Lecture Notes in Computer Science, 2019, 11766, 521-528.	1.3	5
43	Joint Robust Imputation and Classification for Early Dementia Detection Using Incomplete Multi-modality Data. Lecture Notes in Computer Science, 2018, 11121, 51-59.	1.3	4
44	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.	6.3	4
45	Edge Vector Based Mode Decision for H.264/AVC Intra Prediction. , 2007, , .		3
46	Characterizing Intra-soma Diffusion with Spherical Mean Spectrum Imaging. Lecture Notes in Computer Science, 2020, 12267, 354-363.	1.3	3
47	Joint Discriminative and Representative Feature Selection for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2016, 10019, 77-85.	1.3	2
48	Characterizing Non-Gaussian Diffusion in Heterogeneously Oriented Tissue Microenvironments. Lecture Notes in Computer Science, 2019, 11766, 556-563.	1.3	2
49	Plain, edge, texture (PET) block classifier using Tchebichef moments and SVM. , 2013, , .		1
50	Fast Neuroimaging-Based Retrieval for Alzheimer's Disease Analysis. Lecture Notes in Computer Science, 2016, 10019, 313-321.	1.3	1
51	A study of EEG signals associated with intended cursor movement using asymmetry ratio. , 0, , .		0
52	Sparse Dictionary Learning for 3D Craniomaxillofacial Skeleton Estimation Based on 2D Face Photographs. , 2021, , 41-53.		0
53	Fast Correction of Eddy-Current and Susceptibility-Induced Distortions Using Rotation-Invariant Contrasts. Lecture Notes in Computer Science, 2020, 12262, 34-43.	1.3	0