

# Hongbao Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2007365/publications.pdf>

Version: 2024-02-01

23  
papers

379  
citations

1162367

8  
h-index

1125271

13  
g-index

23  
all docs

23  
docs citations

23  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of M-FISH Images for Improved Classification of Chromosomes With an Adaptive Fuzzy C-means Clustering Algorithm. IEEE Transactions on Fuzzy Systems, 2012, 20, 1-8.	6.5	130
2	Sparse models for correlative and integrative analysis of imaging and genetic data. Journal of Neuroscience Methods, 2014, 237, 69-78.	1.3	45
3	Sparse representation based biomarker selection for schizophrenia with integrated analysis of fMRI and SNPs. NeuroImage, 2014, 102, 220-228.	2.1	44
4	Application of Tripolar Concentric Electrodes and Prefeature Selection Algorithm for Brain-Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2008, 16, 191-194.	2.7	35
5	Classification of Multicolor Fluorescence In Situ Hybridization (M-FISH) Images With Sparse Representation. IEEE Transactions on Nanobioscience, 2012, 11, 111-118.	2.2	24
6	Integrating fMRI and SNP data for biomarker identification for schizophrenia with a sparse representation based variable selection method. BMC Medical Genomics, 2013, 6, S2.	0.7	24
7	A COMPRESSED SENSING BASED APPROACH FOR SUBTYPING OF LEUKEMIA FROM GENE EXPRESSION DATA. Journal of Bioinformatics and Computational Biology, 2011, 09, 631-645.	0.3	18
8	Identification of Genes for Complex Diseases Using Integrated Analysis of Multiple Types of Genomic Data. PLoS ONE, 2012, 7, e42755.	1.1	15
9	Bio marker identification for diagnosis of schizophrenia with integrated analysis of fMRI and SNPs. , 2012, , .		9
10	An improved sparse representation model with structural information for Multicolour Fluorescence In-Situ Hybridization (M-FISH) image classification. BMC Systems Biology, 2013, 7, S5.	3.0	8
11	Segmentation of M-FISH Images for improved classification of chromosomes with an adaptive fuzzy c-means clustering algorithm. , 2011, , .		7
12	Subtyping of Glioma by Combining Gene Expression and CNVs Data Based on a Compressive Sensing Approach. Advancements in Genetic Engineering, 2012, 01, 101.	0.1	4
13	Classification of Schizophrenia Patients with Combined Analysis of SNP and fMRI Data Based on Sparse Representation. , 2011, , .		3
14	Classification of multicolor fluorescence in-situ hybridization (M-FISH) image using structure based sparse representation model. , 2012, , .		3
15	Integrating multiple genomic data: sparse representation based biomarker selection for blood pressure. BMC Proceedings, 2016, 10, 283-288.	1.8	3
16	Individualization of data-segment-related parameters for improvement of EEG signal classification in brain-computer interface. Transactions of Tianjin University, 2010, 16, 235-238.	3.3	2
17	Sparse representation based biomarker selection for schizophrenia with integrated analysis of fMRI and SNP data. , 2013, , .		2
18	Subtyping of Leukemia with Gene Expression Analysis Using Compressive Sensing Method. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	Classification of multicolor fluorescencein-situhybridization (M-FISH) image using regularized multinomial logistic regression. , 2012, , .		1
20	Alertness staging based on improved self-organizing map. Transactions of Tianjin University, 2013, 19, 459-462.	3.3	1
21	An Automatic Optimum Data selection Method For EEG-based Brain-computer Interface. , 2007, , .		0
22	Classifying six glioma subtypes from combined gene expression and CNVs data based on compressive sensing approach. , 2011, , .		0
23	Identification of genes for complex diseases by integrating multiple types of genomic data. , 2012, 2012, 5541-4.		0