# Li Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5001772/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 356 papers | 15,307 citations | 26630 56 h-index | 23533 111 g-index |
| 430 all docs | 430 docs citations | 430 times ranked | 18846 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A <scp>metaâ€analysis</scp> of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the <scp>ENIGMA Consortium</scp>. Human Brain Mapping, 2022, 43, 352-372. | 3.6 | 39 |
| 2 | Diagnosis of obsessive-compulsive disorder via spatial similarity-aware learning and fused deep polynomial network. Medical Image Analysis, 2022, 75, 102244. | 11.6 | 7 |
| 3 | Multi-task learning based structured sparse canonical correlation analysis for brain imaging genetics. Medical Image Analysis, 2022, 76, 102297. | 11.6 | 13 |
| 4 | Genome-Wide association study of quantitative biomarkers identifies a novel locus for alzheimerâ€™s disease at 12p12.1. BMC Genomics, 2022, 23, 85. | 2.8 | 7 |
| 5 | Identifying imaging genetic associations via regional morphometricity estimation. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2022, 27, 97-108. | 0.7 | 0 |
| 6 | Identifying highly heritable brain amyloid phenotypes through mining Alzheimer's imaging and sequencing biobank data. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2022, 27, 109-120. | 0.7 | 0 |
| 7 | Sex Differences in the Metabolome of Alzheimer's Disease Progression. Frontiers in Radiology, 2022, 2, . | 2.0 | 5 |
| 8 | Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. JAMA Psychiatry, 2022, 79, 464. | 11.0 | 47 |
| 9 | Chest high-resolution computed tomography can make higher accurate stages for thoracic sarcoidosis than X-ray. BMC Pulmonary Medicine, 2022, 22, 146. | 2.0 | 7 |
| 10 | Identifying Alzheimerâ€™s genes via brain transcriptome mapping. BMC Medical Genomics, 2022, 15, 116. | 1.5 | 1 |
| 11 | Novel Circulating Tumour Cell-Related Risk Model Indicates Prognosis and Immune Infiltration in Lung Adenocarcinoma. Journal of Immunology Research, 2022, 2022, 1-16. | 2.2 | 5 |
| 12 | Integrative analysis of summary data from GWAS and eQTL studies implicates genes differentially expressed in Alzheimerâ€™s disease. BMC Genomics, 2022, 23, . | 2.8 | 6 |
| 13 | Identify Consistent Cross-Modality Imaging Genetic Patterns via Discriminant Sparse Canonical Correlation Analysis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1549-1561. | 3.0 | 9 |
| 14 | Multi-Task Sparse Canonical Correlation Analysis with Application to Multi-Modal Brain Imaging Genetics. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 227-239. | 3.0 | 25 |
| 15 | A Novel Bayesian Semi-parametric Model for Learning Heritable Imaging Traits. Lecture Notes in Computer Science, 2021, 12905, 678-687. | 1.3 | 2 |
| 16 | Improved Prediction of Cognitive Outcomes via Globally Aligned Imaging Biomarker Enrichments Over Progressions. IEEE Transactions on Biomedical Engineering, 2021, 68, 3336-3346. | 4.2 | 4 |
| 17 | New pulmonary rehabilitation exercise for pulmonary fibrosis to improve the pulmonary function and quality of life of patients with idiopathic pulmonary fibrosis: a randomized control trial. Annals of Palliative Medicine, 2021, 10, 0-0. | 1.2 | 10 |
| 18 | Incidence and Outcomes of Pneumonia in Patients With HeartÂFailure. Journal of the American College of Cardiology, 2021, 77, 1961-1973. | 2.8 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A structural enriched functional network: An application to predict brain cognitive performance. Medical Image Analysis, 2021, 71, 102026. | 11.6 | 16 |
| 20 | A new sulfated triterpene glycoside from the sea cucumber Colochirus quadrangularis, and evaluation of its antifungal, antitumor and immunomodulatory activities. Bioorganic and Medicinal Chemistry, 2021, 41, 116188. | 3.0 | 9 |
| 21 | Laryngopharyngeal pH Monitoring in Patients With Idiopathic Pulmonary Fibrosis. Frontiers in Pharmacology, 2021, 12, 724286. | 3.5 | 2 |
| 22 | Ion therapy of pulmonary fibrosis by inhalation of ionic solution derived from silicate bioceramics. Bioactive Materials, 2021, 6, 3194-3206. | 15.6 | 15 |
| 23 | White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. Frontiers in Neuroscience, 2021, 15, 738037. | 2.8 | 6 |
| 24 | Identifying imaging genetic associations via regional morphometricity estimation. , 2021, , . | | 0 |
| 25 | Session Introduction: Big Data Imaging Genomics. , 2021, , . | | 0 |
| 26 | PfAP2-EXP2, an Essential Transcription Factor for the Intraerythrocytic Development of Plasmodium falciparum. Frontiers in Cell and Developmental Biology, 2021, 9, 782293. | 3.7 | 3 |
| 27 | Genetic Influence Underlying Brain Connectivity Phenotype: A Study on Two Age-Specific Cohorts. Frontiers in Genetics, 2021, 12, 782953. | 2.3 | 0 |
| 28 | Identifying multimodal imagingâ€driven subtypes in mild cognitive impairment using deep multiview learning. Alzheimer's and Dementia, 2021, 17, . | 0.8 | 0 |
| 29 | Brain imaging genetics: integrated analysis and machine learning. , 2021, , . | | 2 |
| 30 | Interpretable temporal graph neural network for prognostic prediction of Alzheimerâ€™s disease using longitudinal neuroimaging data. , 2021, 2021, 1381-1384. | | 8 |
| 31 | Hierarchical Structured Sparse Learning for Schizophrenia Identification. Neuroinformatics, 2020, 18, 43-57. | 2.8 | 12 |
| 32 | Brain Imaging Genomics: Integrated Analysis and Machine Learning. Proceedings of the IEEE, 2020, 108, 125-162. | 21.3 | 100 |
| 33 | Regional imaging genetic enrichment analysis. Bioinformatics, 2020, 36, 2554-2560. | 4.1 | 16 |
| 34 | Joint Multi-Modal Longitudinal Regression and Classification for Alzheimerâ€™s Disease Prediction. IEEE Transactions on Medical Imaging, 2020, 39, 1845-1855. | 8.9 | 40 |
| 35 | Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. Medical Image Analysis, 2020, 60, 101625. | 11.6 | 99 |
| 36 | A multi-model deep convolutional neural network for automatic hippocampus segmentation and classification in Alzheimerâ€™s disease. NeuroImage, 2020, 208, 116459. | 4.2 | 306 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796. | 12.8 | 61 |
| 38 | Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. Molecular Neurodegeneration, 2020, 15, 57. | 10.8 | 33 |
| 39 | Volumetric GWAS of medial temporal lobe structures identifies an ERC1 locus using ADNI high-resolution T2-weighted MRI data. Neurobiology of Aging, 2020, 95, 81-93. | 3.1 | 7 |
| 40 | Identifying diagnosis-specific genotypeâ€“phenotype associations via joint multitask sparse canonical correlation analysis and classification. Bioinformatics, 2020, 36, i371-i379. | 4.1 | 20 |
| 41 | Analysis of the clinical characteristics of 176 patients with pathologically confirmed cryptogenic organizing pneumonia. Annals of Translational Medicine, 2020, 8, 763-763. | 1.7 | 15 |
| 42 | Cognitive biomarker prioritization in Alzheimerâ€™s Disease using brain morphometric data. BMC Medical Informatics and Decision Making, 2020, 20, 319. | 3.0 | 4 |
| 43 | A telescope GWAS analysis strategy, based on SNPs-genes-pathways ensamble and on multivariate algorithms, to characterize late onset Alzheimerâ€™s disease. Scientific Reports, 2020, 10, 12063. | 3.3 | 11 |
| 44 | Integrative analysis of summary data from GWAS and eQTL studies predicts tissueâ€specific gene targets for Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e043242. | 0.8 | 2 |
| 45 | Transcriptomic profiles underlying functional brain networks at different stages of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e046163. | 0.8 | 2 |
| 46 | Genomeâ€wide association study of ADNI QTâ€PAD biomarkers identifies a novel locus on Chr 12. Alzheimer's and Dementia, 2020, 16, e047579. | 0.8 | 0 |
| 47 | Ideas for how informaticians can get involved with COVID-19 research. BioData Mining, 2020, 13, 3. | 4.0 | 20 |
| 48 | Deep Network-Based Feature Selection for Imaging Genetics: Application to Identifying Biomarkers for Parkinson's Disease. , 2020, 2020, . | | 1 |
| 49 | The use of ECMO in acute respiratory failure caused by Pneumocystis jirovecii pneumonia after renal transplant: A case report. Artificial Organs, 2020, 44, 1115-1117. | 1.9 | 1 |
| 50 | Mining and visualizing high-order directional drug interaction effects using the FAERS database. BMC Medical Informatics and Decision Making, 2020, 20, 50. | 3.0 | 11 |
| 51 | The genetic architecture of the human cerebral cortex. Science, 2020, 367, . | 12.6 | 450 |
| 52 | Pigmented purpuric dermatosis in children: a retrospective cohort with emphasis on treatment and outcomes. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 2402-2408. | 2.4 | 3 |
| 53 | A superâ€comboâ€drug test to detect adverse drug events and drug interactions from electronic health records in the era of polypharmacy. Statistics in Medicine, 2020, 39, 1458-1472. | 1.6 | 1 |
| 54 | Detecting genetic associations with brain imaging phenotypes in Alzheimerâ€™s disease via a novel structured SCCA approach. Medical Image Analysis, 2020, 61, 101656. | 11.6 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Therapeutic effect of subcutaneous injection of low dose recombinant human granulocyte-macrophage colony-stimulating factor on pulmonary alveolar proteinosis. Respiratory Research, 2020, 21, 1. | 3.6 | 200 |
| 56 | A report of three COVID-19 cases with prolonged viral RNA detection in anal swabs. Clinical Microbiology and Infection, 2020, 26, 786-787. | 6.0 | 18 |
| 57 | Associating Multi-Modal Brain Imaging Phenotypes and Genetic Risk Factors via a Dirty Multi-Task Learning Method. IEEE Transactions on Medical Imaging, 2020, 39, 3416-3428. | 8.9 | 27 |
| 58 | The International Conference on Intelligent Biology and Medicine (ICIBM) 2020: Data-driven analytics in biomedical genomics. BMC Medical Genomics, 2020, 13, 189. | 1.5 | 2 |
| 59 | Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. International Journal of Computational Biology and Drug Design, 2020, 13, 58. | 0.3 | 7 |
| 60 | Genome-wide Network-assisted Association and Enrichment Study of Amyloid Imaging Phenotype in Alzheimerâ€™s Disease. Current Alzheimer Research, 2020, 16, 1163-1174. | 1.4 | 11 |
| 61 | Effect of APOE Îµ4 on multimodal brain connectomic traits: a persistent homology study. BMC Bioinformatics, 2020, 21, 535. | 2.6 | 6 |
| 62 | Informatics and machine learning methods for health applications. BMC Medical Informatics and Decision Making, 2020, 20, 342. | 3.0 | 3 |
| 63 | Multivariate genome wide association and network analysis of subcortical imaging phenotypes in Alzheimerâ€™s disease. BMC Genomics, 2020, 21, 896. | 2.8 | 11 |
| 64 | The International Conference on Intelligent Biology and Medicine (ICIBM) 2020: Scalable techniques and algorithms for computational genomics. BMC Genomics, 2020, 21, 831. | 2.8 | 0 |
| 65 | Accelerating bioinformatics research with International Conference on Intelligent Biology and Medicine 2020. BMC Bioinformatics, 2020, 21, 563. | 2.6 | 2 |
| 66 | Persistent Feature Analysis of Multimodal Brain Networks Using Generalized Fused Lasso for EMCI Identification. Lecture Notes in Computer Science, 2020, 12267, 44-52. | 1.3 | 4 |
| 67 | Structural Connectivity Enriched Functional Brain Network Using Simplex Regression with GraphNet. Lecture Notes in Computer Science, 2020, 12436, 292-302. | 1.3 | 2 |
| 68 | Predicting Longitudinal Outcomes of Alzheimer's Disease via a Tensor-Based Joint Classification and Regression Model. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2020, 25, 7-18. | 0.7 | 2 |
| 69 | Deep Multiview Learning to Identify Population Structure with Multimodal Imaging. Proceedings-- IEEE International Symposium on Bioinformatics and Bioengineering, 2020, 2020, 308-314. | 1.0 | 0 |
| 70 | Polygenic mediation analysis of Alzheimer's disease implicated intermediate amyloid imaging phenotypes. AMIA ... Annual Symposium proceedings, 2020, 2020, 422-431. | 0.2 | 0 |
| 71 | Deep Multiview Learning to Identify Population Structure with Multimodal Imaging. , 2020, 2020, 308-314. | | 1 |
| 72 | Estimating Hard-tissue Conditions from Dental Images via Machine Learning. , 2020, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Identifying Candidate Genetic Associations with MRI-Derived AD-Related ROI via Tree-Guided Sparse Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1986-1996. | 3.0 | 8 |
| 74 | Diagnosis Status Guided Brain Imaging Genetics Via Integrated Regression And Sparse Canonical Correlation Analysis. , 2019, 2019, 356-359. | | 9 |
| 75 | Identifying progressive imaging genetic patterns via multi-task sparse canonical correlation analysis: a longitudinal study of the ADNI cohort. Bioinformatics, 2019, 35, i474-i483. | 4.1 | 36 |
| 76 | Targeted genetic analysis of cerebral blood flow imaging phenotypes implicates the INPP5D gene. Neurobiology of Aging, 2019, 81, 213-221. | 3.1 | 30 |
| 77 | Simultaneous amplification and testing method forMycobacterium tuberculosisrRNA to differentiate sputum-negative tuberculosis from sarcoidosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L519-L524. | 2.9 | 11 |
| 78 | Helicobacter pylori â€induced YAP1 nuclear translocation promotes gastric carcinogenesis by enhancing ILâ€1Î² expression. Cancer Medicine, 2019, 8, 3965-3980. | 2.8 | 36 |
| 79 | Identifying Imaging Markers for Predicting Cognitive Assessments Using Wasserstein Distances Based Matrix Regression. Frontiers in Neuroscience, 2019, 13, 668. | 2.8 | 5 |
| 80 | Lower dietary fibre intake, but not total water consumption, is associated with constipation: a populationâ€based analysis. Journal of Human Nutrition and Dietetics, 2019, 32, 422-431. | 2.5 | 26 |
| 81 | The Role of Infection in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. Mediators of Inflammation, 2019, 2019, 1-10. | 3.0 | 38 |
| 82 | Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. Personalized Medicine, 2019, 16, 247-257. | 1.5 | 28 |
| 83 | Prioritization of Cognitive Assessments in Alzheimer's Disease via Learning to Rank using Brain Morphometric Data. , 2019, 2019, . | | 2 |
| 84 | Mining Regional Imaging Genetic Associations via Voxel-wise Enrichment Analysis. , 2019, 2019, . | | 4 |
| 85 | Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636. | 21.4 | 192 |
| 86 | Joint between-sample normalization and differential expression detection through â„“0-regularized regression. BMC Bioinformatics, 2019, 20, 593. | 2.6 | 1 |
| 87 | Mining Directional Drug Interaction Effects on Myopathy Using the FAERS Database. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2156-2163. | 6.3 | 11 |
| 88 | A Unified Model for Joint Normalization and Differential Gene Expression Detection in RNA-Seq Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 442-454. | 3.0 | 13 |
| 89 | A Dirty Multi-task Learning Method for Multi-modal Brain Imaging Genetics. Lecture Notes in Computer Science, 2019, , 447-455. | 1.3 | 1 |
| 90 | Improved Prediction of Cognitive Outcomes via Globally Aligned Imaging Biomarker Enrichments over Progressions. Lecture Notes in Computer Science, 2019, , 140-148. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Predicting Longitudinal Outcomes of Alzheimerâ€™s Disease via a Tensor-Based Joint Classification and Regression Model. , 2019, , . | | 3 |
| 92 | Network approaches to systems biology analysis of complex disease: integrative methods for multi-omics data. Briefings in Bioinformatics, 2018, 19, 1370-1381. | 6.5 | 185 |
| 93 | GPU Accelerated Browser for Neuroimaging Genomics. Neuroinformatics, 2018, 16, 393-402. | 2.8 | 1 |
| 94 | A novel SCCA approach via truncated  â„“ 1-norm and truncated group lasso for brain imaging genetics. Bioinformatics, 2018, 34, 278-285. | 4.1 | 31 |
| 95 | Volumetric comparison of hippocampal subfields extracted from 4-minute accelerated vs. 8-minute high-resolution T2-weighted 3T MRI scans. Brain Imaging and Behavior, 2018, 12, 1583-1595. | 2.1 | 13 |
| 96 | Translational Highâ€Dimensional Drug Interaction Discovery and Validation Using Health Record Databases and Pharmacokinetics Models. Clinical Pharmacology and Therapeutics, 2018, 103, 287-295. | 4.7 | 22 |
| 97 | Mixture drugâ€count response model for the highâ€dimensional drug combinatory effect on myopathy. Statistics in Medicine, 2018, 37, 673-686. | 1.6 | 9 |
| 98 | A Unified Model for Robust Differential Expression Analysis of RNA-Seq Data. , 2018, , . | | 0 |
| 99 | Fast Multi-Task SCCA Learning with Feature Selection for Multi-Modal Brain Imaging Genetics. , 2018, 2018, 356-361. | | 13 |
| 100 | Interactive Machine Learning by Visualization: A Small Data Solution. , 2018, 2018, 3513-3521. | | 16 |
| 101 | ICâ€Pâ€075: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2017 UPDATE. Alzheimer's and Dementia, 2018, 14, P66. | 0.8 | 0 |
| 102 | P2â€235: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2018 UPDATE. Alzheimer's and Dementia, 2018, 14, P760. | 0.8 | 0 |
| 103 | Joint High-Order Multi-Task Feature Learning to Predict the Progression of Alzheimerâ€™s Disease. Lecture Notes in Computer Science, 2018, 11070, 555-562. | 1.3 | 13 |
| 104 | Quantitative trait loci identification for brain endophenotypes via new additive model with random networks. Bioinformatics, 2018, 34, i866-i874. | 4.1 | 11 |
| 105 | Predicting progressions of cognitive outcomes via high-order multi-modal multi-task feature learning. , 2018, , . | | 6 |
| 106 | Multiple incomplete views clustering via non-negative matrix factorization with its application in Alzheimer's disease analysis. , 2018, , . | | 5 |
| 107 | Bootstrapped Sparse Canonical Correlation Analysis. , 2018, , 101-117. | | 0 |
| 108 | A Network-Based Framework for Mining High-Level Imaging Genetic Associations. , 2018, , 119-134. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Longitudinal Genotypeâ€“Phenotype Association Study through Temporal Structure Auto-Learning Predictive Model. Journal of Computational Biology, 2018, 25, 809-824. | 1.6 | 6 |
| 110 | Pattern Discovery from High-Order Drug-Drug Interaction Relations. Journal of Healthcare Informatics Research, 2018, 2, 272-304. | 7.6 | 2 |
| 111 | Joint exploration and mining of memory-relevant brain anatomic and connectomic patterns via a three-way association model. , 2018, 2018, 6-9. | | 4 |
| 112 | Heritability Estimation of Reliable Connectomic Features. Lecture Notes in Computer Science, 2018, 11083, 58-66. | 1.3 | 8 |
| 113 | Validation of EuroSCORE II in Chinese Patients Undergoing Coronary Artery Bypass Surgery. Heart Surgery Forum, 2018, 21, 036. | 0.5 | 9 |
| 114 | Endobronchial aspergilloma associated with idiopathic pulmonary fibrosis: a case report and review of the literature. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2018, 35, 95-96. | 0.2 | 0 |
| 115 | ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. NeuroImage, 2017, 145, 389-408. | 4.2 | 173 |
| 116 | Serum Krebs von den Lungenâ€6 level as a diagnostic biomarker for interstitial lung disease in Chinese patients. Clinical Respiratory Journal, 2017, 11, 337-345. | 1.6 | 40 |
| 117 | Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624. | 12.8 | 250 |
| 118 | Histone Chaperone ASF1A Predicts Poor Outcomes for Patients With Gastrointestinal Cancer and Drives Cancer Progression by Stimulating Transcription of Î²-Catenin Target Genes. EBioMedicine, 2017, 21, 104-116. | 6.1 | 21 |
| 119 | Network-based genome wide study of hippocampal imaging phenotype in Alzheimer's Disease to identify functional interaction modules. , 2017, 2017, 6170-6174. | | 1 |
| 120 | Tissue-specific network-based genome wide study of amygdala imaging phenotypes to identify functional interaction modules. Bioinformatics, 2017, 33, 3250-3257. | 4.1 | 23 |
| 121 | Mining Outcome-relevant Brain Imaging Genetic Associations via Three-way Sparse Canonical Correlation Analysis in Alzheimerâ€™s Disease. Scientific Reports, 2017, 7, 44272. | 3.3 | 44 |
| 122 | High throughput 16SrRNA gene sequencing reveals the correlation between Propionibacterium acnes and sarcoidosis. Respiratory Research, 2017, 18, 28. | 3.6 | 27 |
| 123 | Metabolic network failures in Alzheimer's disease: A biochemical roadÂmap. Alzheimer's and Dementia, 2017, 13, 965-984. | 0.8 | 362 |
| 124 | Brain explorer for connectomic analysis. Brain Informatics, 2017, 4, 253-269. | 3.0 | 4 |
| 125 | Predicting High-Order Directional Drug-Drug Interaction Relations. , 2017, , . | | 3 |
| 126 | IMAGING GENOMICS. , 2017, 22, 51-57. | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | BECA: A Software Tool for Integrated Visualization of Human Brain Data. Lecture Notes in Computer Science, 2017, , 285-291. | 1.3 | 0 |
| 128 | Genome-wide association and interaction studies of CSF T-tau/AÎ²42 ratio in ADNI cohort. Neurobiology of Aging, 2017, 57, 247.e1-247.e8. | 3.1 | 34 |
| 129 | Association analysis of rare variants near the APOE region with CSF and neuroimaging biomarkers of Alzheimerâ€™s disease. BMC Medical Genomics, 2017, 10, 29. | 1.5 | 28 |
| 130 | Genome-wide network-based pathway analysis of CSF t-tau/AÎ²1-42 ratio in the ADNI cohort. BMC Genomics, 2017, 18, 421. | 2.8 | 13 |
| 131 | Two-dimensional enrichment analysis for mining high-level imaging genetic associations. Brain Informatics, 2017, 4, 27-37. | 3.0 | 13 |
| 132 | Pattern Discovery in Brain Imaging Genetics via SCCA Modeling with a Generic Non-convex Penalty. Scientific Reports, 2017, 7, 14052. | 3.3 | 9 |
| 133 | Pattern Discovery from Directional High-Order Drug-Drug Interaction Relations. , 2017, , . | | 4 |
| 134 | [P2â€“220]: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2016 UPDATE. Alzheimer's and Dementia, 2017, 13, P694. | 0.8 | 0 |
| 135 | [F1â€“02â€“04]: INTEGRATING MULTIâ€MODALITY IMAGING AND MULTIâ€LAYER â€OMICS TO ADVANCE THE SYSTEMS BIOLOGY OF ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P175. | 0.8 | 0 |
| 136 | IDENTIFICATION OF DISCRIMINATIVE IMAGING PROTEOMICS ASSOCIATIONS IN ALZHEIMERâ€™S DISEASE VIA A NOVEL SPARSE CORRELATION MODEL. , 2017, 22, 94-104. | | 14 |
| 137 | 0049 SLEEP AND RELATIONSHIP DURING PREGNANCY: ASSOCIATIONS AND MECHANISMS. Sleep, 2017, 40, A19-A19. | 1.1 | 0 |
| 138 | Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. Bioinformatics, 2017, 33, i341-i349. | 4.1 | 42 |
| 139 | Statistical Shape Analysis for Brain Structures. , 2017, , 351-378. | | 4 |
| 140 | Stimulator of Interferon Genes Deficiency in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. Frontiers in Immunology, 2017, 8, 1756. | 4.8 | 27 |
| 141 | Mapping longitudinal scientific progress, collaboration and impact of the Alzheimerâ€™s disease neuroimaging initiative. PLoS ONE, 2017, 12, e0186095. | 2.5 | 10 |
| 142 | Parcellation of Human Amygdala Subfields Using Orientation Distribution Function and Spectral K-means Clustering. Mathematics and Visualization, 2017, 2016, 123-132. | 0.6 | 1 |
| 143 | Longitudinal Genotype-Phenotype Association Study via Temporal Structure Auto-learning Predictive Model. Lecture Notes in Computer Science, 2017, 10229, 287-302. | 1.3 | 8 |
| 144 | Predicting Interrelated Alzheimerâ€™s Disease Outcomes via New Self-learned Structured Low-Rank Model. Lecture Notes in Computer Science, 2017, 10265, 198-209. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Identifying Associations Between Brain Imaging Phenotypes and Genetic Factors via a Novel Structured SCCA Approach. Lecture Notes in Computer Science, 2017, 10265, 543-555. | 1.3 | 12 |
| 146 | Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. Lecture Notes in Computer Science, 2017, 10541, 371-378. | 1.3 | 4 |
| 147 | Transcriptome-Guided Imaging Genetic Analysis via a Novel Sparse CCA Algorithm. Lecture Notes in Computer Science, 2017, 10551, 220-229. | 1.3 | 5 |
| 148 | Machine learning in brain imaging genomics. , 2016, , 411-434. | | 2 |
| 149 | Exosomes from Human Umbilical Cord Mesenchymal Stem Cells: Identification, Purification, and Biological Characteristics. Stem Cells International, 2016, 2016, 1-11. | 2.5 | 80 |
| 150 | Building a surface atlas of hippocampal subfields from high resolution T2-weighted MRI scans using landmark-free surface registration. , 2016, 2016, . | | 1 |
| 151 | Sparse Canonical Correlation Analysis via truncated â„“<inf>1</inf>-norm with application to brain imaging genetics. , 2016, 2016, 707-711. | | 6 |
| 152 | New Probabilistic Multi-graph Decomposition Model to Identify Consistent Human Brain Network Modules. , 2016, 2016, 301-310. | | 1 |
| 153 | O1â€12â€02: Identification of Discriminative Brain Imaging and Genomic Associations: an Alzheimerâ€™s Disease Study. Alzheimer's and Dementia, 2016, 12, P205. | 0.8 | 0 |
| 154 | ICâ€Pâ€075: The Growth and Impact of ADNI Genetics Publications as Measured by Science Mapping. Alzheimer's and Dementia, 2016, 12, P60. | 0.8 | 0 |
| 155 | P2â€098: Whole Brain Surfaceâ€Based Analysis Identified Brain Atrophy Associated with SNPS in FRMD6 Linked to Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P648. | 0.8 | 2 |
| 156 | P2â€258: The Growth and Impact of ADNI Genetics Publications as Measured by Science Mapping. Alzheimer's and Dementia, 2016, 12, P725. | 0.8 | 0 |
| 157 | P3-089: Influence of Parkinsonâ€™s Disease Candidate Genes On Lewy Body Pathology in Autopsy-Confirmed Alzheimer's Disease Cases. , 2016, 12, P854-P854. | | 0 |
| 158 | F1-02-02: Genetic Influence on Levels of Targeted Metabolites Associated with Alzheimerâ€™s Disease. , 2016, 12, P164-P165. | | 0 |
| 159 | P4-344: Volumetric Comparison of Automatically Segmented Hippocampal Subfields From 4-Min Accelerated Versus 8-Min T2-Weighted 3T Mri Scans. , 2016, 12, P1167-P1167. | | 0 |
| 160 | Identifying significant geneâ€environment interactions using a combination of screening testing and hierarchical false discovery rate control. Genetic Epidemiology, 2016, 40, 544-557. | 1.3 | 20 |
| 161 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582. | 14.8 | 213 |
| 162 | Transcription factor c-jun regulates Î²3Gn-T8 expression in gastric cancer cell line SGC-7901. Oncology Reports, 2016, 36, 1353-1360. | 2.6 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | A New Statistical Image Analysis Approach and Its Application to Hippocampal Morphometry. Lecture Notes in Computer Science, 2016, 9805, 302-310. | 1.3 | 1 |
| 164 | DIAGNOSIS-GUIDED METHOD FOR IDENTIFYING MULTI-MODALITY NEUROIMAGING BIOMARKERS ASSOCIATED WITH GENETIC RISK FACTORS IN ALZHEIMER'S DISEASE. , 2016, , . | | 4 |
| 165 | Structured sparse CCA for brain imaging genetics via graph OSCAR. BMC Systems Biology, 2016, 10, 68. | 3.0 | 9 |
| 166 | Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimerâ€™s Disease. Neuroinformatics, 2016, 14, 439-452. | 2.8 | 26 |
| 167 | Network-based analysis of genetic variants associated with hippocampal volume in Alzheimerâ€™s disease: a study of ADNI cohorts. BioData Mining, 2016, 9, 3. | 4.0 | 28 |
| 168 | Structured sparse canonical correlation analysis for brain imaging genetics: an improved GraphNet method. Bioinformatics, 2016, 32, 1544-1551. | 4.1 | 96 |
| 169 | Clinical Characteristics of Connective Tissue Disease-Associated Interstitial Lung Disease in 1,044 Chinese Patients. Chest, 2016, 149, 201-208. | 0.8 | 58 |
| 170 | Mutual amplification of HNF4Î± and IL-1R1 composes an inflammatory circuit in Helicobacter pylori associated gastric carcinogenesis. Oncotarget, 2016, 7, 11349-11363. | 1.8 | 12 |
| 171 | DIAGNOSIS-GUIDED METHOD FOR IDENTIFYING MULTI-MODALITY NEUROIMAGING BIOMARKERS ASSOCIATED WITH GENETIC RISK FACTORS IN ALZHEIMER'S DISEASE. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2016, 21, 108-19. | 0.7 | 3 |
| 172 | P3-134: Association of eye disease with increased diffusivity in the sagittal stratum. , 2015, 11, P675-P675. | | 0 |
| 173 | P1-201: Genetic findings using ADNI multimodal quantitative phenotypes: A 2014 update. , 2015, 11, P426-P426. | | 1 |
| 174 | P1-193: Anticholinergic medication use in older adults is associated with memory and hippocampal volume. , 2015, 11, P422-P422. | | 0 |
| 175 | IC-P-035: Effect of hypertension and antihypertensive medication on executive function, brain atrophy, and white matter hyperintensities. , 2015, 11, P32-P33. | | 0 |
| 176 | P4-002: Genome-wide network-based pathway analysis of CSF biomarker t-tau in the ADNI cohort. , 2015, 11, P765-P765. | | 0 |
| 177 | P4-008: Mapre2 as a novel Alzheimer's disease target gene from gwas of CSF amyloid beta 1-42, tau and hyperphosphorylated tau in the ADNI cohort. , 2015, 11, P767-P768. | | 3 |
| 178 | IC-P-034: Anticholinergic medication use in older adults is associated with memory and hippocampal volume. , 2015, 11, P32-P32. | | 0 |
| 179 | Graphic Mining of Highâ€Order Drug Interactions and Their Directional Effects on Myopathy Using Electronic Medical Records. CPT: Pharmacometrics and Systems Pharmacology, 2015, 4, 481-488. | 2.5 | 15 |
| 180 | IC-P-036: Association of eye disease with increased diffusivity in the sagittal stratum. , 2015, 11, P33-P33. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | O4-05-01: Gwas of longitudinal amyloid PET identifies IL1RAP as a new potential Alzheimer's disease target. , 2015, 11, P277-P278. | | 0 |
| 182 | The role of visualization and 3-D printing in biological data mining. BioData Mining, 2015, 8, 22. | 4.0 | 5 |
| 183 | Frequency-specific adaptation and its underlying circuit model in the auditory midbrain. Frontiers in Neural Circuits, 2015, 9, 55. | 2.8 | 15 |
| 184 | Genetic Interactions Explain Variance in Cingulate Amyloid Burden: An AV-45 PET Genome-Wide Association and Interaction Study in the ADNI Cohort. BioMed Research International, 2015, 2015, 1-11. | 1.9 | 24 |
| 185 | A Mixture Doseâ€“Response Model for Identifying Highâ€Dimensional Drug Interaction Effects on Myopathy Using Electronic Medical Record Databases. CPT: Pharmacometrics and Systems Pharmacology, 2015, 4, 474-480. | 2.5 | 12 |
| 186 | O1-04-04: Effect of hypertension and antihypertensive medication on executive function, brain atrophy, and white matter hyperintensities. , 2015, 11, P133-P134. | | 0 |
| 187 | P1-009: The nav2 (neuron navigator 2) gene as a common genetic influence across correlated episodic memory performances. , 2015, 11, P339-P340. | | 0 |
| 188 | O3-13-04: Genome-wide rare variant analysis identifies candidate genes significantly associated with composite scores for memory. , 2015, 11, P251-P252. | | 1 |
| 189 | O4-12-06: The Alzheimer's metabolome: Identification of novel markers and treatment targets. , 2015, 11, P301-P302. | | 0 |
| 190 | Cortical surface biomarkers for predicting cognitive outcomes using group l2,1 norm. Neurobiology of Aging, 2015, 36, S185-S193. | 3.1 | 43 |
| 191 | Protective variant for hippocampal atrophy identified by whole exome sequencing. Annals of Neurology, 2015, 77, 547-552. | 5.3 | 48 |
| 192 | Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229. | 27.8 | 772 |
| 193 | 2014 Update of the Alzheimer's Disease Neuroimaging Initiative: AÂreview of papers published since its inception. Alzheimer's and Dementia, 2015, 11, e1-120. | 0.8 | 261 |
| 194 | Treatment of cholestatic fibrosis by altering gene expression of Cthrc1: Implications for autoimmune and non-autoimmune liver disease. Journal of Autoimmunity, 2015, 63, 76-87. | 6.5 | 30 |
| 195 | Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans. Alzheimer's and Dementia, 2015, 11, 792-814. | 0.8 | 241 |
| 196 | Hippocampal transcriptome-guided genetic analysis of correlated episodic memory phenotypes in Alzheimer's disease. Frontiers in Genetics, 2015, 6, 117. | 2.3 | 23 |
| 197 | APOE effect on Alzheimer's disease biomarkers in older adults with significant memory concern. Alzheimer's and Dementia, 2015, 11, 1417-1429. | 0.8 | 157 |
| 198 | Surface-based morphometric analysis of hippocampal subfields in mild cognitive impairment and Alzheimer's disease. , 2015, 2015, . | | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Two-Dimensional Enrichment Analysis for Mining High-Level Imaging Genetic Associations. Lecture Notes in Computer Science, 2015, 9250, 115-124. | 1.3 | 1 |
| 200 | GWAS of longitudinal amyloid accumulation on<sup>18</sup>F-florbetapir PET in Alzheimerâ€™s disease implicates microglial activation geneIL1RAP. Brain, 2015, 138, 3076-3088. | 7.6 | 117 |
| 201 | Computed tomography assessment of peripubertal craniofacial morphology in a sheep model of binge alcohol drinking in the first trimester. Alcohol, 2015, 49, 675-689. | 1.7 | 5 |
| 202 | FASTKD2 is associated with memory and hippocampal structure in older adults. Molecular Psychiatry, 2015, 20, 1197-1204. | 7.9 | 33 |
| 203 | GN-SCCA: GraphNet Based Sparse Canonical Correlation Analysis for Brain Imaging Genetics. Lecture Notes in Computer Science, 2015, 9250, 275-284. | 1.3 | 14 |
| 204 | Integrated Visualization of Human Brain Connectome Data. Lecture Notes in Computer Science, 2015, 9250, 295-305. | 1.3 | 4 |
| 205 | Identifying Connectome Module Patterns via New Balanced Multi-graph Normalized Cut. Lecture Notes in Computer Science, 2015, 9350, 169-176. | 1.3 | 4 |
| 206 | Histone demethylase RBP2 promotes malignant progression of gastric cancer through TGF-Î²1-(p-Smad3)-RBP2-E-cadherin-Smad3 feedback circuit. Oncotarget, 2015, 6, 17661-17674. | 1.8 | 30 |
| 207 | Accelerating Sparse Canonical Correlation Analysis for Large Brain Imaging Genetics Data. , 2014, , . | | 0 |
| 208 | Joint identification of imaging and proteomics biomarkers of Alzheimer's disease using network-guided sparse learning. , 2014, 2014, 665-668. | | 1 |
| 209 | Data synthesis and method evaluation for brain imaging genetics. , 2014, 2014, 1202-1205. | | 6 |
| 210 | Î²3GnT8 regulates the metastatic potential of colorectal carcinoma cells by altering the glycosylation of CD147. Oncology Reports, 2014, 31, 1795-1801. | 2.6 | 23 |
| 211 | P3-018: INFLUENCE OF RARE PSEN1 VARIANTS ON QUANTITATIVE STRUCTURAL IMAGING AND CSF PHENOTYPES IN LATE ONSET ALZHEIMER'S DISEASE. , 2014, 10, P633-P633. | | 0 |
| 212 | Building a surface atlas of hippocampal subfields from MRI scans using FreeSurfer, FIRST and SPHARM. , 2014, 2014, 813-816. | | 10 |
| 213 | Transcriptome-guided amyloid imaging genetic analysis via a novel structured sparse learning algorithm. Bioinformatics, 2014, 30, i564-i571. | 4.1 | 57 |
| 214 | Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. Brain Imaging and Behavior, 2014, 8, 183-207. | 2.1 | 161 |
| 215 | The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182. | 2.1 | 696 |
| 216 | Computational genetics analysis of grey matter density in Alzheimerâ€™s disease. BioData Mining, 2014, 7, 17. | 4.0 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Identifying the Neuroanatomical Basis of Cognitive Impairment in Alzheimer's Disease by Correlation- and Nonlinearity-Aware Sparse Bayesian Learning. IEEE Transactions on Medical Imaging, 2014, 33, 1475-1487. | 8.9 | 49 |
| 218 | Association of plasma and cortical amyloid beta is modulated by APOE Îµ4 status. Alzheimer's and Dementia, 2014, 10, e9-e18. | 0.8 | 43 |
| 219 | APOE and BCHE as modulators of cerebral amyloid deposition: a florbetapir PET genome-wide association study. Molecular Psychiatry, 2014, 19, 351-357. | 7.9 | 181 |
| 220 | IC-P-172: GENOME-WIDE PROTEIN INTERACTION GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY. , 2014, 10, P95-P96. | | 0 |
| 221 | Improving protein order-disorder classification using charge-hydropathy plots. BMC Bioinformatics, 2014, 15, S4. | 2.6 | 63 |
| 222 | IC-P-173: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI. , 2014, 10, P96-P97. | | 0 |
| 223 | IC-P-177: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013. , 2014, 10, P99-P100. | | 0 |
| 224 | P1-230: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI. , 2014, 10, P388-P388. | | 0 |
| 225 | IC-P-174: RARE VARIANT IN PLD3 IS ASSOCIATED WITH ALZHEIMER'S PATTERN OF NEURODEGENERATIVE CHANGES. , 2014, 10, P97-P97. | | 0 |
| 226 | P3-024: NEXT-GENERATION SEQUENCING OF THE BCHE LOCUS IDENTIFIES A FUNCTIONAL SNP ASSOCIATED WITH ALZHEIMER'S DISEASE BIOMARKERS AND AGE OF ONSET. , 2014, 10, P636-P636. | | 0 |
| 227 | P4-054: ASSOCIATION OF PLASMA LEPTIN/ADIPONECTIN RATIO IN MEN WITH CSF BIOMARKERS IN THE ADNI-1 COHORT. , 2014, 10, P801-P802. | | 0 |
| 228 | P1-213: GENOME-WIDE PROTEIN INTERACTION-GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY. , 2014, 10, P381-P382. | | 0 |
| 229 | P3-017: ASSOCIATION ANALYSIS OF RARE VARIANTS NEAR THE APOE REGION WITH CEREBROSPINAL FLUID (CSF) BIOMARKERS OF ALZHEIMER'S DISEASE. , 2014, 10, P632-P633. | | 0 |
| 230 | P1-141: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013. , 2014, 10, P351-P351. | | 0 |
| 231 | P3-019: RARE VARIANT IN PLD3 IS ASSOCIATED WITH ALZHEIMER'S PATTERN OF NEURODEGENERATIVE CHANGES. , 2014, 10, P634-P634. | | 0 |
| 232 | P4-237: WHOLE GENE-BASED ASSOCIATION OF BASELINE PLASMA HOMOCYSTEINE IN THE ADNI-1 COHORT. , 2014, 10, P873-P874. | | 0 |
| 233 | Human Connectome Module Pattern Detection Using a New Multi-graph MinMax Cut Model. Lecture Notes in Computer Science, 2014, 17, 313-320. | 1.3 | 9 |
| 234 | A Novel Structure-Aware Sparse Learning Algorithm for Brain Imaging Genetics. Lecture Notes in Computer Science, 2014, 17, 329-336. | 1.3 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Histone demethylase RBP2 induced by Helicobactor Pylori CagA participates in the malignant transformation of gastric epithelial cells. Oncotarget, 2014, 5, 5798-5807. | 1.8 | 16 |
| 236 | Interactive object extraction by merging regions with k-global maximal similarity. Neurocomputing, 2013, 120, 610-623. | 5.9 | 5 |
| 237 | IC-O1-03: Hippocampal transcriptome-guided gene-gene interaction of memory phenotype in MCI and Alzheimer's disease. , 2013, 9, P4-P4. | | 0 |
| 238 | Meta-Analysis of Cohort Studies of Baseline Prehypertension and Risk of Coronary Heart Disease. American Journal of Cardiology, 2013, 112, 266-271. | 1.6 | 77 |
| 239 | Genome-wide scan of healthy human connectome discovers SPON1 gene variant influencing dementia severity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4768-4773. | 7.1 | 141 |
| 240 | Effect of prenatal alcohol exposure on bony craniofacial development: A mouse MicroCT study. Alcohol, 2013, 47, 405-415. | 1.7 | 23 |
| 241 | The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. Alzheimer's and Dementia, 2013, 9, e111-94. | 0.8 | 535 |
| 242 | Whole-exome sequencing and imaging genetics identify functional variants for rate of change in hippocampal volume in mild cognitive impairment. Molecular Psychiatry, 2013, 18, 781-787. | 7.9 | 81 |
| 243 | Identification of functional variants from whole-exome sequencing, combined with neuroimaging genetics. Molecular Psychiatry, 2013, 18, 739-739. | 7.9 | 8 |
| 244 | Development of Refractive Error in Individual Children With Regressed Retinopathy of Prematurity. , 2013, 54, 6018. | | 58 |
| 245 | Influence of TSPO Genotype on <sup>11</sup>C-PBR28 Standardized Uptake Values. Journal of Nuclear Medicine, 2013, 54, 1320-1322. | 5.0 | 56 |
| 246 | The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). Frontiers in Aging Neuroscience, 2013, 5, 11. | 3.4 | 126 |
| 247 | PARP1 Gene Variation and Microglial Activity on [11C]PBR28 PET in Older Adults at Risk for Alzheimerâ€™s Disease. Lecture Notes in Computer Science, 2013, 8159, 150-158. | 1.3 | 8 |
| 248 | A Graph-Based Integration of Multimodal Brain Imaging Data for the Detection of Early Mild Cognitive Impairment (E-MCI). Lecture Notes in Computer Science, 2013, 8159, 159-169. | 1.3 | 10 |
| 249 | Network-Guided Sparse Learning for Predicting Cognitive Outcomes from MRI Measures. Lecture Notes in Computer Science, 2013, 8159, 202-210. | 1.3 | 5 |
| 250 | A New Sparse Simplex Model for Brain Anatomical and Genetic Network Analysis. Lecture Notes in Computer Science, 2013, 16, 625-632. | 1.3 | 12 |
| 251 | Influence of Genetic Variation on Plasma Protein Levels in Older Adults Using a Multi-Analyte Panel. PLoS ONE, 2013, 8, e70269. | 2.5 | 50 |
| 252 | Genetic Clustering on the Hippocampal Surface for Genome-Wide Association Studies. Lecture Notes in Computer Science, 2013, 16, 690-697. | 1.3 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Structural Brain Network Constrained Neuroimaging Marker Identification for Predicting Cognitive Functions. Lecture Notes in Computer Science, 2013, 23, 536-547. | 1.3 | 3 |
| 254 | Identifying disease sensitive and quantitative trait-relevant biomarkers from multidimensional heterogeneous imaging genetics data via sparse multimodal multitask learning. Bioinformatics, 2012, 28, i127-i136. | 4.1 | 114 |
| 255 | Analysis of Copy Number Variation in Alzheimerâ€™s Disease: The NIALOAD/ NCRAD Family Study. Current Alzheimer Research, 2012, 9, 801-814. | 1.4 | 64 |
| 256 | Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3985-3990. | 7.1 | 50 |
| 257 | Multimodal Neuroimaging Predictors for Cognitive Performance Using Structured Sparse Learning. Lecture Notes in Computer Science, 2012, , 1-17. | 1.3 | 4 |
| 258 | From phenotype to genotype: an association study of longitudinal phenotypic markers to Alzheimer's disease relevant SNPs. Bioinformatics, 2012, 28, i619-i625. | 4.1 | 62 |
| 259 | Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. Bioinformatics, 2012, 28, 229-237. | 4.1 | 149 |
| 260 | O4â€01â€01: Classification of MCI and Alzheimer's disease from CSF biomarkers: An ADNI study of AÃŸ, tau and Pâ€tau versus 83 proteomic analytes. Alzheimer's and Dementia, 2012, 8, P609. | 0.8 | 0 |
| 261 | Sparse Bayesian multi-task learning for predicting cognitive outcomes from neuroimaging measures in Alzheimer's disease. , 2012, , . | | 15 |
| 262 | Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561. | 21.4 | 594 |
| 263 | Tea consumption and risk of stroke: a dose-response meta-analysis of prospective studies. Journal of Zhejiang University: Science B, 2012, 13, 652-662. | 2.8 | 42 |
| 264 | A large scale multivariate parallel ICA method reveals novel imagingâ€“genetic relationships for Alzheimer's disease in the ADNI cohort. NeuroImage, 2012, 60, 1608-1621. | 4.2 | 111 |
| 265 | Genome-wide pathway analysis of memory impairment in the Alzheimerâ€™s Disease Neuroimaging Initiative (ADNI) cohort implicates gene candidates, canonical pathways, and networks. Brain Imaging and Behavior, 2012, 6, 634-648. | 2.1 | 58 |
| 266 | Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimerâ€™s disease. Brain Imaging and Behavior, 2012, 6, 551-567. | 2.1 | 66 |
| 267 | Analysis of Copy Number Variation in Alzheimerâ€™s Disease in a Cohort of Clinically Characterized and Neuropathologically Verified Individuals. PLoS ONE, 2012, 7, e50640. | 2.5 | 49 |
| 268 | Multiple loci influencing hippocampal degeneration identified by genome scan. Annals of Neurology, 2012, 72, 65-75. | 5.3 | 59 |
| 269 | Pathway analysis of genomic data: concepts, methods, and prospects for future development. Trends in Genetics, 2012, 28, 323-332. | 6.7 | 237 |
| 270 | Amyloid pathway-based candidate gene analysis of [11C]PiB-PET in the Alzheimerâ€™s Disease Neuroimaging Initiative (ADNI) cohort. Brain Imaging and Behavior, 2012, 6, 1-15. | 2.1 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | The Interleukin 3 Gene (IL3) Contributes to Human Brain Volume Variation by Regulating Proliferation and Survival of Neural Progenitors. PLoS ONE, 2012, 7, e50375. | 2.5 | 33 |
| 272 | The Stereology and 3D Volume Analyses in Nervous Tissue. Springer Protocols, 2012, , 31-52. | 0.3 | 0 |
| 273 | Voxelwise gene-wide association study (vGeneWAS): Multivariate gene-based association testing in 731 elderly subjects. NeuroImage, 2011, 56, 1875-1891. | 4.2 | 116 |
| 274 | Regional reproducibility of pulsed arterial spin labeling perfusion imaging at 3T. NeuroImage, 2011, 54, 1188-1195. | 4.2 | 79 |
| 275 | Sparse multi-task regression and feature selection to identify brain imaging predictors for memory performance. , 2011, , 557-562. | | 72 |
| 276 | Genomic Copy Number Analysis in Alzheimer's Disease and Mild Cognitive Impairment: An ADNI Study. International Journal of Alzheimer's Disease, 2011, 2011, 1-10. | 2.0 | 51 |
| 277 | FOURIER METHODS FOR 3D SURFACE MODELING AND ANALYSIS. Series in Computer Vision, 2011, , 175-196. | 0.1 | 2 |
| 278 | Genome-wide association with MRI atrophy measures as a quantitative trait locus for Alzheimer's disease. Molecular Psychiatry, 2011, 16, 1130-1138. | 7.9 | 133 |
| 279 | Genome-wide association study of CSF biomarkers AÎ² <sub>1-42</sub> , t-tau, and p-tau <sub>181p</sub> in the ADNI cohort. Neurology, 2011, 76, 69-79. | 1.1 | 185 |
| 280 | Identifying AD-Sensitive and Cognition-Relevant Imaging Biomarkers via Joint Classification and Regression. Lecture Notes in Computer Science, 2011, 14, 115-123. | 1.3 | 57 |
| 281 | Hippocampal Surface Mapping of Genetic Risk Factors in AD via Sparse Learning Models. Lecture Notes in Computer Science, 2011, 14, 376-383. | 1.3 | 20 |
| 282 | Identifying Neuroimaging and Proteomic Biomarkers for MCI and AD via the Elastic Net. Lecture Notes in Computer Science, 2011, 7012, 27-34. | 1.3 | 53 |
| 283 | The effect of reference panels and software tools on genotype imputation. AMIA ... Annual Symposium proceedings, 2011, 2011, 1013-8. | 0.2 | 8 |
| 284 | Comparison of Manual and Automated Determination of Hippocampal Volumes in MCI and Early AD. Brain Imaging and Behavior, 2010, 4, 86-95. | 2.1 | 74 |
| 285 | Genetic pathwayâ€based hierarchical clustering analysis of older adults with cognitive complaints and amnestic mild cognitive impairment using clinical and neuroimaging phenotypes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1060-1069. | 1.7 | 31 |
| 286 | A commonly carried allele of the obesity-related FTO gene is associated with reduced brain volume in the healthy elderly. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8404-8409. | 7.1 | 227 |
| 287 | Voxelwise genome-wide association study (vGWAS). NeuroImage, 2010, 53, 1160-1174. | 4.2 | 239 |
| 288 | Genome-wide analysis reveals novel genes influencing temporal lobe structure with relevance to neurodegeneration in Alzheimer's disease. NeuroImage, 2010, 51, 542-554. | 4.2 | 141 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | Longitudinal MRI atrophy biomarkers: Relationship to conversion in the ADNI cohort. Neurobiology of Aging, 2010, 31, 1401-1418. | 3.1 | 230 |
| 290 | Alzheimer's Disease Neuroimaging Initiative biomarkers as quantitative phenotypes: Genetics core aims, progress, and plans. Alzheimer's and Dementia, 2010, 6, 265-273. | 0.8 | 378 |
| 291 | IC-01-04: Neuroinflammation and amyloid deposition: Concurrent [11 C]PBR28 and [11 C]PIB PET imaging in patients with Alzheimer's disease, mild cognitive impairment, and older adults with cognitive complaints. , 2010, 6, S3-S4. | | 3 |
| 292 | O3-03-01: Genome-wide association study of CSF biomarkers amyloid beta 1-42, tau and tau phosphorylated at threonine 181 in the ADNI cohort. , 2010, 6, S129-S129. | | 1 |
| 293 | O3-06-01: Association analysis of candidate SNPs on hippocampal volume and shape in mild cognitive impairment and older adults with cognitive complaints. , 2010, 6, S137-S138. | | 1 |
| 294 | Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. NeuroImage, 2010, 53, 1051-1063. | 4.2 | 340 |
| 295 | Apolipoprotein E (APOE) genotype has dissociable effects on memory and attentionalâ€“executive network function in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10256-10261. | 7.1 | 215 |
| 296 | Sparse Bayesian Learning for Identifying Imaging Biomarkers in AD Prediction. Lecture Notes in Computer Science, 2010, 13, 611-618. | 1.3 | 21 |
| 297 | Automatic Prediction of Conversion from Mild Cognitive Impairment to Probable Alzheimer's Disease using Structural Magnetic Resonance Imaging. AMIA ... Annual Symposium proceedings, 2010, 2010, 542-6. | 0.2 | 8 |
| 298 | Visual exploration of genetic association with voxel-based imaging phenotypes in an MCI/AD study. , 2009, 2009, 3849-52. | | 2 |
| 299 | Baseline MRI Predictors of Conversion from MCI to Probable AD in the ADNI Cohort. Current Alzheimer Research, 2009, 6, 347-361. | 1.4 | 484 |
| 300 | Fourier method for large-scale surface modeling and registration. Computers and Graphics, 2009, 33, 299-311. | 2.5 | 23 |
| 301 | Parametric surface modeling and registration for comparison of manual and automated segmentation of the hippocampus. Hippocampus, 2009, 19, 588-595. | 1.9 | 32 |
| 302 | THE CORRELATED EVOLUTION OF THREE-DIMENSIONAL REPRODUCTIVE STRUCTURES BETWEEN MALE AND FEMALE DAMSELFLIES. Evolution; International Journal of Organic Evolution, 2009, 63, 73-83. | 2.3 | 94 |
| 303 | MODELING THREE-DIMENSIONAL MORPHOLOGICAL STRUCTURES USING SPHERICAL HARMONICS. Evolution; International Journal of Organic Evolution, 2009, 63, 1003-1016. | 2.3 | 195 |
| 304 | Data synthesis and tool development for exploring imaging genomic patterns. , 2009, 2009, 298-305. | | 3 |
| 305 | Mining 3D Shape Data for Morphometric Pattern Discovery. , 2009, , 1236-1242. | | 0 |
| 306 | The Tempo and Mode of Threeâ€Đimensional Morphological Evolution in Male Reproductive Structures. American Naturalist, 2008, 171, E158-E178. | 2.1 | 140 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | Computational Issues in Biomedical Nanometrics and Nano-Materials. Journal of Nano Research, 2008, 1, 50-58. | 0.8 | 3 |
| 308 | Weighted Fourier Series Representation and Its Application to Quantifying the Amount of Gray Matter. IEEE Transactions on Medical Imaging, 2007, 26, 566-581. | 8.9 | 161 |
| 309 | Surface Harmonics for Shape Modeling. , 2007, , . | | 0 |
| 310 | Morphometric Analysis of Hippocampal Shape in Mild Cognitive Impairment: An Imaging Genetics Study. , 2007, , . | | 9 |
| 311 | Efficient Registration of 3D SPHARM Surfaces. , 2007, , . | | 20 |
| 312 | Hippocampal Volume and Shape Analysis in an Older Adult Population. Clinical Neuropsychologist, 2007, 21, 130-145. | 2.3 | 28 |
| 313 | Three-dimensional Models for Cardiac Bioelectricity Simulation: Cell to Organ. Simulation, 2007, 83, 321-327. | 1.8 | 2 |
| 314 | Inhibition of human neutrophil degranulation by transforming growth factor-Î²1. Clinical and Experimental Immunology, 2007, 149, 155-161. | 2.6 | 57 |
| 315 | A Novel Surface Registration Algorithm With Biomedical Modeling Applications. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 474-482. | 3.2 | 19 |
| 316 | Cardiac Motion Analysis to Improve Pacing Site Selection in CRT. Academic Radiology, 2006, 13, 1124-1134. | 2.5 | 14 |
| 317 | Spatio-temporal modeling of lung images for cancer detection. Oncology Reports, 2006, 15 Spec no., 1085-9. | 2.6 | 2 |
| 318 | Measuring blood delivery to solitary pulmonary nodules using perfusion magnetic resonance imaging. , 2006, , . | | 0 |
| 319 | Spatio-temporal analysis tool for modeling pulmonary nodules in MR images. , 2006, 6141, 740. | | 1 |
| 320 | Fast surface alignment for cardiac spatio-temporal modeling: application to Ischemic cardiac shape modeling. , 2006, , . | | 0 |
| 321 | Hemispherical Harmonic Surface Description and Applications to Medical Image Analysis. , 2006, , . | | 4 |
| 322 | Shape Analysis and Spatio-Temporal Tracking of Mesoscale Eddies in Miami Isopycnic Coordinate Ocean Model. , 2006, , . | | 3 |
| 323 | Differential regulation of neutrophil chemotaxis to IL-8 and fMLP by GM-CSF: lack of direct effect of oestradiol. Immunology, 2006, 117, 205-212. | 4.4 | 17 |
| 324 | Spherical mapping for processing of 3D closed surfaces. Image and Vision Computing, 2006, 24, 743-761. | 4.5 | 123 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | Large-Scale Modeling of Parametric Surfaces Using Spherical Harmonics. , 2006, , . | | 54 |
| 326 | A Spatio-Temporal Modeling Method for Shape Representation. , 2006, , . | | 7 |
| 327 | Multi-scale Voxel-Based Morphometry Via Weighted Spherical Harmonic Representation. Lecture Notes in Computer Science, 2006, , 36-43. | 1.3 | 5 |
| 328 | An interactive 3D visualization and manipulation tool for effective assessment of angiogenesis and arteriogenesis using computed tomographic angiography. , 2005, 5744, 848. | | 1 |
| 329 | Functional analysis of cardiac MR images using SPHARM modeling. , 2005, , . | | 8 |
| 330 | A clustering-based approach for prediction of cardiac resynchronization therapy. , 2005, , . | | 2 |
| 331 | Modeling Time-Intensity Profiles for Pulmonary Nodules in MR Images. , 2005, 2005, 1359-62. | | 1 |
| 332 | Surface Alignment of 3D Spherical Harmonic Models: Application to Cardiac MRI Analysis. Lecture Notes in Computer Science, 2005, 8, 67-74. | 1.3 | 37 |
| 333 | A Prediction Framework for Cardiac Resynchronization Therapy Via 4D Cardiac Motion Analysis. Lecture Notes in Computer Science, 2005, 8, 704-711. | 1.3 | 5 |
| 334 | Clustering Based Cardiac Resynchronization Therapy Prediction using Open Source Toolkit PRTools. The Insight Journal, 2005, , . | 0.2 | 0 |
| 335 | A surface-based approach for classification of 3D neuroanatomic structures. Intelligent Data Analysis, 2004, 8, 519-542. | 0.9 | 86 |
| 336 | Spherical parameterization for 3D surface analysis in volumetric images. , 2004, , . | | 1 |
| 337 | Synergy between IL-8 and GMâ€“CSF in reproductive tract epithelial cell secretions promotes enhanced neutrophil chemotaxis. Cellular Immunology, 2004, 230, 23-32. | 3.0 | 34 |
| 338 | Shape-based discriminative analysis of combined bilateral hippocampi using multiple object alignment. , 2004, 5370, 283. | | 4 |
| 339 | Principal components analysis of hippocampal shape in schizophrenia. Schizophrenia Research, 2003, 60, 206. | 2.0 | 6 |
| 340 | Morphometric Analysis of Brain Structures for Improved Discrimination. Lecture Notes in Computer Science, 2003, , 513-520. | 1.3 | 6 |
| 341 | Hippocampal shape analysis: surface-based representation and classification. , 2003, 5032, 253. | | 41 |
| 342 | Fast Association Discovery in Derivative Transaction Collections. Knowledge and Information Systems, 2000, 2, 147-160. | 3.2 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | New algorithms for efficient mining of association rules. Information Sciences, 1999, 118, 251-268. | 6.9 | 31 |
| 344 | Glu227-->Lys substitution in the acidic loop of major histocompatibility complex class I alpha 3 domain distinguishes low avidity CD8 coreceptor and avidity-enhanced CD8 accessory functions.. Journal of Experimental Medicine, 1996, 184, 1671-1683. | 8.5 | 19 |
| 345 | Differential ability of isolated H-2 Kb subsets to serve as TCR ligands for allo-specific CTL clones: potential role for N-linked glycosylation.. Journal of Experimental Medicine, 1995, 181, 1773-1783. | 8.5 | 15 |
| 346 | Unaggregated serum IgA binds to neutrophil FcÎ±R at physiological concentrations and is endocytosed but cross-linking is necessary to elicit a respiratory burst. Journal of Leukocyte Biology, 1994, 56, 481-487. | 3.3 | 23 |
| 347 | Lipopolysaccharide and cytokine augmentation of human monocyte IgA receptor expression and function. Journal of Immunology, 1994, 152, 4080-6. | 0.8 | 34 |
| 348 | Recombinant soluble IgA Fc receptor: generation, biochemical characterization, and functional analysis of the recombinant protein. Journal of Leukocyte Biology, 1993, 53, 223-232. | 3.3 | 13 |
| 349 | A monoclonal antibody specific for immunoglobulin A receptor triggers polymorphonuclear neutrophil superoxide release. Journal of Leukocyte Biology, 1992, 51, 373-378. | 3.3 | 23 |
| 350 | Monocyte superoxide secretion triggered by human IgA. Immunology, 1989, 68, 491-6. | 4.4 | 23 |
| 351 | My 43, a monoclonal antibody that reacts with human myeloid cells inhibits monocyte IgA binding and triggers function. Journal of Immunology, 1989, 143, 4117-22. | 0.8 | 51 |
| 352 | A combined structural-functional classification of schizophrenia using hippocampal volume plus fMRI activation. , 0, , . | | 9 |
| 353 | A system framework for the integration and analysis of multi-modal spatiotemporal data streams: a case study in MS lesion analysis. , 0, , . | | 1 |
| 354 | A spatio-temporal multi-modal data management and analysis environment for tracking MS lesions. , 0, , . | | 0 |
| 355 | SCENS: a system for the mediated sharing of sensitive data. , 0, , . | | 0 |
| 356 | K-means+ Method for Improving Gene Selection for Classification of Microarray Data. , 0, , . | | 1 |