

# Li Shen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5001772/li-shen-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

342  
papers

10,818  
citations

51  
h-index

98  
g-index

430  
ext. papers

13,151  
ext. citations

5.1  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
342	Genome-Wide association study of quantitative biomarkers identifies a novel locus for alzheimer's disease at 12p12.1.. <i>BMC Genomics</i> , <b>2022</b> , 23, 85	4.5	0
341	Identifying imaging genetic associations via regional morphometricity estimation. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2022</b> , 27, 97-108	1.3	
340	Identifying highly heritable brain amyloid phenotypes through mining Alzheimer's imaging and sequencing biobank data. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2022</b> , 27, 109-120	1.3	
339	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression.. <i>JAMA Psychiatry</i> , <b>2022</b> ,	14.5	1
338	Chest high-resolution computed tomography can make higher accurate stages for thoracic sarcoidosis than X-ray.. <i>BMC Pulmonary Medicine</i> , <b>2022</b> , 22, 146	3.5	0
337	Identifying Alzheimer's genes via brain transcriptome mapping.. <i>BMC Medical Genomics</i> , <b>2022</b> , 15, 116	3.7	
336	Novel Circulating Tumour Cell-Related Risk Model Indicates Prognosis and Immune Infiltration in Lung Adenocarcinoma. <i>Journal of Immunology Research</i> , <b>2022</b> , 2022, 1-16	4.5	0
335	Identify Consistent Cross-Modality Imaging Genetic Patterns via Discriminant Sparse Canonical Correlation Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , 18, 1549-1561	4	
334	Genetic Influence Underlying Brain Connectivity Phenotype: A Study on Two Age-Specific Cohorts.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 782953	4.5	
333	Multi-task learning based structured sparse canonical correlation analysis for brain imaging genetics. <i>Medical Image Analysis</i> , <b>2021</b> , 76, 102297	15.4	1
332	PfAP2-EXP2, an Essential Transcription Factor for the Intraerythrocytic Development of .. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 782293	5.7	1
331	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 738037	5.1	0
330	Incidence and Outcomes of Pneumonia in Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1961-1973	15.1	7
329	A structural enriched functional network: An application to predict brain cognitive performance. <i>Medical Image Analysis</i> , <b>2021</b> , 71, 102026	15.4	6
328	Multi-Task Sparse Canonical Correlation Analysis with Application to Multi-Modal Brain Imaging Genetics. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , 18, 227-239	3	9
327	A Novel Bayesian Semi-parametric Model for Learning Heritable Imaging Traits.. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 12905, 678-687	0.9	1
326	Improved Prediction of Cognitive Outcomes via Globally Aligned Imaging Biomarker Enrichments Over Progressions. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 3336-3346	5	0

325	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. <i>Annals of Palliative Medicine</i> , <b>2021</b> , 10, 7289-7297	1.7	3
324	A new sulfated triterpene glycoside from the sea cucumber <i>Colochirus quadrangularis</i> , and evaluation of its antifungal, antitumor and immunomodulatory activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 41, 116188	3.4	2
323	Laryngopharyngeal pH Monitoring in Patients With Idiopathic Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 724286	5.6	0
322	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. <i>Human Brain Mapping</i> , <b>2021</b> ,	5.9	7
321	Diagnosis of obsessive-compulsive disorder via spatial similarity-aware learning and fused deep polynomial network. <i>Medical Image Analysis</i> , <b>2021</b> , 75, 102244	15.4	1
320	Ion therapy of pulmonary fibrosis by inhalation of ionic solution derived from silicate bioceramics. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3194-3206	16.7	3
319	Interpretable temporal graph neural network for prognostic prediction of Alzheimer's disease using longitudinal neuroimaging data. <b>2021</b> , 2021, 1381-1384	0.8	
318	Integrative analysis of summary data from GWAS and eQTL studies predicts tissue-specific gene targets for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e043242	1.2	2
317	Transcriptomic profiles underlying functional brain networks at different stages of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e046163	1.2	0
316	Genome-wide association study of ADNI QT-PAD biomarkers identifies a novel locus on Chr 12. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e047579	1.2	
315	The use of ECMO in acute respiratory failure caused by <i>Pneumocystis jirovecii</i> pneumonia after renal transplant: A case report. <i>Artificial Organs</i> , <b>2020</b> , 44, 1115-1117	2.6	1
314	Mining and visualizing high-order directional drug interaction effects using the FAERS database. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 50	3.6	2
313	The genetic architecture of the human cerebral cortex. <i>Science</i> , <b>2020</b> , 367,	33.3	156
312	Pigmented purpuric dermatosis in children: a retrospective cohort with emphasis on treatment and outcomes. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2020</b> , 34, 2402-2408	4.6	1
311	A super-combo-drug test to detect adverse drug events and drug interactions from electronic health records in the era of polypharmacy. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 1458-1472	2.3	1
310	Detecting genetic associations with brain imaging phenotypes in Alzheimer's disease via a novel structured SCCA approach. <i>Medical Image Analysis</i> , <b>2020</b> , 61, 101656	15.4	20
309	Therapeutic effect of subcutaneous injection of low dose recombinant human granulocyte-macrophage colony-stimulating factor on pulmonary alveolar proteinosis. <i>Respiratory Research</i> , <b>2020</b> , 21, 1	7.3	77
308	Associating Multi-Modal Brain Imaging Phenotypes and Genetic Risk Factors via a Dirty Multi-Task Learning Method. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3416-3428	11.7	8

307	Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. <i>International Journal of Computational Biology and Drug Design</i> , <b>2020</b> , 13, 58-70	0.4	0
306	Structural Connectivity Enriched Functional Brain Network using Simplex Regression with GraphNet. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 12436, 292-302	0.9	1
305	Predicting Longitudinal Outcomes of Alzheimer's Disease via a Tensor-Based Joint Classification and Regression Model. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2020</b> , 25, 7-18	1.3	1
304	Deep Multiview Learning to Identify Population Structure with Multimodal Imaging. <i>Proceedings--IEEE International Symposium on Bioinformatics and Bioengineering</i> , <b>2020</b> , 2020, 308-314	1	
303	Polygenic mediation analysis of Alzheimer's disease implicated intermediate amyloid imaging phenotypes <b>2020</b> , 2020, 422-431	0.7	
302	Deep Multiview Learning to Identify Population Structure with Multimodal Imaging <b>2020</b> , 2020, 308-314		0
301	Effect of APOE $\epsilon$ on multimodal brain connectomic traits: a persistent homology study. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 535	3.6	3
300	Informatics and machine learning methods for health applications. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 342	3.6	0
299	Multivariate genome wide association and network analysis of subcortical imaging phenotypes in Alzheimer's disease. <i>BMC Genomics</i> , <b>2020</b> , 21, 896	4.5	5
298	The International Conference on Intelligent Biology and Medicine (ICIBM) 2020: Scalable techniques and algorithms for computational genomics. <i>BMC Genomics</i> , <b>2020</b> , 21, 831	4.5	
297	Accelerating bioinformatics research with International Conference on Intelligent Biology and Medicine 2020. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 563	3.6	
296	Persistent Feature Analysis of Multimodal Brain Networks Using Generalized Fused Lasso for EMCI Identification. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 12267, 44-52	0.9	0
295	Brain Imaging Genomics: Integrated Analysis and Machine Learning. <i>Proceedings of the IEEE</i> , <b>2020</b> , 108, 125-162	14.3	31
294	Regional imaging genetic enrichment analysis. <i>Bioinformatics</i> , <b>2020</b> , 36, 2554-2560	7.2	8
293	Joint Multi-Modal Longitudinal Regression and Classification for Alzheimer's Disease Prediction. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 1845-1855	11.7	15
292	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. <i>Medical Image Analysis</i> , <b>2020</b> , 60, 101625	15.4	35
291	A multi-model deep convolutional neural network for automatic hippocampus segmentation and classification in Alzheimer's disease. <i>NeuroImage</i> , <b>2020</b> , 208, 116459	7.9	137
290	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , <b>2020</b> , 11, 4796	17.4	16

289	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. <i>Molecular Neurodegeneration</i> , <b>2020</b> , 15, 57	19	16
288	Volumetric GWAS of medial temporal lobe structures identifies an ERC1 locus using ADNI high-resolution T2-weighted MRI data. <i>Neurobiology of Aging</i> , <b>2020</b> , 95, 81-93	5.6	3
287	Identifying diagnosis-specific genotype-phenotype associations via joint multitask sparse canonical correlation analysis and classification. <i>Bioinformatics</i> , <b>2020</b> , 36, i371-i379	7.2	8
286	Analysis of the clinical characteristics of 176 patients with pathologically confirmed cryptogenic organizing pneumonia. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 763	3.2	3
285	Cognitive biomarker prioritization in Alzheimer's Disease using brain morphometric data. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 319	3.6	1
284	A telescope GWAS analysis strategy, based on SNPs-genes-pathways ensemble and on multivariate algorithms, to characterize late onset Alzheimer's disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 12063	4.9	5
283	Hierarchical Structured Sparse Learning for Schizophrenia Identification. <i>Neuroinformatics</i> , <b>2020</b> , 18, 43-57	3.2	4
282	A report of three COVID-19 cases with prolonged viral RNA detection in anal swabs. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 786-787	9.5	16
281	Simultaneous amplification and testing method for Mycobacterium tuberculosis rRNA to differentiate sputum-negative tuberculosis from sarcoidosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 316, L519-L524	5.8	5
280	Helicobacter pylori-induced YAP1 nuclear translocation promotes gastric carcinogenesis by enhancing IL-1 $\beta$ expression. <i>Cancer Medicine</i> , <b>2019</b> , 8, 3965-3980	4.8	18
279	Identifying Imaging Markers for Predicting Cognitive Assessments Using Wasserstein Distances Based Matrix Regression. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 668	5.1	2
278	Lower dietary fibre intake, but not total water consumption, is associated with constipation: a population-based analysis. <i>Journal of Human Nutrition and Dietetics</i> , <b>2019</b> , 32, 422-431	3.1	13
277	The Role of Infection in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 5160694	4.3	22
276	Identifying Candidate Genetic Associations with MRI-Derived AD-Related ROI via Tree-Guided Sparse Learning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2019</b> , 16, 1986-1996	3.6	5
275	DIAGNOSIS STATUS GUIDED BRAIN IMAGING GENETICS VIA INTEGRATED REGRESSION AND SPARSE CANONICAL CORRELATION ANALYSIS <b>2019</b> , 2019, 356-359	1.5	3
274	Identifying progressive imaging genetic patterns via multi-task sparse canonical correlation analysis: a longitudinal study of the ADNI cohort. <i>Bioinformatics</i> , <b>2019</b> , 35, i474-i483	7.2	25
273	Targeted genetic analysis of cerebral blood flow imaging phenotypes implicates the INPP5D gene. <i>Neurobiology of Aging</i> , <b>2019</b> , 81, 213-221	5.6	16
272	Genome-wide Network-assisted Association and Enrichment Study of Amyloid Imaging Phenotype in Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2019</b> , 16, 1163-1174	3	9

271	A Dirty Multi-task Learning Method for Multi-modal Brain Imaging Genetics. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 447-455	0.9	0
270	Improved Prediction of Cognitive Outcomes via Globally Aligned Imaging Biomarker Enrichments over Progressions. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 140-148	0.9	2
269	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. <i>Personalized Medicine</i> , <b>2019</b> , 16, 247-257	2.2	11
268	Prioritization of Cognitive Assessments in Alzheimer's Disease via Learning to Rank using Brain Morphometric Data. <i>IEEE-EMBS International Conference on Biomedical and Health Informatics</i> , <b>2019</b> , 2019,	1.9	1
267	Mining Regional Imaging Genetic Associations via Voxel-wise Enrichment Analysis. <i>IEEE-EMBS International Conference on Biomedical and Health Informatics</i> , <b>2019</b> , 2019,	1.9	3
266	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 1624-1636	4.6	81
265	Joint between-sample normalization and differential expression detection through $\ell_1$ -regularized regression. <i>BMC Bioinformatics</i> , <b>2019</b> , 20, 593	3.6	1
264	Mining Directional Drug Interaction Effects on Myopathy Using the FAERS Database. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 2156-2163	7.2	5
263	A Unified Model for Joint Normalization and Differential Gene Expression Detection in RNA-Seq Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2019</b> , 16, 442-454	3	8
262	GPU Accelerated Browser for Neuroimaging Genomics. <i>Neuroinformatics</i> , <b>2018</b> , 16, 393-402	3.2	1
261	A novel SCCA approach via truncated $\ell_1$ -norm and truncated group lasso for brain imaging genetics. <i>Bioinformatics</i> , <b>2018</b> , 34, 278-285	7.2	24
260	Volumetric comparison of hippocampal subfields extracted from 4-minute accelerated vs. 8-minute high-resolution T2-weighted 3T MRI scans. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1583-1595	4.1	7
259	Translational High-Dimensional Drug Interaction Discovery and Validation Using Health Record Databases and Pharmacokinetics Models. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 103, 287-295	6.1	14
258	Longitudinal Genotype-Phenotype Association Study through Temporal Structure Auto-Learning Predictive Model. <i>Journal of Computational Biology</i> , <b>2018</b> , 25, 809-824	1.7	5
257	Pattern Discovery from High-Order Drug-Drug Interaction Relations.. <i>Journal of Healthcare Informatics Research</i> , <b>2018</b> , 2, 272-304	4	1
256	JOINT EXPLORATION AND MINING OF MEMORY-RELEVANT BRAIN ANATOMIC AND CONNECTOMIC PATTERNS VIA A THREE-WAY ASSOCIATION MODEL <b>2018</b> , 2018, 6-9	1.5	3
255	Network approaches to systems biology analysis of complex disease: integrative methods for multi-omics data. <i>Briefings in Bioinformatics</i> , <b>2018</b> , 19, 1370-1381	13.4	106
254	Validation of EuroSCORE II in Chinese Patients Undergoing Coronary Artery Bypass Surgery. <i>Heart Surgery Forum</i> , <b>2018</b> , 21, E036-E039	0.7	2

253	Endobronchial aspergilloma associated with idiopathic pulmonary fibrosis: a case report and review of the literature. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , <b>2018</b> , 35, 95-96	1.1	
252	Heritability Estimation of Reliable Connectomic Features. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 11083, 58-66	0.9	6
251	Mixture drug-count response model for the high-dimensional drug combinatory effect on myopathy. <i>Statistics in Medicine</i> , <b>2018</b> , 37, 673-686	2.3	5
250	Fast Multi-Task SCCA Learning with Feature Selection for Multi-Modal Brain Imaging Genetics <b>2018</b> , 2018, 356-361	0.8	7
249	Interactive Machine Learning by Visualization: A Small Data Solution <b>2018</b> , 2018, 3513-3521		5
248	IC-P-075: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2017 UPDATE <b>2018</b> , 14, P66-P67		
247	P2-235: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2018 UPDATE <b>2018</b> , 14, P760-P761		
246	Joint High-Order Multi-Task Feature Learning to Predict the Progression of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 11070, 555-562	0.9	7
245	Quantitative trait loci identification for brain endophenotypes via new additive model with random networks. <i>Bioinformatics</i> , <b>2018</b> , 34, i866-i874	7.2	4
244	Predicting progressions of cognitive outcomes via high-order multi-modal multi-task feature learning <b>2018</b> ,		3
243	Multiple incomplete views clustering via non-negative matrix factorization with its application in Alzheimer's disease analysis <b>2018</b> ,		2
242	Bootstrapped Sparse Canonical Correlation Analysis <b>2018</b> , 101-117		
241	A Network-Based Framework for Mining High-Level Imaging Genetic Associations <b>2018</b> , 119-134		
240	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , <b>2017</b> , 145, 389-408	7.9	142
239	Serum Krebs von den Lungen-6 level as a diagnostic biomarker for interstitial lung disease in Chinese patients. <i>Clinical Respiratory Journal</i> , <b>2017</b> , 11, 337-345	1.7	22
238	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , <b>2017</b> , 8, 13624	17.4	173
237	Histone Chaperone ASF1A Predicts Poor Outcomes for Patients With Gastrointestinal Cancer and Drives Cancer Progression by Stimulating Transcription of $\beta$ Catenin Target Genes. <i>EBioMedicine</i> , <b>2017</b> , 21, 104-116	8.8	14
236	NETWORK-BASED GENOME WIDE STUDY OF HIPPOCAMPAL IMAGING PHENOTYPE IN ALZHEIMER'S DISEASE TO IDENTIFY FUNCTIONAL INTERACTION MODULES. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , <b>2017</b> , 2017, 6170-6174	1.6	1

235	Tissue-specific network-based genome wide study of amygdala imaging phenotypes to identify functional interaction modules. <i>Bioinformatics</i> , <b>2017</b> , 33, 3250-3257	7.2	18
234	Mining Outcome-relevant Brain Imaging Genetic Associations via Three-way Sparse Canonical Correlation Analysis in Alzheimer's Disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 44272	4.9	25
233	High throughput 16SrRNA gene sequencing reveals the correlation between Propionibacterium acnes and sarcoidosis. <i>Respiratory Research</i> , <b>2017</b> , 18, 28	7.3	19
232	Metabolic network failures in Alzheimer's disease: A biochemical road map. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 965-984	1.2	201
231	Mapping longitudinal scientific progress, collaboration and impact of the Alzheimer's disease neuroimaging initiative. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186095	3.7	9
230	Brain explorer for connectomic analysis. <i>Brain Informatics</i> , <b>2017</b> , 4, 253-269	5.9	2
229	Predicting High-Order Directional Drug-Drug Interaction Relations <b>2017</b> ,		2
228	IMAGING GENOMICS. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2017</b> , 22, 51-57	1.3	1
227	BECA: A Software Tool for Integrated Visualization of Human Brain Data. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 285-291	0.9	
226	Genome-wide association and interaction studies of CSF T-tau/A $\beta$ ratio in ADNI cohort. <i>Neurobiology of Aging</i> , <b>2017</b> , 57, 247.e1-247.e8	5.6	16
225	Association analysis of rare variants near the APOE region with CSF and neuroimaging biomarkers of Alzheimer's disease. <i>BMC Medical Genomics</i> , <b>2017</b> , 10, 29	3.7	17
224	Genome-wide network-based pathway analysis of CSF t-tau/A $\beta$ -42 ratio in the ADNI cohort. <i>BMC Genomics</i> , <b>2017</b> , 18, 421	4.5	10
223	Two-dimensional enrichment analysis for mining high-level imaging genetic associations. <i>Brain Informatics</i> , <b>2017</b> , 4, 27-37	5.9	9
222	Pattern Discovery in Brain Imaging Genetics via SCCA Modeling with a Generic Non-convex Penalty. <i>Scientific Reports</i> , <b>2017</b> , 7, 14052	4.9	6
221	Pattern Discovery from Directional High-Order Drug-Drug Interaction Relations <b>2017</b> ,		3
220	[P2020]: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A 2016 UPDATE <b>2017</b> , 13, P694-P695		
219	[F10204]: INTEGRATING MULTI-MODALITY IMAGING AND MULTI-LAYER -OMICS TO ADVANCE THE SYSTEMS BIOLOGY OF ALZHEIMER'S DISEASE <b>2017</b> , 13, P175		
218	IDENTIFICATION OF DISCRIMINATIVE IMAGING PROTEOMICS ASSOCIATIONS IN ALZHEIMER'S DISEASE VIA A NOVEL SPARSE CORRELATION MODEL. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2017</b> , 22, 94-104	1.3	7



217	0049 SLEEP AND RELATIONSHIP DURING PREGNANCY: ASSOCIATIONS AND MECHANISMS. <i>Sleep</i> , <b>2017</b> , 40, A19-A19	1.1	
216	Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. <i>Bioinformatics</i> , <b>2017</b> , 33, i341-i349	7.2	39
215	Statistical Shape Analysis for Brain Structures <b>2017</b> , 351-378		3
214	Stimulator of Interferon Genes Deficiency in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1756	8.4	14
213	Longitudinal Genotype-Phenotype Association Study via Temporal Structure Auto-Learning Predictive Model. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 10229, 287-302	0.9	8
212	Predicting Interrelated Alzheimer's Disease Outcomes via New Self-Learned Structured Low-Rank Model. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 10265, 198-209	0.9	4
211	Identifying Associations Between Brain Imaging Phenotypes and Genetic Factors via A Novel Structured SCCA Approach. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 10265, 543-555	0.9	10
210	Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 10541, 371-378	0.9	4
209	A Fast SCCA Algorithm for Big Data Analysis in Brain Imaging Genetics. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 210-219	0.9	2
208	Transcriptome-Guided Imaging Genetic Analysis via a Novel Sparse CCA Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 10551, 220-229	0.9	3
207	A New Statistical Image Analysis Approach and Its Application to Hippocampal Morphometry. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 9805, 302-310	0.9	1
206	Structured sparse CCA for brain imaging genetics via graph OSCAR. <i>BMC Systems Biology</i> , <b>2016</b> , 10 Suppl 3, 68	3.5	8
205	Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimer's Disease. <i>Neuroinformatics</i> , <b>2016</b> , 14, 439-52	3.2	14
204	Network-based analysis of genetic variants associated with hippocampal volume in Alzheimer's disease: a study of ADNI cohorts. <i>BioData Mining</i> , <b>2016</b> , 9, 3	4.3	21
203	Structured sparse canonical correlation analysis for brain imaging genetics: an improved GraphNet method. <i>Bioinformatics</i> , <b>2016</b> , 32, 1544-51	7.2	66
202	Clinical Characteristics of Connective Tissue Disease-Associated Interstitial Lung Disease in 1,044 Chinese Patients. <i>Chest</i> , <b>2016</b> , 149, 201-8	5.3	44
201	DIAGNOSIS-GUIDED METHOD FOR IDENTIFYING MULTI-MODALITY NEUROIMAGING BIOMARKERS ASSOCIATED WITH GENETIC RISK FACTORS IN ALZHEIMER'S DISEASE. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2016</b> , 21, 108-19	1.3	3
200	Mutual amplification of HNF4 $\alpha$ and IL-1R1 composes an inflammatory circuit in Helicobacter pylori associated gastric carcinogenesis. <i>Oncotarget</i> , <b>2016</b> , 7, 11349-63	3.3	8

199	Parcellation of Human Amygdala Subfields Using Orientation Distribution Function and Spectral K-means Clustering. <i>Mathematics and Visualization</i> , <b>2016</b> , 2016, 123-132	0.6	1
198	Machine learning in brain imaging genomics <b>2016</b> , 411-434		1
197	Exosomes from Human Umbilical Cord Mesenchymal Stem Cells: Identification, Purification, and Biological Characteristics. <i>Stem Cells International</i> , <b>2016</b> , 2016, 1929536	5	55
196	Building a Surface Atlas of Hippocampal Subfields From High Resolution T2-weighted MRI Scans Using Landmark-free Surface Registration. <i>Midwest Symposium on Circuits and Systems</i> , <b>2016</b> , 2016,	1	1
195	Sparse Canonical Correlation Analysis via Truncated $\ell_1$ -norm with Application to Brain Imaging Genetics <b>2016</b> , 2016, 707-711	0.8	5
194	New Probabilistic Multi-Graph Decomposition Model to Identify Consistent Human Brain Network Modules. <i>IEEE International Conference on Data Mining</i> , <b>2016</b> , 2016, 301-310		1
193	O1-12-02: Identification of Discriminative Brain Imaging and Genomic Associations: an Alzheimer's Disease Study <b>2016</b> , 12, P205-P206		
192	IC-P-075: The Growth and Impact of ADNI Genetics Publications as Measured by Science Mapping <b>2016</b> , 12, P60-P61		
191	P2-098: Whole Brain Surface-Based Analysis Identified Brain Atrophy Associated with SNPS in FRMD6 Linked to Alzheimer's Disease <b>2016</b> , 12, P648-P650		1
190	P2-258: The Growth and Impact of ADNI Genetics Publications as Measured by Science Mapping <b>2016</b> , 12, P725-P726		
189	P3-089: Influence of Parkinson's Disease Candidate Genes On Lewy Body Pathology in Autopsy-Confirmed Alzheimer's Disease Cases <b>2016</b> , 12, P854-P854		
188	F1-02-02: Genetic Influence on Levels of Targeted Metabolites Associated with Alzheimer's Disease <b>2016</b> , 12, P164-P165		
187	P4-344: Volumetric Comparison of Automatically Segmented Hippocampal Subfields From 4-Min Accelerated Versus 8-Min T2-Weighted 3T Mri Scans <b>2016</b> , 12, P1167-P1167		
186	Identifying significant gene-environment interactions using a combination of screening testing and hierarchical false discovery rate control. <i>Genetic Epidemiology</i> , <b>2016</b> , 40, 544-557	2.6	15
185	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
184	Transcription factor c-jun regulates $\beta$ Gn-T8 expression in gastric cancer cell line SGC-7901. <i>Oncology Reports</i> , <b>2016</b> , 36, 1353-60	3.5	3
183	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , <b>2015</b> , 520, 224-9	50.4	601
182	2014 Update of the Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, e1-120	1.2	206

181	Treatment of cholestatic fibrosis by altering gene expression of Cthrc1: Implications for autoimmune and non-autoimmune liver disease. <i>Journal of Autoimmunity</i> , <b>2015</b> , 63, 76-87	15.5	23
180	Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans. <i>Alzheimeris and Dementia</i> , <b>2015</b> , 11, 792-814	1.2	167
179	Hippocampal transcriptome-guided genetic analysis of correlated episodic memory phenotypes in Alzheimer's disease. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 117	4.5	18
178	APOE effect on Alzheimer's disease biomarkers in older adults with significant memory concern. <i>Alzheimeris and Dementia</i> , <b>2015</b> , 11, 1417-1429	1.2	116
177	Surface-Based Morphometric Analysis of Hippocampal Subfields in Mild Cognitive Impairment and Alzheimer's Disease. <i>Midwest Symposium on Circuits and Systems</i> , <b>2015</b> , 2015,	1	4
176	Two-dimensional Enrichment Analysis for Mining High-level Imaging Genetic Associations. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9250, 115-124	0.9	0
175	GWAS of longitudinal amyloid accumulation on 18F-florbetapir PET in Alzheimer's disease implicates microglial activation gene IL1RAP. <i>Brain</i> , <b>2015</b> , 138, 3076-88	11.2	88
174	Computed tomography assessment of peripubertal craniofacial morphology in a sheep model of binge alcohol drinking in the first trimester. <i>Alcohol</i> , <b>2015</b> , 49, 675-89	2.7	4
173	FASTKD2 is associated with memory and hippocampal structure in older adults. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 1197-204	15.1	22
172	P3-134: Association of eye disease with increased diffusivity in the sagittal stratum <b>2015</b> , 11, P675-P675		
171	P1-201: Genetic findings using ADNI multimodal quantitative phenotypes: A 2014 update <b>2015</b> , 11, P426-P426		
170	P1-193: Anticholinergic medication use in older adults is associated with memory and hippocampal volume <b>2015</b> , 11, P422-P422		
169	IC-P-035: Effect of hypertension and antihypertensive medication on executive function, brain atrophy, and white matter hyperintensities <b>2015</b> , 11, P32-P33		
168	P4-002: Genome-wide network-based pathway analysis of CSF biomarker t-tau in the ADNI cohort <b>2015</b> , 11, P765-P765		
167	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 <b>2015</b> , 11, P767-P768		2
166	IC-P-034: Anticholinergic medication use in older adults is associated with memory and hippocampal volume <b>2015</b> , 11, P32-P32		
165	Graphic Mining of High-Order Drug Interactions and Their Directional Effects on Myopathy Using Electronic Medical Records. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2015</b> , 4, 481-8	4.5	11
164	IC-P-036: Association of eye disease with increased diffusivity in the sagittal stratum <b>2015</b> , 11, P33-P33		

163	O4-05-01: Gwas of longitudinal amyloid PET identifies IL1RAP as a new potential Alzheimer's disease target <b>2015</b> , 11, P277-P278		
162	The role of visualization and 3-D printing in biological data mining. <i>BioData Mining</i> , <b>2015</b> , 8, 22	4.3	4
161	Frequency-specific adaptation and its underlying circuit model in the auditory midbrain. <i>Frontiers in Neural Circuits</i> , <b>2015</b> , 9, 55	3.5	4
160	Genetic Interactions Explain Variance in Cingulate Amyloid Burden: An AV-45 PET Genome-Wide Association and Interaction Study in the ADNI Cohort. <i>BioMed Research International</i> , <b>2015</b> , 2015, 647389		17
159	A Mixture Dose-Response Model for Identifying High-Dimensional Drug Interaction Effects on Myopathy Using Electronic Medical Record Databases. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2015</b> , 4, 474-80	4.5	11
158	O1-04-04: Effect of hypertension and antihypertensive medication on executive function, brain atrophy, and white matter hyperintensities <b>2015</b> , 11, P133-P134		
157	P1-009: The nav2 (neuron navigator 2) gene as a common genetic influence across correlated episodic memory performances <b>2015</b> , 11, P339-P340		
156	O3-13-04: Genome-wide rare variant analysis identifies candidate genes significantly associated with composite scores for memory <b>2015</b> , 11, P251-P252		0
155	O4-12-06: The Alzheimer's metabolome: Identification of novel markers and treatment targets <b>2015</b> , 11, P301-P302		
154	Cortical surface biomarkers for predicting cognitive outcomes using group l2,1 norm. <i>Neurobiology of Aging</i> , <b>2015</b> , 36 Suppl 1, S185-93	5.6	33
153	Protective variant for hippocampal atrophy identified by whole exome sequencing. <i>Annals of Neurology</i> , <b>2015</b> , 77, 547-52	9.4	43
152	Histone demethylase RBP2 promotes malignant progression of gastric cancer through TGF- $\beta$ -(p-Smad3)-RBP2-E-cadherin-Smad3 feedback circuit. <i>Oncotarget</i> , <b>2015</b> , 6, 17661-74	3.3	26
151	GN-SCCA: GraphNet based Sparse Canonical Correlation Analysis for Brain Imaging Genetics. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9250, 275-284	0.9	12
150	Integrated Visualization of Human Brain Connectome Data. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9250, 295-305	0.9	4
149	Identifying Connectome Module Patterns via New Balanced Multi-Graph Normalized Cut. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9350, 169-76	0.9	3
148	Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 183-207	4.1	111
147	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 153-82	4.1	539
146	Computational genetics analysis of grey matter density in Alzheimer's disease. <i>BioData Mining</i> , <b>2014</b> , 7, 17	4.3	5

145	Identifying the neuroanatomical basis of cognitive impairment in Alzheimer's disease by correlation- and nonlinearity-aware sparse Bayesian learning. <i>IEEE Transactions on Medical Imaging</i> , <b>2014</b> , 33, 1475-87	11.7	34
144	Association of plasma and cortical amyloid beta is modulated by APOE $\epsilon$ status. <i>Alzheimeris and Dementia</i> , <b>2014</b> , 10, e9-e18	1.2	35
143	APOE and BCHE as modulators of cerebral amyloid deposition: a florbetapir PET genome-wide association study. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 351-7	15.1	145
142	IC-P-172: GENOME-WIDE PROTEIN INTERACTION GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY <b>2014</b> , 10, P95-P96		
141	Improving protein order-disorder classification using charge-hydrophathy plots. <i>BMC Bioinformatics</i> , <b>2014</b> , 15 Suppl 17, S4	3.6	38
140	IC-P-173: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI <b>2014</b> , 10, P96-P97		
139	IC-P-177: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013 <b>2014</b> , 10, P99-P100		
138	P1-230: EFFECTS OF NEWLY IDENTIFIED TOP AD CANDIDATE GENES ON MEMORY PERFORMANCE: SNP, GENE, AND EPISTASIS ANALYSES IN ADNI <b>2014</b> , 10, P388-P388		
137	IC-P-174: RARE VARIANT IN PLD3 IS ASSOCIATED WITH ALZHEIMER'S PATTERN OF NEURODEGENERATIVE CHANGES <b>2014</b> , 10, P97-P97		
136	P3-024: NEXT-GENERATION SEQUENCING OF THE BCHE LOCUS IDENTIFIES A FUNCTIONAL SNP ASSOCIATED WITH ALZHEIMER'S DISEASE BIOMARKERS AND AGE OF ONSET <b>2014</b> , 10, P636-P636		
135	P4-054: ASSOCIATION OF PLASMA LEPTIN/ADIPONECTIN RATIO IN MEN WITH CSF BIOMARKERS IN THE ADNI-1 COHORT <b>2014</b> , 10, P801-P802		
134	P1-213: GENOME-WIDE PROTEIN INTERACTION-GUIDED EPISTATIC ANALYSIS ON MEMORY PERFORMANCE: AN ADNI STUDY <b>2014</b> , 10, P381-P382		
133	P3-017: ASSOCIATION ANALYSIS OF RARE VARIANTS NEAR THE APOE REGION WITH CEREBROSPINAL FLUID (CSF) BIOMARKERS OF ALZHEIMER'S DISEASE <b>2014</b> , 10, P632-P633		
132	P1-141: GENETIC FINDINGS USING ADNI MULTIMODAL QUANTITATIVE PHENOTYPES: A REVIEW OF PAPERS PUBLISHED IN 2013 <b>2014</b> , 10, P351-P351		
131	P3-019: RARE VARIANT IN PLD3 IS ASSOCIATED WITH ALZHEIMER'S PATTERN OF NEURODEGENERATIVE CHANGES <b>2014</b> , 10, P634-P634		
130	P4-237: WHOLE GENE-BASED ASSOCIATION OF BASELINE PLASMA HOMOCYSTEINE IN THE ADNI-1 COHORT <b>2014</b> , 10, P873-P874		
129	JOINT IDENTIFICATION OF IMAGING AND PROTEOMICS BIOMARKERS OF ALZHEIMER'S DISEASE USING NETWORK-GUIDED SPARSE LEARNING <b>2014</b> , 2014, 665-668	1.5	1
128	DATA SYNTHESIS AND METHOD EVALUATION FOR BRAIN IMAGING GENETICS <b>2014</b> , 2014, 1202-1205	1.5	4

127	βGnT8 regulates the metastatic potential of colorectal carcinoma cells by altering the glycosylation of CD147. <i>Oncology Reports</i> , <b>2014</b> , 31, 1795-801	3.5	18
126	P3-018: INFLUENCE OF RARE PSEN1 VARIANTS ON QUANTITATIVE STRUCTURAL IMAGING AND CSF PHENOTYPES IN LATE ONSET ALZHEIMER'S DISEASE <b>2014</b> , 10, P633-P633		
125	Building a Surface Atlas of Hippocampal Subfields from MRI Scans using FreeSurfer, FIRST and SPHARM. <i>Midwest Symposium on Circuits and Systems</i> , <b>2014</b> , 2014, 813-816	1	9
124	Transcriptome-guided amyloid imaging genetic analysis via a novel structured sparse learning algorithm. <i>Bioinformatics</i> , <b>2014</b> , 30, i564-71	7.2	41
123	Histone demethylase RBP2 induced by Helicobacter Pylori CagA participates in the malignant transformation of gastric epithelial cells. <i>Oncotarget</i> , <b>2014</b> , 5, 5798-807	3.3	15
122	Human connectome module pattern detection using a new multi-graph MinMax cut model. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 17, 313-20	0.9	6
121	A novel structure-aware sparse learning algorithm for brain imaging genetics. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 17, 329-36	0.9	29
120	Interactive object extraction by merging regions with k-global maximal similarity. <i>Neurocomputing</i> , <b>2013</b> , 120, 610-623	5.4	2
119	IC-O103: Hippocampal transcriptome-guided gene-gene interaction of memory phenotype in MCI and Alzheimer's disease <b>2013</b> , 9, P4-P4		
118	Meta-analysis of cohort studies of baseline prehypertension and risk of coronary heart disease. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 266-71	3	67
117	Genome-wide scan of healthy human connectome discovers SPON1 gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 4768-73	11.5	123
116	Effect of prenatal alcohol exposure on bony craniofacial development: a mouse MicroCT study. <i>Alcohol</i> , <b>2013</b> , 47, 405-15	2.7	20
115	The Alzheimer's Disease Neuroimaging Initiative: a review of papers published since its inception. <i>Alzheimeris and Dementia</i> , <b>2013</b> , 9, e111-94	1.2	296
114	Whole-exome sequencing and imaging genetics identify functional variants for rate of change in hippocampal volume in mild cognitive impairment. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 781-7	15.1	63
113	Identification of functional variants from whole-exome sequencing, combined with neuroimaging genetics. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 739	15.1	8
112	Development of refractive error in individual children with regressed retinopathy of prematurity <b>2013</b> , 54, 6018-24		44
111	Influence of TSPO genotype on 11C-PBR28 standardized uptake values. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 1320-2	8.9	50
110	The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 11	5.3	110

109	Influence of genetic variation on plasma protein levels in older adults using a multi-analyte panel. <i>PLoS ONE</i> , <b>2013</b> , 8, e70269	3.7	44
108	gene variation and microglial activity on [C]PBR28 PET in older adults at risk for Alzheimer's disease. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 8159, 150-158	0.9	8
107	A Graph-Based Integration of Multimodal Brain Imaging Data for the Detection of Early Mild Cognitive Impairment (E-MCI). <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 8159, 159-169	0.9	6
106	Network-Guided Sparse Learning for Predicting Cognitive Outcomes from MRI Measures. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 8159, 202-210	0.9	5
105	A new sparse simplex model for brain anatomical and genetic network analysis. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 625-32	0.9	11
104	Genetic clustering on the hippocampal surface for genome-wide association studies. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 690-7	0.9	5
103	Structural brain network constrained neuroimaging marker identification for predicting cognitive functions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 23, 536-47	0.9	3
102	Pathway analysis of genomic data: concepts, methods, and prospects for future development. <i>Trends in Genetics</i> , <b>2012</b> , 28, 323-32	8.5	203
101	Amyloid pathway-based candidate gene analysis of [(11)C]PiB-PET in the Alzheimer's Disease Neuroimaging Initiative (ADNI) cohort. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 1-15	4.1	39
100	From phenotype to genotype: an association study of longitudinal phenotypic markers to Alzheimer's disease relevant SNPs. <i>Bioinformatics</i> , <b>2012</b> , 28, i619-i625	7.2	45
99	Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. <i>Bioinformatics</i> , <b>2012</b> , 28, 229-37	7.2	114
98	O4-01-01: Classification of MCI and Alzheimer's disease from CSF biomarkers: An ADNI study of A $\beta$ tau and P-tau versus 83 proteomic analytes <b>2012</b> , 8, P609-P610		
97	Sparse Bayesian multi-task learning for predicting cognitive outcomes from neuroimaging measures in Alzheimer's disease <b>2012</b> ,		2
96	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , <b>2012</b> , 44, 552-61	36.3	498
95	Tea consumption and risk of stroke: a dose-response meta-analysis of prospective studies. <i>Journal of Zhejiang University: Science B</i> , <b>2012</b> , 13, 652-62	4.5	33
94	A large scale multivariate parallel ICA method reveals novel imaging-genetic relationships for Alzheimer's disease in the ADNI cohort. <i>NeuroImage</i> , <b>2012</b> , 60, 1608-21	7.9	95
93	Genome-wide pathway analysis of memory impairment in the Alzheimer's Disease Neuroimaging Initiative (ADNI) cohort implicates gene candidates, canonical pathways, and networks. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 634-48	4.1	55
92	Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimer's disease. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 551-67	4.1	50

91	Analysis of copy number variation in Alzheimer's disease in a cohort of clinically characterized and neuropathologically verified individuals. <i>PLoS ONE</i> , <b>2012</b> , 7, e50640	3.7	35
90	Multiple loci influencing hippocampal degeneration identified by genome scan. <i>Annals of Neurology</i> , <b>2012</b> , 72, 65-75	9.4	50
89	Identifying disease sensitive and quantitative trait-relevant biomarkers from multidimensional heterogeneous imaging genetics data via sparse multimodal multitask learning. <i>Bioinformatics</i> , <b>2012</b> , 28, i127-36	7.2	90
88	Analysis of copy number variation in Alzheimer's disease: the NIALOAD/ NCRAD Family Study. <i>Current Alzheimer Research</i> , <b>2012</b> , 9, 801-14	3	48
87	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3985-90	11.5	43
86	Multimodal Neuroimaging Predictors for Cognitive Performance Using Structured Sparse Learning. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 1-17	0.9	3
85	The interleukin 3 gene (IL3) contributes to human brain volume variation by regulating proliferation and survival of neural progenitors. <i>PLoS ONE</i> , <b>2012</b> , 7, e50375	3.7	28
84	The Stereology and 3D Volume Analyses in Nervous Tissue. <i>Springer Protocols</i> , <b>2012</b> , 31-52	0.3	
83	Voxelwise gene-wide association study (vGeneWAS): multivariate gene-based association testing in 731 elderly subjects. <i>NeuroImage</i> , <b>2011</b> , 56, 1875-91	7.9	96
82	Regional reproducibility of pulsed arterial spin labeling perfusion imaging at 3T. <i>NeuroImage</i> , <b>2011</b> , 54, 1188-95	7.9	75
81	Sparse Multi-Task Regression and Feature Selection to Identify Brain Imaging Predictors for Memory Performance. <i>Proceedings of the IEEE International Conference on Computer Vision</i> , <b>2011</b> , 557-562	3.3	56
80	Genomic Copy Number Analysis in Alzheimer's Disease and Mild Cognitive Impairment: An ADNI Study. <i>International Journal of Alzheimer's Disease</i> , <b>2011</b> , 2011, 729478	3.7	43
79	FOURIER METHODS FOR 3D SURFACE MODELING AND ANALYSIS. <i>Series in Computer Vision</i> , <b>2011</b> , 175-196		2
78	Genome-wide association with MRI atrophy measures as a quantitative trait locus for Alzheimer's disease. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 1130-8	15.1	111
77	Genome-wide association study of CSF biomarkers Abeta1-42, t-tau, and p-tau181p in the ADNI cohort. <i>Neurology</i> , <b>2011</b> , 76, 69-79	6.5	150
76	The effect of reference panels and software tools on genotype imputation <b>2011</b> , 2011, 1013-8	0.7	8
75	Identifying AD-sensitive and cognition-relevant imaging biomarkers via joint classification and regression. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 14, 115-23	0.9	47
74	Hippocampal surface mapping of genetic risk factors in AD via sparse learning models. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 14, 376-83	0.9	19



73	Identifying Neuroimaging and Proteomic Biomarkers for MCI and AD via the Elastic Net. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 7012, 27-34	0.9	35
72	A commonly carried allele of the obesity-related FTO gene is associated with reduced brain volume in the healthy elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 8404-9	11.5	202
71	Voxelwise genome-wide association study (vGWAS). <i>NeuroImage</i> , <b>2010</b> , 53, 1160-74	7.9	197
70	Genome-wide analysis reveals novel genes influencing temporal lobe structure with relevance to neurodegeneration in Alzheimer's disease. <i>NeuroImage</i> , <b>2010</b> , 51, 542-54	7.9	119
69	Longitudinal MRI atrophy biomarkers: relationship to conversion in the ADNI cohort. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 1401-18	5.6	188
68	Alzheimer's Disease Neuroimaging Initiative biomarkers as quantitative phenotypes: Genetics core aims, progress, and plans. <i>Alzheimeris and Dementia</i> , <b>2010</b> , 6, 265-73	1.2	279
67	IC-01-04: Neuroinflammation and amyloid deposition: Concurrent [11C]PBR28 and [11C]PIB PET imaging in patients with Alzheimer's disease, mild cognitive impairment, and older adults with cognitive complaints <b>2010</b> , 6, S3-S4		3
66	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 <b>2010</b> , 6, S129-S129		1
65	O3-06-01: Association analysis of candidate SNPs on hippocampal volume and shape in mild cognitive impairment and older adults with cognitive complaints <b>2010</b> , 6, S137-S138		
64	Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. <i>NeuroImage</i> , <b>2010</b> , 53, 1051-63	7.9	266
63	Apolipoprotein E (APOE) genotype has dissociable effects on memory and attentional-executive network function in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 10256-61	11.5	172
62	Comparison of manual and automated determination of hippocampal volumes in MCI and early AD. <i>Brain Imaging and Behavior</i> , <b>2010</b> , 4, 86-95	4.1	69
61	Genetic pathway-based hierarchical clustering analysis of older adults with cognitive complaints and amnesic mild cognitive impairment using clinical and neuroimaging phenotypes. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2010</b> , 153B, 1060-9	3.5	21
60	Automatic Prediction of Conversion from Mild Cognitive Impairment to Probable Alzheimer's Disease using Structural Magnetic Resonance Imaging <b>2010</b> , 2010, 542-6	0.7	8
59	A Framework for 3D Analysis of Facial Morphology in Fetal Alcohol Syndrome. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 118-127	0.9	4
58	Sparse bayesian learning for identifying imaging biomarkers in AD prediction. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 13, 611-8	0.9	18
57	Visual exploration of genetic association with voxel-based imaging phenotypes in an MCI/AD study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2009</b> , 2009, 3849-52	0.9	2
56	Baseline MRI predictors of conversion from MCI to probable AD in the ADNI cohort. <i>Current Alzheimer Research</i> , <b>2009</b> , 6, 347-61	3	408

55	Fourier method for large scale surface modeling and registration. <i>Computers and Graphics</i> , <b>2009</b> , 33, 299-311	1.8	15
54	Parametric surface modeling and registration for comparison of manual and automated segmentation of the hippocampus. <i>Hippocampus</i> , <b>2009</b> , 19, 588-95	3.5	25
53	The correlated evolution of three-dimensional reproductive structures between male and female damselflies. <i>Evolution; International Journal of Organic Evolution</i> , <b>2009</b> , 63, 73-83	3.8	85
52	Modeling three-dimensional morphological structures using spherical harmonics. <i>Evolution; International Journal of Organic Evolution</i> , <b>2009</b> , 63, 1003-16	3.8	138
51	Data Synthesis and Tool Development for Exploring Imaging Genomic Patterns <b>2009</b> , 2009, 298-305		3
50	Mining 3D Shape Data for Morphometric Pattern Discovery <b>2009</b> , 1236-1242		
49	The tempo and mode of three-dimensional morphological evolution in male reproductive structures. <i>American Naturalist</i> , <b>2008</b> , 171, E158-78	3.7	120
48	Computational Issues in Biomedical Nanometrics and Nano-Materials. <i>Journal of Nano Research</i> , <b>2008</b> , 1, 50-58	1	1
47	Inhibition of human neutrophil degranulation by transforming growth factor-beta1. <i>Clinical and Experimental Immunology</i> , <b>2007</b> , 149, 155-61	6.2	49
46	A novel surface registration algorithm with biomedical modeling applications. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2007</b> , 11, 474-82		16
45	Weighted fourier series representation and its application to quantifying the amount of gray matter. <i>IEEE Transactions on Medical Imaging</i> , <b>2007</b> , 26, 566-81	11.7	125
44	<b>2007</b> ,		7
43	Efficient Registration of 3D SPHARM Surfaces <b>2007</b> ,		10
42	Hippocampal volume and shape analysis in an older adult population. <i>Clinical Neuropsychologist</i> , <b>2007</b> , 21, 130-45	4.4	24
41	Three-dimensional Models for Cardiac Bioelectricity Simulation: Cell to Organ. <i>Simulation</i> , <b>2007</b> , 83, 321-327		2
40	Large-Scale Modeling of Parametric Surfaces Using Spherical Harmonics <b>2006</b> ,		42
39	A Spatio-Temporal Modeling Method for Shape Representation <b>2006</b> ,		5
38	Cardiac motion analysis to improve pacing site selection in CRT. <i>Academic Radiology</i> , <b>2006</b> , 13, 1124-34	4.3	9

37	Spatio-temporal modeling of lung images for cancer detection. <i>Oncology Reports</i> , <b>2006</b> , 15 Spec no., 1085-9		3.5
36	Spatio-temporal analysis tool for modeling pulmonary nodules in MR images <b>2006</b> , 6141, 740		1
35	Hemispherical Harmonic Surface Description and Applications to Medical Image Analysis <b>2006</b> ,		2
34	Shape Analysis and Spatio-Temporal Tracking of Mesoscale Eddies in Miami Isopycnic Coordinate Ocean Model <b>2006</b> ,		3
33	Differential regulation of neutrophil chemotaxis to IL-8 and fMLP by GM-CSF: lack of direct effect of oestradiol. <i>Immunology</i> , <b>2006</b> , 117, 205-12	7.8	14
32	Spherical mapping for processing of 3D closed surfaces. <i>Image and Vision Computing</i> , <b>2006</b> , 24, 743-761	3.7	85
31	Multi-scale Voxel-Based Morphometry Via Weighted Spherical Harmonic Representation. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 36-43	0.9	4
30	Surface alignment of 3D spherical harmonic models: application to cardiac MRI analysis. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 8, 67-74	0.9	23
29	Functional analysis of cardiac MR images using SPHARM modeling <b>2005</b> ,		7
28	A clustering-based approach for prediction of cardiac resynchronization therapy <b>2005</b> ,		2
27	Modeling Time-Intensity Profiles for Pulmonary Nodules in MR Images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2005</b> , 2005, 1359-62		
26	A prediction framework for cardiac resynchronization therapy via 4D cardiac motion analysis. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 8, 704-11	0.9	4
25	A surface-based approach for classification of 3D neuroanatomic structures. <i>Intelligent Data Analysis</i> , <b>2004</b> , 8, 519-542	1.1	68
24	Spherical parameterization for 3D surface analysis in volumetric images <b>2004</b> ,		1
23	Synergy between IL-8 and GM-CSF in reproductive tract epithelial cell secretions promotes enhanced neutrophil chemotaxis. <i>Cellular Immunology</i> , <b>2004</b> , 230, 23-32	4.4	33
22	Shape-based discriminative analysis of combined bilateral hippocampi using multiple object alignment <b>2004</b> , 5370, 283		4
21	Hippocampal shape analysis: surface-based representation and classification <b>2003</b> , 5032, 253		25
20	Principal components analysis of hippocampal shape in schizophrenia. <i>Schizophrenia Research</i> , <b>2003</b> , 60, 206	3.6	3

19	Morphometric Analysis of Brain Structures for Improved Discrimination. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 513-520	0.9	5
18	Fast Association Discovery in Derivative Transaction Collections. <i>Knowledge and Information Systems</i> , <b>2000</b> , 2, 147-160	2.4	
17	New algorithms for efficient mining of association rules. <i>Information Sciences</i> , <b>1999</b> , 118, 251-268	7.7	21
16	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. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 184, 1671-83	16.6	17
15	Differential ability of isolated H-2 Kb subsets to serve as TCR ligands for allo-specific CTL clones: potential role for N-linked glycosylation. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 181, 1773-83	16.6	14
14	Unaggregated serum IgA binds to neutrophil Fc alpha R at physiological concentrations and is endocytosed but cross-linking is necessary to elicit a respiratory burst. <i>Journal of Leukocyte Biology</i> , <b>1994</b> , 56, 481-7	6.5	22
13	Lipopolysaccharide and cytokine augmentation of human monocyte IgA receptor expression and function. <i>Journal of Immunology</i> , <b>1994</b> , 152, 4080-6	5.3	34
12	Recombinant soluble IgA Fc receptor: generation, biochemical characterization, and functional analysis of the recombinant protein. <i>Journal of Leukocyte Biology</i> , <b>1993</b> , 53, 223-32	6.5	13
11	A monoclonal antibody specific for immunoglobulin A receptor triggers polymorphonuclear neutrophil superoxide release. <i>Journal of Leukocyte Biology</i> , <b>1992</b> , 51, 373-8	6.5	20
10	My 43, a monoclonal antibody that reacts with human myeloid cells inhibits monocyte IgA binding and triggers function. <i>Journal of Immunology</i> , <b>1989</b> , 143, 4117-22	5.3	51
9	Monocyte superoxide secretion triggered by human IgA. <i>Immunology</i> , <b>1989</b> , 68, 491-6	7.8	21
8	A system framework for the integration and analysis of multi-modal spatiotemporal data streams: a case study in MS lesion analysis		1
7	K-means+ method for improving gene selection for classification of microarray data		1
6	A combined structural-functional classification of schizophrenia using hippocampal volume plus fMRI activation		4
5	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
4	The genetic architecture of the human cerebral cortex		12
3	Planar cell polarity pathway and development of the human visual cortex		1
2	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7

1 Heritability of regional brain volumes in large-scale neuroimaging and genetic studies

1