

# Li Shen

## List of Publications by Year in descending order

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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	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
3	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
4	The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2013, 9, e111-94.	0.8	535
5	Baseline MRI Predictors of Conversion from MCI to Probable AD in the ADNI Cohort. <i>Current Alzheimer Research</i> , 2009, 6, 347-361.	1.4	484
6	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
7	Alzheimer's Disease Neuroimaging Initiative biomarkers as quantitative phenotypes: Genetics core aims, progress, and plans. <i>Alzheimer's and Dementia</i> , 2010, 6, 265-273.	0.8	378
8	Metabolic network failures in Alzheimer's disease: A biochemical road map. <i>Alzheimer's and Dementia</i> , 2017, 13, 965-984.	0.8	362
9	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> , 2010, 53, 1051-1063.	4.2	340
10	A multi-model deep convolutional neural network for automatic hippocampus segmentation and classification in Alzheimer's disease. <i>NeuroImage</i> , 2020, 208, 116459.	4.2	306
11	2014 Update of the Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2015, 11, e1-120.	0.8	261
12	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
13	Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans. <i>Alzheimer's and Dementia</i> , 2015, 11, 792-814.	0.8	241
14	Voxelwise genome-wide association study (vGWAS). <i>NeuroImage</i> , 2010, 53, 1160-1174.	4.2	239
15	Pathway analysis of genomic data: concepts, methods, and prospects for future development. <i>Trends in Genetics</i> , 2012, 28, 323-332.	6.7	237
16	Longitudinal MRI atrophy biomarkers: Relationship to conversion in the ADNI cohort. <i>Neurobiology of Aging</i> , 2010, 31, 1401-1418.	3.1	230
17	A commonly carried allele of the obesity-related <i>FTO</i> 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> , 2010, 107, 8404-8409.	7.1	227
18	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> , 2010, 107, 10256-10261.	7.1	215

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19	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
20	Therapeutic effect of subcutaneous injection of low dose recombinant human granulocyte-macrophage colony-stimulating factor on pulmonary alveolar proteinosis. <i>Respiratory Research</i> , 2020, 21, 1.	3.6	200
21	MODELING THREE-DIMENSIONAL MORPHOLOGICAL STRUCTURES USING SPHERICAL HARMONICS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1003-1016.	2.3	195
22	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
23	Genome-wide association study of CSF biomarkers $A\beta_{1-42}$ , $\tau$ -tau, and p-tau $_{181p}$ in the ADNI cohort. <i>Neurology</i> , 2011, 76, 69-79.	1.1	185
24	Network approaches to systems biology analysis of complex disease: integrative methods for multi-omics data. <i>Briefings in Bioinformatics</i> , 2018, 19, 1370-1381.	6.5	185
25	APOE and BCHE as modulators of cerebral amyloid deposition: a florbetapir PET genome-wide association study. <i>Molecular Psychiatry</i> , 2014, 19, 351-357.	7.9	181
26	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
27	Weighted Fourier Series Representation and Its Application to Quantifying the Amount of Gray Matter. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 566-581.	8.9	161
28	Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. <i>Brain Imaging and Behavior</i> , 2014, 8, 183-207.	2.1	161
29	<i>APOE</i> effect on Alzheimer's disease biomarkers in older adults with significant memory concern. <i>Alzheimer's and Dementia</i> , 2015, 11, 1417-1429.	0.8	157
30	Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. <i>Bioinformatics</i> , 2012, 28, 229-237.	4.1	149
31	Genome-wide analysis reveals novel genes influencing temporal lobe structure with relevance to neurodegeneration in Alzheimer's disease. <i>NeuroImage</i> , 2010, 51, 542-554.	4.2	141
32	Genome-wide scan of healthy human connectome discovers <i>SPON1</i> gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4768-4773.	7.1	141
33	The Tempo and Mode of Three-dimensional Morphological Evolution in Male Reproductive Structures. <i>American Naturalist</i> , 2008, 171, E158-E178.	2.1	140
34	Genome-wide association with MRI atrophy measures as a quantitative trait locus for Alzheimer's disease. <i>Molecular Psychiatry</i> , 2011, 16, 1130-1138.	7.9	133
35	The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 11.	3.4	126
36	Spherical mapping for processing of 3D closed surfaces. <i>Image and Vision Computing</i> , 2006, 24, 743-761.	4.5	123

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37	GWAS of longitudinal amyloid accumulation on <sup>18</sup> F-florbetapir PET in Alzheimer's disease implicates microglial activation gene <i>IL1RAP</i> . <i>Brain</i> , 2015, 138, 3076-3088.	7.6	117
38	Voxelwise gene-wide association study (vGeneWAS): Multivariate gene-based association testing in 731 elderly subjects. <i>NeuroImage</i> , 2011, 56, 1875-1891.	4.2	116
39	Identifying disease sensitive and quantitative trait-relevant biomarkers from multidimensional heterogeneous imaging genetics data via sparse multimodal multitask learning. <i>Bioinformatics</i> , 2012, 28, i127-i136.	4.1	114
40	A large scale multivariate parallel ICA method reveals novel imaging-genetic relationships for Alzheimer's disease in the ADNI cohort. <i>NeuroImage</i> , 2012, 60, 1608-1621.	4.2	111
41	Brain Imaging Genomics: Integrated Analysis and Machine Learning. <i>Proceedings of the IEEE</i> , 2020, 108, 125-162.	21.3	100
42	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. <i>Medical Image Analysis</i> , 2020, 60, 101625.	11.6	99
43	Structured sparse canonical correlation analysis for brain imaging genetics: an improved GraphNet method. <i>Bioinformatics</i> , 2016, 32, 1544-1551.	4.1	96
44	THE CORRELATED EVOLUTION OF THREE-DIMENSIONAL REPRODUCTIVE STRUCTURES BETWEEN MALE AND FEMALE DAMSELFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 73-83.	2.3	94
45	A surface-based approach for classification of 3D neuroanatomic structures. <i>Intelligent Data Analysis</i> , 2004, 8, 519-542.	0.9	86
46	Whole-exome sequencing and imaging genetics identify functional variants for rate of change in hippocampal volume in mild cognitive impairment. <i>Molecular Psychiatry</i> , 2013, 18, 781-787.	7.9	81
47	Exosomes from Human Umbilical Cord Mesenchymal Stem Cells: Identification, Purification, and Biological Characteristics. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	80
48	Regional reproducibility of pulsed arterial spin labeling perfusion imaging at 3T. <i>NeuroImage</i> , 2011, 54, 1188-1195.	4.2	79
49	Meta-Analysis of Cohort Studies of Baseline Prehypertension and Risk of Coronary Heart Disease. <i>American Journal of Cardiology</i> , 2013, 112, 266-271.	1.6	77
50	Comparison of Manual and Automated Determination of Hippocampal Volumes in MCI and Early AD. <i>Brain Imaging and Behavior</i> , 2010, 4, 86-95.	2.1	74
51	Sparse multi-task regression and feature selection to identify brain imaging predictors for memory performance. <i>NeuroImage</i> , 2011, 54, 557-562.		72
52	Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2012, 6, 551-567.	2.1	66
53	Analysis of Copy Number Variation in Alzheimer's Disease: The NIALOAD/ NCRAD Family Study. <i>Current Alzheimer Research</i> , 2012, 9, 801-814.	1.4	64
54	Improving protein order-disorder classification using charge-hydrophobicity plots. <i>BMC Bioinformatics</i> , 2014, 15, S4.	2.6	63

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55	From phenotype to genotype: an association study of longitudinal phenotypic markers to Alzheimer's disease relevant SNPs. <i>Bioinformatics</i> , 2012, 28, i619-i625.	4.1	62
56	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
57	Multiple loci influencing hippocampal degeneration identified by genome scan. <i>Annals of Neurology</i> , 2012, 72, 65-75.	5.3	59
58	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> , 2012, 6, 634-648.	2.1	58
59	Development of Refractive Error in Individual Children With Regressed Retinopathy of Prematurity. , 2013, 54, 6018.		58
60	Clinical Characteristics of Connective Tissue Disease-Associated Interstitial Lung Disease in 1,044 Chinese Patients. <i>Chest</i> , 2016, 149, 201-208.	0.8	58
61	Inhibition of human neutrophil degranulation by transforming growth factor- $\beta$ 1. <i>Clinical and Experimental Immunology</i> , 2007, 149, 155-161.	2.6	57
62	Transcriptome-guided amyloid imaging genetic analysis via a novel structured sparse learning algorithm. <i>Bioinformatics</i> , 2014, 30, i564-i571.	4.1	57
63	Identifying AD-Sensitive and Cognition-Relevant Imaging Biomarkers via Joint Classification and Regression. <i>Lecture Notes in Computer Science</i> , 2011, 14, 115-123.	1.3	57
64	Influence of <i>TSP0</i> Genotype on <sup>11</sup> C-PBR28 Standardized Uptake Values. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1320-1322.	5.0	56
65	Large-Scale Modeling of Parametric Surfaces Using Spherical Harmonics. , 2006, , .		54
66	Detecting genetic associations with brain imaging phenotypes in Alzheimer's disease via a novel structured SCCA approach. <i>Medical Image Analysis</i> , 2020, 61, 101656.	11.6	53
67	Identifying Neuroimaging and Proteomic Biomarkers for MCI and AD via the Elastic Net. <i>Lecture Notes in Computer Science</i> , 2011, 7012, 27-34.	1.3	53
68	Genomic Copy Number Analysis in Alzheimer's Disease and Mild Cognitive Impairment: An ADNI Study. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-10.	2.0	51
69	My 43, a monoclonal antibody that reacts with human myeloid cells inhibits monocyte IgA binding and triggers function. <i>Journal of Immunology</i> , 1989, 143, 4117-22.	0.8	51
70	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> , 2012, 109, 3985-3990.	7.1	50
71	Influence of Genetic Variation on Plasma Protein Levels in Older Adults Using a Multi-Analyte Panel. <i>PLoS ONE</i> , 2013, 8, e70269.	2.5	50
72	Analysis of Copy Number Variation in Alzheimer's Disease in a Cohort of Clinically Characterized and Neuropathologically Verified Individuals. <i>PLoS ONE</i> , 2012, 7, e50640.	2.5	49

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73	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> , 2014, 33, 1475-1487.	8.9	49
74	Protective variant for hippocampal atrophy identified by whole exome sequencing. <i>Annals of Neurology</i> , 2015, 77, 547-552.	5.3	48
75	Amyloid pathway-based candidate gene analysis of [11C]PiB-PET in the Alzheimer's Disease Neuroimaging Initiative (ADNI) cohort. <i>Brain Imaging and Behavior</i> , 2012, 6, 1-15.	2.1	47
76	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. <i>JAMA Psychiatry</i> , 2022, 79, 464.	11.0	47
77	Mining Outcome-relevant Brain Imaging Genetic Associations via Three-way Sparse Canonical Correlation Analysis in Alzheimer's Disease. <i>Scientific Reports</i> , 2017, 7, 44272.	3.3	44
78	Association of plasma and cortical amyloid beta is modulated by $\epsilon$ APOE $\epsilon$ $\mu$ 4 status. <i>Alzheimer's and Dementia</i> , 2014, 10, e9-e18.	0.8	43
79	Cortical surface biomarkers for predicting cognitive outcomes using group l <sub>2,1</sub> norm. <i>Neurobiology of Aging</i> , 2015, 36, S185-S193.	3.1	43
80	Tea consumption and risk of stroke: a dose-response meta-analysis of prospective studies. <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 652-662.	2.8	42
81	Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. <i>Bioinformatics</i> , 2017, 33, i341-i349.	4.1	42
82	Hippocampal shape analysis: surface-based representation and classification. , 2003, 5032, 253.		41
83	Serum Krebs von den Lungen-6 level as a diagnostic biomarker for interstitial lung disease in Chinese patients. <i>Clinical Respiratory Journal</i> , 2017, 11, 337-345.	1.6	40
84	Joint Multi-Modal Longitudinal Regression and Classification for Alzheimer's Disease Prediction. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1845-1855.	8.9	40
85	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> , 2022, 43, 352-372.	3.6	39
86	The Role of Infection in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-10.	3.0	38
87	Surface Alignment of 3D Spherical Harmonic Models: Application to Cardiac MRI Analysis. <i>Lecture Notes in Computer Science</i> , 2005, 8, 67-74.	1.3	37
88	Identifying progressive imaging genetic patterns via multi-task sparse canonical correlation analysis: a longitudinal study of the ADNI cohort. <i>Bioinformatics</i> , 2019, 35, i474-i483.	4.1	36
89	<i>Helicobacter pylori</i> induced YAP1 nuclear translocation promotes gastric carcinogenesis by enhancing $\beta$ -catenin expression. <i>Cancer Medicine</i> , 2019, 8, 3965-3980.	2.8	36
90	A Novel Structure-Aware Sparse Learning Algorithm for Brain Imaging Genetics. <i>Lecture Notes in Computer Science</i> , 2014, 17, 329-336.	1.3	36

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91	Incidence and Outcomes of Pneumonia in Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1961-1973.	2.8	35
92	Synergy between IL-8 and GM-CSF in reproductive tract epithelial cell secretions promotes enhanced neutrophil chemotaxis. <i>Cellular Immunology</i> , 2004, 230, 23-32.	3.0	34
93	Genome-wide association and interaction studies of CSF T-tau/Î²42 ratio in ADNI cohort. <i>Neurobiology of Aging</i> , 2017, 57, 247.e1-247.e8.	3.1	34
94	Lipopolysaccharide and cytokine augmentation of human monocyte IgA receptor expression and function. <i>Journal of Immunology</i> , 1994, 152, 4080-6.	0.8	34
95	FASTKD2 is associated with memory and hippocampal structure in older adults. <i>Molecular Psychiatry</i> , 2015, 20, 1197-1204.	7.9	33
96	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. <i>Molecular Neurodegeneration</i> , 2020, 15, 57.	10.8	33
97	The Interleukin 3 Gene (IL3) Contributes to Human Brain Volume Variation by Regulating Proliferation and Survival of Neural Progenitors. <i>PLoS ONE</i> , 2012, 7, e50375.	2.5	33
98	Parametric surface modeling and registration for comparison of manual and automated segmentation of the hippocampus. <i>Hippocampus</i> , 2009, 19, 588-595.	1.9	32
99	New algorithms for efficient mining of association rules. <i>Information Sciences</i> , 1999, 118, 251-268.	6.9	31
100	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> , 2010, 153B, 1060-1069.	1.7	31
101	A novel SCCA approach via truncated $\ell_1$ -norm and truncated group lasso for brain imaging genetics. <i>Bioinformatics</i> , 2018, 34, 278-285.	4.1	31
102	Treatment of cholestatic fibrosis by altering gene expression of Cthrc1: Implications for autoimmune and non-autoimmune liver disease. <i>Journal of Autoimmunity</i> , 2015, 63, 76-87.	6.5	30
103	Targeted genetic analysis of cerebral blood flow imaging phenotypes implicates the INPP5D gene. <i>Neurobiology of Aging</i> , 2019, 81, 213-221.	3.1	30
104	Histone demethylase RBP2 promotes malignant progression of gastric cancer through TGF-Î²1-(p-Smad3)-RBP2-E-cadherin-Smad3 feedback circuit. <i>Oncotarget</i> , 2015, 6, 17661-17674.	1.8	30
105	Hippocampal Volume and Shape Analysis in an Older Adult Population. <i>Clinical Neuropsychologist</i> , 2007, 21, 130-145.	2.3	28
106	Network-based analysis of genetic variants associated with hippocampal volume in Alzheimer's disease: a study of ADNI cohorts. <i>BioData Mining</i> , 2016, 9, 3.	4.0	28
107	Association analysis of rare variants near the APOE region with CSF and neuroimaging biomarkers of Alzheimer's disease. <i>BMC Medical Genomics</i> , 2017, 10, 29.	1.5	28
108	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. <i>Personalized Medicine</i> , 2019, 16, 247-257.	1.5	28

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109	High throughput 16SrRNA gene sequencing reveals the correlation between Propionibacterium acnes and sarcoidosis. Respiratory Research, 2017, 18, 28.	3.6	27
110	Stimulator of Interferon Genes Deficiency in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. Frontiers in Immunology, 2017, 8, 1756.	4.8	27
111	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
112	Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimer's Disease. Neuroinformatics, 2016, 14, 439-452.	2.8	26
113	Lower dietary fibre intake, but not total water consumption, is associated with constipation: a population-based analysis. Journal of Human Nutrition and Dietetics, 2019, 32, 422-431.	2.5	26
114	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
115	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
116	A monoclonal antibody specific for immunoglobulin A receptor triggers polymorphonuclear neutrophil superoxide release. Journal of Leukocyte Biology, 1992, 51, 373-378.	3.3	23
117	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. Journal of Leukocyte Biology, 1994, 56, 481-487.	3.3	23
118	Fourier method for large-scale surface modeling and registration. Computers and Graphics, 2009, 33, 299-311.	2.5	23
119	Effect of prenatal alcohol exposure on bony craniofacial development: A mouse MicroCT study. Alcohol, 2013, 47, 405-415.	1.7	23
120	$\beta$ 23GnT8 regulates the metastatic potential of colorectal carcinoma cells by altering the glycosylation of CD147. Oncology Reports, 2014, 31, 1795-1801.	2.6	23
121	Hippocampal transcriptome-guided genetic analysis of correlated episodic memory phenotypes in Alzheimer's disease. Frontiers in Genetics, 2015, 6, 117.	2.3	23
122	Tissue-specific network-based genome wide study of amygdala imaging phenotypes to identify functional interaction modules. Bioinformatics, 2017, 33, 3250-3257.	4.1	23
123	Monocyte superoxide secretion triggered by human IgA. Immunology, 1989, 68, 491-6.	4.4	23
124	Translational High-Dimensional Drug Interaction Discovery and Validation Using Health Record Databases and Pharmacokinetics Models. Clinical Pharmacology and Therapeutics, 2018, 103, 287-295.	4.7	22
125	Histone Chaperone ASF1A Predicts Poor Outcomes for Patients With Gastrointestinal Cancer and Drives Cancer Progression by Stimulating Transcription of $\beta$ 2-Catenin Target Genes. EBioMedicine, 2017, 21, 104-116.	6.1	21
126	Sparse Bayesian Learning for Identifying Imaging Biomarkers in AD Prediction. Lecture Notes in Computer Science, 2010, 13, 611-618.	1.3	21



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127	Efficient Registration of 3D SPHARM Surfaces. , 2007, , .		20
128	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
129	Identifying diagnosis-specific genotypeâ€phenotype associations via joint multitask sparse canonical correlation analysis and classification. Bioinformatics, 2020, 36, i371-i379.	4.1	20
130	Ideas for how informaticians can get involved with COVID-19 research. BioData Mining, 2020, 13, 3.	4.0	20
131	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
132	Glu227-&gt;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
133	A Novel Surface Registration Algorithm With Biomedical Modeling Applications. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 474-482.	3.2	19
134	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
135	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
136	Interactive Machine Learning by Visualization: A Small Data Solution. , 2018, 2018, 3513-3521.		16
137	Regional imaging genetic enrichment analysis. Bioinformatics, 2020, 36, 2554-2560.	4.1	16
138	A structural enriched functional network: An application to predict brain cognitive performance. Medical Image Analysis, 2021, 71, 102026.	11.6	16
139	Histone demethylase RBP2 induced by Helicobacter Pylori CagA participates in the malignant transformation of gastric epithelial cells. Oncotarget, 2014, 5, 5798-5807.	1.8	16
140	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
141	Sparse Bayesian multi-task learning for predicting cognitive outcomes from neuroimaging measures in Alzheimer's disease. , 2012, , .		15
142	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
143	Frequency-specific adaptation and its underlying circuit model in the auditory midbrain. Frontiers in Neural Circuits, 2015, 9, 55.	2.8	15
144	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

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145	Ion therapy of pulmonary fibrosis by inhalation of ionic solution derived from silicate bioceramics. <i>Bioactive Materials</i> , 2021, 6, 3194-3206.	15.6	15
146	Cardiac Motion Analysis to Improve Pacing Site Selection in CRT. <i>Academic Radiology</i> , 2006, 13, 1124-1134.	2.5	14
147	IDENTIFICATION OF DISCRIMINATIVE IMAGING PROTEOMICS ASSOCIATIONS IN ALZHEIMER'S DISEASE VIA A NOVEL SPARSE CORRELATION MODEL. , 2017, 22, 94-104.		14
148	GN-SCCA: GraphNet Based Sparse Canonical Correlation Analysis for Brain Imaging Genetics. <i>Lecture Notes in Computer Science</i> , 2015, 9250, 275-284.	1.3	14
149	Recombinant soluble IgA Fc receptor: generation, biochemical characterization, and functional analysis of the recombinant protein. <i>Journal of Leukocyte Biology</i> , 1993, 53, 223-232.	3.3	13
150	Genome-wide network-based pathway analysis of CSF t-tau/ $\beta$ 1-42 ratio in the ADNI cohort. <i>BMC Genomics</i> , 2017, 18, 421.	2.8	13
151	Two-dimensional enrichment analysis for mining high-level imaging genetic associations. <i>Brain Informatics</i> , 2017, 4, 27-37.	3.0	13
152	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> , 2018, 12, 1583-1595.	2.1	13
153	Fast Multi-Task SCCA Learning with Feature Selection for Multi-Modal Brain Imaging Genetics. , 2018, 2018, 356-361.		13
154	Joint High-Order Multi-Task Feature Learning to Predict the Progression of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2018, 11070, 555-562.	1.3	13
155	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> , 2019, 16, 442-454.	3.0	13
156	Multi-task learning based structured sparse canonical correlation analysis for brain imaging genetics. <i>Medical Image Analysis</i> , 2022, 76, 102297.	11.6	13
157	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> , 2015, 4, 474-480.	2.5	12
158	Hierarchical Structured Sparse Learning for Schizophrenia Identification. <i>Neuroinformatics</i> , 2020, 18, 43-57.	2.8	12
159	Identifying Associations Between Brain Imaging Phenotypes and Genetic Factors via a Novel Structured SCCA Approach. <i>Lecture Notes in Computer Science</i> , 2017, 10265, 543-555.	1.3	12
160	A New Sparse Simplex Model for Brain Anatomical and Genetic Network Analysis. <i>Lecture Notes in Computer Science</i> , 2013, 16, 625-632.	1.3	12
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