

Tengfei Li

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

898
citations

759233

12
h-index

580821

25
g-index

44
all docs

44
docs citations

44
times ranked

1561
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Bayesian sparse heritability analysis with high-dimensional neuroimaging phenotypes. <i>Biostatistics</i> , 2022, 23, 467-484. | 1.5 | 4 |
| 2 | Regression Analysis of Asynchronous Longitudinal Functional and Scalar Data. <i>Journal of the American Statistical Association</i> , 2022, 117, 1228-1242. | 3.1 | 7 |
| 3 | Longitudinal brain atlases of early developing cynomolgus macaques from birth to 48 months of age. <i>NeuroImage</i> , 2022, 247, 118799. | 4.2 | 4 |
| 4 | DADP: Dynamic abnormality detection and progression for longitudinal knee magnetic resonance images from the Osteoarthritis Initiative. <i>Medical Image Analysis</i> , 2022, 77, 102343. | 11.6 | 7 |
| 5 | Common variants contribute to intrinsic human brain functional networks. <i>Nature Genetics</i> , 2022, 54, 508-517. | 21.4 | 37 |
| 6 | Large-scale GWAS reveals genetic architecture of brain white matter microstructure and genetic overlap with cognitive and mental health traits ($n=17,706$). <i>Molecular Psychiatry</i> , 2021, 26, 3943-3955. | 7.9 | 100 |
| 7 | Variational-Autoencoder Regularized 3D MultiResUNet for the BraTS 2020 Brain Tumor Segmentation. <i>Lecture Notes in Computer Science</i> , 2021, , 431-440. | 1.3 | 7 |
| 8 | Deep Learning Based Multimodal Progression Modeling for Alzheimer's Disease. <i>Statistics in Biopharmaceutical Research</i> , 2021, 13, 337-343. | 0.8 | 8 |
| 9 | Human milk 3'-Sialyllactose is positively associated with language development during infancy. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 588-597. | 4.7 | 29 |
| 10 | Transcriptome-wide association analysis of brain structures yields insights into pleiotropy with complex neuropsychiatric traits. <i>Nature Communications</i> , 2021, 12, 2878. | 12.8 | 25 |
| 11 | Effects of motion and retrospective motion correction on the visualization and quantification of perivascular spaces in ultrahigh resolution T2-weighted images at 7T. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1944-1955. | 3.0 | 6 |
| 12 | Decision Support Systems in Temporomandibular Joint Osteoarthritis: A review of Data Science and Artificial Intelligence Applications. <i>Seminars in Orthodontics</i> , 2021, 27, 78-86. | 1.4 | 16 |
| 13 | Common genetic variation influencing human white matter microstructure. <i>Science</i> , 2021, 372, . | 12.6 | 106 |
| 14 | Aberrant Non-Coding RNA Expressed in Gastric Cancer and Its Diagnostic Value. <i>Frontiers in Oncology</i> , 2021, 11, 606764. | 2.8 | 7 |
| 15 | TMJOAI: An Artificial Web-Based Intelligence Tool for Early Diagnosis of the Temporomandibular Joint Osteoarthritis. <i>Lecture Notes in Computer Science</i> , 2021, 12969, 78-87. | 1.3 | 6 |
| 16 | Analysis of secondary phenotypes in multigroup association studies. <i>Biometrics</i> , 2020, 76, 606-618. | 1.4 | 2 |
| 17 | Bayesian Scalar on Image Regression With Nonignorable Nonresponse. <i>Journal of the American Statistical Association</i> , 2020, 115, 1574-1597. | 3.1 | 14 |
| 18 | (TS)2WM: Tumor Segmentation and Tract Statistics for Assessing White Matter Integrity with Applications to Glioblastoma Patients. <i>NeuroImage</i> , 2020, 223, 117368. | 4.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The emergence of a functionally flexible brain during early infancy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23904-23913. | 7.1 | 36 |
| 20 | Osteoarthritis of the Temporomandibular Joint can be diagnosed earlier using biomarkers and machine learning. Scientific Reports, 2020, 10, 8012. | 3.3 | 71 |
| 21 | 3D Slicer Craniomaxillofacial Modules Support Patient-Specific Decision-Making for Personalized Healthcare in Dental Research. Lecture Notes in Computer Science, 2020, 12445, 44-53. | 1.3 | 8 |
| 22 | Heritability of Regional Brain Volumes in Large-Scale Neuroimaging and Genetic Studies. Cerebral Cortex, 2019, 29, 2904-2914. | 2.9 | 36 |
| 23 | Genome-wide association analysis of 19,629 individuals identifies variants influencing regional brain volumes and refines their genetic co-architecture with cognitive and mental health traits. Nature Genetics, 2019, 51, 1637-1644. | 21.4 | 186 |
| 24 | Developmental topography of cortical thickness during infancy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15855-15860. | 7.1 | 82 |
| 25 | Early Evaluation of Radiation-induced White Matter Injury Following High Dose Fractionated Radiation Therapy in Patients with Glioblastoma Using Serial Diffusion Tensor Imaging (DTI). International Journal of Radiation Oncology Biology Physics, 2019, 103, E28. | 0.8 | 0 |
| 26 | Automatic Brain Tumor Segmentation with Domain Adaptation. Lecture Notes in Computer Science, 2019, , 380-392. | 1.3 | 11 |
| 27 | A Powerful Global Test Statistic for Functional Statistical Inference. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 5765-5772. | 4.9 | 0 |
| 28 | Brain functional development separates into three distinct time periods in the first two years of life. NeuroImage, 2019, 189, 715-726. | 4.2 | 19 |
| 29 | Likelihood adaptively modified penalties. Applied Stochastic Models in Business and Industry, 2019, 35, 330-353. | 1.5 | 0 |
| 30 | Adolescent Fluid Intelligence Prediction from Regional Brain Volumes and Cortical Curvatures Using BlockPC-XGBoost. Lecture Notes in Computer Science, 2019, , 167-175. | 1.3 | 3 |
| 31 | TPCNN: Two-Phase Patch-Based Convolutional Neural Network for Automatic Brain Tumor Segmentation and Survival Prediction. Lecture Notes in Computer Science, 2018, , 274-286. | 1.3 | 8 |
| 32 | A label-fusion-aided convolutional neural network for isointense infant brain tissue segmentation. , 2018, 2018, 692-695. | | 5 |
| 33 | Statistical disease mapping for heterogeneous neuroimaging studies. , 2018, , . | | 0 |
| 34 | Functional Linear Regression Model for Nonignorable Missing Scalar Responses. Statistica Sinica, 2018, 28, 1867-1886. | 0.3 | 4 |
| 35 | Binary switch portfolio. Quantitative Finance, 2017, 17, 763-780. | 1.7 | 1 |
| 36 | The Shrinkage of the Pythagorean exponents. Journal of Sports Analytics, 2016, 2, 37-48. | 0.8 | 1 |