Tengfei Li

List of Publications by Year
in descending order

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	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
2	Common genetic variation influencing human white matter microstructure. Science, 2021, 372, .	12.6	106
3	Large-scale GWAS reveals genetic architecture of brain white matter microstructure and genetic overlap with cognitive and mental health traits (nâ€‰=â€‰17,706). Molecular Psychiatry, 2021, 26, 3943-3955.	7.9	100
4	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
5	Osteoarthritis of the Temporomandibular Joint can be diagnosed earlier using biomarkers and machine learning. Scientific Reports, 2020, 10, 8012.	3.3	71
6	Common variants contribute to intrinsic human brain functional networks. Nature Genetics, 2022, 54, 508-517.	21.4	37
7	Heritability of Regional Brain Volumes in Large-Scale Neuroimaging and Genetic Studies. Cerebral Cortex, 2019, 29, 2904-2914.	2.9	36
8	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
9	Human milk 3â€™-Sialyllactose is positively associated with language development during infancy. American Journal of Clinical Nutrition, 2021, 114, 588-597.	4.7	29
10	Transcriptome-wide association analysis of brain structures yields insights into pleiotropy with complex neuropsychiatric traits. Nature Communications, 2021, 12, 2878.	12.8	25
11	Brain functional development separates into three distinct time periods in the first two years of life. NeuroImage, 2019, 189, 715-726.	4.2	19
12	Decision Support Systems in Temporomandibular Joint Osteoarthritis: A review of Data Science and Artificial Intelligence Applications. Seminars in Orthodontics, 2021, 27, 78-86.	1.4	16
13	Bayesian Scalar on Image Regression With Nonignorable Nonresponse. Journal of the American Statistical Association, 2020, 115, 1574-1597.	3.1	14
14	Automatic Brain Tumor Segmentation with Domain Adaptation. Lecture Notes in Computer Science, 2019, , 380-392.	1.3	11
15	(TS)2WM: Tumor Segmentation and Tract Statistics for Assessing White Matter Integrity with Applications to Glioblastoma Patients. NeuroImage, 2020, 223, 117368.	4.2	11
16	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
17	Deep Learning Based Multimodal Progression Modeling for Alzheimerâ€™s Disease. Statistics in Biopharmaceutical Research, 2021, 13, 337-343.	0.8	8
18	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

#	Article	IF	Citations
19	Regression Analysis of Asynchronous Longitudinal Functional and Scalar Data. Journal of the American Statistical Association, 2022, 117, 1228-1242.	3.1	7
20	Variational-Autoencoder Regularized 3D MultiResUNet for the BraTS 2020 Brain Tumor Segmentation. Lecture Notes in Computer Science, 2021, , 431-440.	1.3	7
21	Aberrant Non-Coding RNA Expressed in Gastric Cancer and Its Diagnostic Value. Frontiers in Oncology, 2021, 11, 606764.	2.8	7
22	DADP: Dynamic abnormality detection and progression for longitudinal knee magnetic resonance images from the Osteoarthritis Initiative. Medical Image Analysis, 2022, 77, 102343.	11.6	7
23	Effects of motion and retrospective motion correction on the visualization and quantification of perivascular spaces in ultrahigh resolution T2â€weighted images at 7T. Magnetic Resonance in Medicine, 2021, 86, 1944-1955.	3.0	6
24	TMJOAI: An Artificial Web-Based Intelligence Tool for Early Diagnosis of the Temporomandibular Joint Osteoarthritis. Lecture Notes in Computer Science, 2021, 12969, 78-87.	1.3	6
25	A label-fusion-aided convolutional neural network for isointense infant brain tissue segmentation. , 2018, 2018, 692-695.		5
26	Bayesian sparse heritability analysis with high-dimensional neuroimaging phenotypes. Biostatistics, 2022, 23, 467-484.	1.5	4
27	Functional Linear Regression Model for Nonignorable Missing Scalar Responses. Statistica Sinica, 2018, 28, 1867-1886.	0.3	4
28	Longitudinal brain atlases of early developing cynomolgus macaques from birth to 48 months of age. NeuroImage, 2022, 247, 118799.	4.2	4
29	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
30	Analysis of secondary phenotypes in multigroup association studies. Biometrics, 2020, 76, 606-618.	1.4	2
31	The Shrinkage of the Pythagorean exponents. Journal of Sports Analytics, 2016, 2, 37-48.	0.8	1
32	Binary switch portfolio. Quantitative Finance, 2017, 17, 763-780.	1.7	1
33	Statistical disease mapping for heterogeneous neuroimaging studies. , 2018, , .		0
34	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
35	A Powerful Global Test Statistic for Functional Statistical Inference. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 5765-5772.	4.9	0
36	Likelihood adaptively modified penalties. Applied Stochastic Models in Business and Industry, 2019, 35, 330-353.	1.5	0