# Leon Y Cai

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 21<br>papers | 237<br>citations | 1478505<br>6<br>h-index | 1372567<br>10<br>g-index |
| 27<br>all docs | 27<br>docs citations | 27<br>times ranked | 212<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Learning white matter subject€specific segmentation from structural MRI. Medical Physics, 2022, , . | 3.0 | 4 |
| 2 | Tractostorm 2: Optimizing tractography dissection reproducibility with segmentation protocol dissemination. Human Brain Mapping, 2022, 43, 2134-2147. | 3.6 | 8 |
| 3 | Temporal lobe epilepsy lateralisation and surgical outcome prediction using diffusion imaging. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 599-608. | 1.9 | 11 |
| 4 | Multimodal neuroimaging in pediatric type 1 diabetes: a pilot multisite feasibility study of acquisition quality, motion, and variability. , 2022, , . | | 1 |
| 5 | Joint independent component analysis for hypothesizing spatiotemporal relationships between longitudinal gray and white matter changes in preclinical Alzheimer€™s disease. , 2022, , . | | 0 |
| 6 | EPI susceptibility correction introduces significant differences far from local areas of high distortion. Magnetic Resonance Imaging, 2022, 92, 1-9. | 1.8 | 4 |
| 7 | Aging and white matter microstructure and macrostructure: a longitudinal multi-site diffusion MRI study of 1218 participants. Brain Structure and Function, 2022, 227, 2111-2125. | 2.3 | 25 |
| 8 | MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. Network Neuroscience, 2021, 5, 434-450. | 2.6 | 9 |
| 9 | Joint cortical surface and structural connectivity analysis of Alzheimer€™s disease. , 2021, 11596, . | | 2 |
| 10 | Joint analysis of structural connectivity and cortical surface features: correlates with mild traumatic brain injury. , 2021, 11596, . | | 0 |
| 11 | PreQual: An automated pipeline for integrated preprocessing and quality assurance of diffusion weighted MRI images. Magnetic Resonance in Medicine, 2021, 86, 456-470. | 3.0 | 43 |
| 12 | Validation of group-wise registration for surface-based functional MRI analysis. , 2021, 11596, . | | 1 |
| 13 | MASiVar: Multisite, multiscanner, and multisubject acquisitions for studying variability in diffusion weighted MRI. Magnetic Resonance in Medicine, 2021, 86, 3304-3320. | 3.0 | 16 |
| 14 | Fiber tractography bundle segmentation depends on scanner effects, vendor effects, acquisition resolution, diffusion sampling scheme, diffusion sensitization, and bundle segmentation workflow. NeuroImage, 2021, 242, 118451. | 4.2 | 35 |
| 15 | Distortion correction of diffusion weighted MRIÂwithout reverse phase-encoding scans or field-maps. PLoS ONE, 2020, 15, e0236418. | 2.5 | 60 |
| 16 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |
| 17 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |
| 18 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |
| 20 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |
| 21 | Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418. | | 0 |