

# Fernando Calamante

## List of Publications by Year in descending order

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125  
papers

15,029  
citations

41344

49  
h-index

21540

114  
g-index

135  
all docs

135  
docs citations

135  
times ranked

12002  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Robust determination of the fibre orientation distribution in diffusion MRI: Non-negativity constrained super-resolved spherical deconvolution. <i>NeuroImage</i> , 2007, 35, 1459-1472. | 4.2  | 1,860     |
| 2  | Direct estimation of the fiber orientation density function from diffusion-weighted MRI data using spherical deconvolution. <i>NeuroImage</i> , 2004, 23, 1176-1185.                     | 4.2  | 1,466     |
| 3  | MRtrix: Diffusion tractography in crossing fiber regions. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 53-66.  | 4.1  | 1,191     |
| 4  | Anatomically-constrained tractography: Improved diffusion MRI streamlines tractography through effective use of anatomical information. <i>NeuroImage</i> , 2012, 62, 1924-1938.         | 4.2  | 897       |
| 5  | Measuring Cerebral Blood Flow Using Magnetic Resonance Imaging Techniques. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 701-735.                                     | 4.3  | 607       |
| 6  | Gadolinium deposition in the brain: summary of evidence and recommendations. <i>Lancet Neurology</i> , The, 2017, 16, 564-570.   | 10.2 | 600       |
| 7  | SIFT: Spherical-deconvolution informed filtering of tractograms. <i>NeuroImage</i> , 2013, 67, 298-312.  | 4.2  | 573       |
| 8  | Resolving crossing fibres using constrained spherical deconvolution: Validation using diffusion-weighted imaging phantom data. <i>NeuroImage</i> , 2008, 42, 617-625.                    | 4.2  | 524       |
| 9  | SIFT2: Enabling dense quantitative assessment of brain white matter connectivity using streamlines tractography. <i>NeuroImage</i> , 2015, 119, 338-351.                                 | 4.2  | 506       |
| 10 | Delay and dispersion effects in dynamic susceptibility contrast MRI: Simulations using singular value decomposition. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 466-473.          | 3.0  | 446       |
| 11 | White matter fiber tractography: why we need to move beyond DTI. <i>Journal of Neurosurgery</i> , 2013, 118, 1367-1377.  | 1.6  | 386       |
| 12 | Track-density imaging (TDI): Super-resolution white matter imaging using whole-brain track-density mapping. <i>NeuroImage</i> , 2010, 53, 1233-1243.                                     | 4.2  | 361       |
| 13 | Determination of the appropriate $b$ value and number of gradient directions for high-angular-resolution diffusion-weighted imaging. <i>NMR in Biomedicine</i> , 2013, 26, 1775-1786.    | 2.8  | 346       |
| 14 | The effects of SIFT on the reproducibility and biological accuracy of the structural connectome. <i>NeuroImage</i> , 2015, 104, 253-265.   | 4.2  | 213       |
| 15 | Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013, 44, 2628-2639.   | 2.0  | 192       |
| 16 | The contribution of geometry to the human connectome. <i>NeuroImage</i> , 2016, 124, 379-393.  | 4.2  | 181       |
| 17 | Perfusion Magnetic Resonance Imaging: A Comprehensive Update on Principles and Techniques. <i>Korean Journal of Radiology</i> , 2014, 15, 554.   | 3.4  | 177       |
| 18 | Arterial input function in perfusion MRI: A comprehensive review. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2013, 74, 1-32.   | 7.5  | 174       |

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|----|--|-----|-----------|
| 19 | The Physiological Significance of the Time-to-Maximum (Tmax) Parameter in Perfusion MRI. <i>Stroke</i> , 2010, 41, 1169-1174.  | 2.0 | 161       |
| 20 | Defining a local arterial input function for perfusion MRI using independent component analysis. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 789-797.  | 3.0 | 158       |
| 21 | Contralateral cerebello-thalamo-cortical pathways with prominent involvement of associative areas in humans in vivo. <i>Brain Structure and Function</i> , 2015, 220, 3369-3384.   | 2.3 | 154       |
| 22 | Contralateral cortico-ponto-cerebellar pathways reconstruction in humans in vivo: implications for reciprocal cerebro-cerebellar structural connectivity in motor and non-motor areas. <i>Scientific Reports</i> , 2017, 7, 12841. | 3.3 | 152       |
| 23 | Early changes in water diffusion, perfusion, T1, and T2 during focal cerebral ischemia in the rat studied at 8.5 T. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 479-485.   | 3.0 | 130       |
| 24 | Quantification of bolus-tracking MRI: Improved characterization of the tissue residue function using Tikhonov regularization. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 1237-1247.   | 3.0 | 122       |
| 25 | The measurement of diffusion and perfusion in biological systems using magnetic resonance imaging. <i>Physics in Medicine and Biology</i> , 2000, 45, R97-R138.  | 3.0 | 112       |
| 26 | Super-resolution track-density imaging studies of mouse brain: Comparison to histology. <i>NeuroImage</i> , 2012, 59, 286-296.   | 4.2 | 105       |
| 27 | Estimation of bolus dispersion effects in perfusion MRI using image-based computational fluid dynamics. <i>NeuroImage</i> , 2003, 19, 341-353.   | 4.2 | 102       |
| 28 | Sampling and reconstruction effects due to motion in diffusion-weighted interleaved echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 101-109.  | 3.0 | 101       |
| 29 | The 39 steps: evading error and deciphering the secrets for accurate dynamic susceptibility contrast MRI. <i>NMR in Biomedicine</i> , 2013, 26, 913-931.   | 2.8 | 98        |
| 30 | Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.  | 4.2 | 94        |
| 31 | Track density imaging (TDI): Validation of super resolution property. <i>NeuroImage</i> , 2011, 56, 1259-1266.   | 4.2 | 92        |
| 32 | Perfusion magnetic resonance abnormalities in patients with sickle cell disease. <i>Annals of Neurology</i> , 2001, 49, 477-485.   | 5.3 | 83        |
| 33 | A Model for Quantification of Perfusion in Pulsed Labelling Techniques. <i>NMR in Biomedicine</i> , 1996, 9, 79-83.  | 2.8 | 78        |
| 34 | Individual deviations from normative models of brain structure in a large cross-sectional schizophrenia cohort. <i>Molecular Psychiatry</i> , 2021, 26, 3512-3523.   | 7.9 | 78        |
| 35 | A generalised framework for super-resolution track-weighted imaging. <i>NeuroImage</i> , 2012, 59, 2494-2503.  | 4.2 | 77        |
| 36 | Bolus delay and dispersion in perfusion MRI: Implications for tissue predictor models in stroke. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1180-1185.  | 3.0 | 76        |

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|----|---|-----|-----------|
| 37 | A software tool to generate simulated white matter structures for the assessment of fibre-tracking algorithms. <i>NeuroImage</i> , 2009, 47, 1288-1300.   | 4.2 | 75        |
| 38 | Is quantification of bolus tracking MRI reliable without deconvolution?. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 61-67.   | 3.0 | 69        |
| 39 | Implementation of quantitative FAIR perfusion imaging with a short repetition time in time-course studies. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 829-840.   | 3.0 | 68        |
| 40 | Bolus dispersion issues related to the quantification of perfusion MRI data. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 718-722.  | 3.4 | 68        |
| 41 | Contrast agent concentration measurements affecting quantification of bolus tracking perfusion MRI. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 544-553.  | 3.0 | 67        |
| 42 | Effects of diffusion anisotropy on lesion delineation in a rat model of cerebral ischemia. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 662-668.   | 3.0 | 65        |
| 43 | Correction for diffusion MRI fibre tracking biases: The consequences for structural connectomic metrics. <i>NeuroImage</i> , 2016, 142, 150-162.  | 4.2 | 65        |
| 44 | Diffusion-weighted magnetic resonance imaging fibre tracking using a front evolution algorithm. <i>NeuroImage</i> , 2003, 20, 276-288.  | 4.2 | 64        |
| 45 | Is removal of weak connections necessary for graph-theoretical analysis of dense weighted structural connectomes from diffusion MRI?. <i>NeuroImage</i> , 2019, 194, 68-81.   | 4.2 | 64        |
| 46 | Hemodynamics in normal cerebral arteries: qualitative comparison of 4D phase-contrast magnetic resonance and image-based computational fluid dynamics. <i>Journal of Engineering Mathematics</i> , 2009, 64, 367-378. | 1.2 | 63        |
| 47 | The Seven Deadly Sins of Measuring Brain Structural Connectivity Using Diffusion MRI Streamlines Fibre-Tracking. <i>Diagnostics</i> , 2019, 9, 115.   | 2.6 | 63        |
| 48 | Super-resolution track-density imaging of thalamic substructures: Comparison with high-resolution anatomical magnetic resonance imaging at 7.0T. <i>Human Brain Mapping</i> , 2013, 34, 2538-2548.                    | 3.6 | 61        |
| 49 | Correction for eddy current induced Bo shifts in diffusion-weighted echo-planar imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 95-102.  | 3.0 | 60        |
| 50 | Sickle cell disease: Ischemia and seizures. <i>Annals of Neurology</i> , 2005, 58, 290-302.   | 5.3 | 54        |
| 51 | Improved deconvolution of perfusion MRI data in the presence of bolus delay and dispersion. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 146-156.  | 3.0 | 51        |
| 52 | Track-weighted imaging methods: extracting information from a streamlines tractogram. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 317-335.                                      | 2.0 | 46        |
| 53 | Diffusion and Perfusion Magnetic Resonance Imaging in Childhood Stroke. <i>Journal of Child Neurology</i> , 2000, 15, 279-283.  | 1.4 | 44        |
| 54 | Perfusion MRI Using Dynamic-Susceptibility Contrast MRI. <i>Topics in Magnetic Resonance Imaging</i> , 2010, 21, 75-85.   | 1.2 | 44        |

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|----|---|-----|-----------|
| 55 | Quantification of voxel-wise total fibre density: Investigating the problems associated with track-count mapping. <i>NeuroImage</i> , 2015, 117, 284-293.   | 4.2 | 44        |
| 56 | Nonlinear $T_2^*$ effects in perfusion quantification using bolus-tracking MRI. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 486-492.  | 3.0 | 43        |
| 57 | Reduction of errors in ASL cerebral perfusion and arterial transit time maps using image denoising. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 715-724.  | 3.0 | 43        |
| 58 | Acute changes in MRI diffusion, perfusion, $T_1$ , and $T_2$ in a rat model of oligemia produced by partial occlusion of the middle cerebral artery. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 706-712. | 3.0 | 42        |
| 59 | Inferring origin of vascular supply from tracer arrival timing patterns using bolus tracking MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1371-1381.   | 3.4 | 42        |
| 60 | Graph analysis of resting-state ASL perfusion MRI data: Nonlinear correlations among CBF and network metrics. <i>NeuroImage</i> , 2014, 87, 265-275.  | 4.2 | 41        |
| 61 | Track-weighted functional connectivity (TW-FC): A tool for characterizing the structural-functional connections in the brain. <i>NeuroImage</i> , 2013, 70, 199-210.  | 4.2 | 40        |
| 62 | Arterial Spin-Labeling Improves Detection of Intracranial Dural Arteriovenous Fistulas with MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 669-677.   | 2.4 | 37        |
| 63 | Quantification of track-weighted imaging (TWI): Characterisation of within-subject reproducibility and between-subject variability. <i>NeuroImage</i> , 2014, 87, 18-31.  | 4.2 | 36        |
| 64 | Increased cerebral blood flow with increased amyloid burden in the preclinical phase of alzheimer's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 505-513.                                  | 3.4 | 35        |
| 65 | Improved partial volume correction for single inversion time arterial spin labeling data. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 531-537.  | 3.0 | 33        |
| 66 | The role of whole-brain diffusion MRI as a tool for studying human in vivo cortical segregation based on a measure of neurite density. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2738-2744.             | 3.0 | 33        |
| 67 | Network communication models narrow the gap between the modular organization of structural and functional brain networks. <i>NeuroImage</i> , 2022, 257, 119323.  | 4.2 | 32        |
| 68 | The effect of residual Nyquist ghost in quantitative echo-planar diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 385-392.  | 3.0 | 31        |
| 69 | Validating a Local Arterial Input Function Method for Improved Perfusion Quantification in Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2189-2198.                                  | 4.3 | 31        |
| 70 | Connectomes from streamlines tractography: Assigning streamlines to brain parcellations is not trivial but highly consequential. <i>NeuroImage</i> , 2019, 199, 160-171.  | 4.2 | 31        |
| 71 | New criterion to aid manual and automatic selection of the arterial input function in dynamic susceptibility contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 448-456.                           | 3.0 | 28        |
| 72 | Recommended responsibilities for management of MR safety. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1067-1069.   | 3.4 | 28        |

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|----|---|-----|-----------|
| 73 | Voxel-Wise Functional Connectomics Using Arterial Spin Labeling Functional Magnetic Resonance Imaging: The Role of Denoising. <i>Brain Connectivity</i> , 2015, 5, 543-553.                             | 1.7 | 26        |
| 74 | Analysis of perfusion MRI in stroke: To deconvolve, or not to deconvolve. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1282-1290.  | 3.0 | 26        |
| 75 | A <i>k</i> -space sharing 3D GRASE pseudocontinuous ASL method for whole-brain resting-state functional connectivity. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 37-43. | 4.1 | 25        |
| 76 | Diffusion MRI tractography for neurosurgery: the basics, current state, technical reliability and challenges. <i>Physics in Medicine and Biology</i> , 2021, 66, 15TR01.                                | 3.0 | 25        |
| 77 | Linking Cortical and Connectional Pathology in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 911-923.  | 4.3 | 24        |
| 78 | Simultaneous noninvasive measurement of CBF and CBV using double-echo FAIR (DEFAIR). <i>Magnetic Resonance in Medicine</i> , 2001, 45, 853-863.   | 3.0 | 23        |
| 79 | Periventricular Nodular Heterotopia: Detection of Abnormal Microanatomic Fiber Structures with Whole-Brain Diffusion MR Imaging Tractography. <i>Radiology</i> , 2016, 281, 896-906.                    | 7.3 | 23        |
| 80 | The effect of finite diffusion gradient pulse duration on fibre orientation estimation in diffusion MRI. <i>NeuroImage</i> , 2010, 51, 743-751.   | 4.2 | 22        |
| 81 | Reproducibility of multiphase pseudo-continuous arterial spin labeling and the effect of post-processing analysis methods. <i>NeuroImage</i> , 2015, 117, 191-201.                                      | 4.2 | 22        |
| 82 | Cortical abnormalities and language function in young patients with basal ganglia stroke. <i>NeuroImage</i> , 2007, 36, 431-440.  | 4.2 | 21        |
| 83 | Visualization of mouse barrel cortex using ex-vivo track density imaging. <i>NeuroImage</i> , 2014, 87, 465-475.  | 4.2 | 21        |
| 84 | Characterisation of white matter asymmetries in the healthy human brain using diffusion MRI fixel-based analysis. <i>NeuroImage</i> , 2021, 225, 117505.  | 4.2 | 21        |
| 85 | A Newly Identified Frontal Path from Fornix in Septum Pellucidum with 7.0T MRI Track Density Imaging (TDI) – The Septum Pellucidum Tract (SPT). <i>Frontiers in Neuroanatomy</i> , 2015, 9, 151.        | 1.7 | 19        |
| 86 | Track-weighted dynamic functional connectivity (TW-dFC): a new method to study time-resolved functional connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3761-3774.                       | 2.3 | 19        |
| 87 | A variable flip angle-based method for reducing blurring in 3D GRASE ASL. <i>Physics in Medicine and Biology</i> , 2014, 59, 5559-5573.   | 3.0 | 17        |
| 88 | The Role of Bolus Delay and Dispersion in Predictor Models for Stroke. <i>Stroke</i> , 2012, 43, 1025-1031.   | 2.0 | 16        |
| 89 | Enhanced characterization of the zebrafish brain as revealed by super-resolution track-density imaging. <i>Brain Structure and Function</i> , 2015, 220, 457-468.                                       | 2.3 | 16        |
| 90 | Modeling and correction of bolus dispersion effects in dynamic susceptibility contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1762-1774.  | 3.0 | 15        |

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|-----|---|------|-----------|
| 91  | Mapping somatosensory connectivity in adult mice using diffusion MRI tractography and super-resolution track density imaging. <i>NeuroImage</i> , 2014, 102, 381-392.   | 4.2  | 15        |
| 92  | Effect of combination and number of b values in IVIM analysis with post-processing methodology: simulation and clinical study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 519-527. | 2.0  | 15        |
| 93  | Reperfusion in a Gerbil Model of Forebrain Ischemia Using Serial Magnetic Resonance FAIR Perfusion Imaging. <i>Stroke</i> , 1999, 30, 1263-1270.  | 2.0  | 14        |
| 94  | A novel joint sparse partial correlation method for estimating group functional networks. <i>Human Brain Mapping</i> , 2016, 37, 1162-1177.   | 3.6  | 13        |
| 95  | Perfusion precision in bolus-tracking MRI: Estimation using the wild-bootstrap method. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 696-704.   | 3.0  | 12        |
| 96  | A novel approach to measure local cerebral haematocrit using MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 768-780.   | 4.3  | 12        |
| 97  | Pictorial Review of In Vivo Human Brain: From Anatomy to Molecular Imaging. <i>World Neurosurgery</i> , 2014, 82, 72-95.  | 1.3  | 11        |
| 98  | Mapping connectomes with diffusion MRI: Deterministic or probabilistic tractography?. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 787-790.  | 3.0  | 11        |
| 99  | MR system operator: Recommended minimum requirements for performing MRI in human subjects in a research setting. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 899-902.  | 3.4  | 10        |
| 100 | Modeling the residue function in DSC-MRI simulations: Analytical approximation to in vivo data. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1486-1491.  | 3.0  | 9         |
| 101 | FOD-Net: A deep learning method for fiber orientation distribution angular super resolution. <i>Medical Image Analysis</i> , 2022, 79, 102431.  | 11.6 | 9         |
| 102 | IVIM-DKI for differentiation between prostate cancer and benign prostatic hyperplasia: comparison of 1.5T vs. 3T MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 609-620.          | 2.0  | 7         |
| 103 | TractLearn: A geodesic learning framework for quantitative analysis of brain bundles. <i>NeuroImage</i> , 2021, 233, 117927.  | 4.2  | 7         |
| 104 | Correcting for large vessel contamination in dynamic susceptibility contrast perfusion MRI by extension to a physiological model of the vasculature. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 280-290.           | 3.0  | 6         |
| 105 | Fourier Tract Sampling (FouTS): A framework for improved inference of white matter tracts from diffusion MRI by explicitly modelling tract volume. <i>NeuroImage</i> , 2015, 120, 412-427.                                | 4.2  | 6         |
| 106 | Robust Identification of Rich-Club Organization in Weighted and Dense Structural Connectomes. <i>Brain Topography</i> , 2019, 32, 1-16.   | 1.8  | 6         |
| 107 | Chelated or dechelated gadolinium deposition – Authors' reply. <i>Lancet Neurology</i> , The, 2017, 16, 955-956.  | 10.2 | 5         |
| 108 | A Novel Group-Fused Sparse Partial Correlation Method for Simultaneous Estimation of Functional Networks in Group Comparison Studies. <i>Brain Topography</i> , 2018, 31, 364-379.  | 1.8  | 5         |

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|-----|--|-----|-----------|
| 109 | Perfusion magnetic resonance abnormalities in patients with sickle cell disease. <i>Annals of Neurology</i> , 2001, 49, 477-485.   | 5.3 | 5         |
| 110 | Markov Chain Monte Carlo Random Effects Modeling in Magnetic Resonance Image Processing Using theBRugsInterface toWinBUGS. <i>Journal of Statistical Software</i> , 2011, 44, .                                | 3.7 | 5         |
| 111 | Multi-stage automated local arterial input function selection in perfusion MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 357-365.                                     | 2.0 | 4         |
| 112 | Restâ€“activity functioning is related to white matter microarchitecture and modifiable risk factors in older adults at-risk for dementia. <i>Sleep</i> , 2021, 44, .  | 1.1 | 4         |
| 113 | Notes on â€œA cautionary note on the use of SIFT in pathological connectomesâ€“. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2303-2307.  | 3.0 | 3         |
| 114 | Automated Perfusion-Diffusion Magnetic Resonance Imaging in Childhood Arterial Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3296-3304.   | 2.0 | 3         |
| 115 | Diffusion MRI Fiber Tractography. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2020, 1, 533-569.  | 0.1 | 3         |
| 116 | A Novel Method for Extracting Hierarchical Functional Subnetworks Based on a Multisubject Spectral Clustering Approach. <i>Brain Connectivity</i> , 2019, 9, 399-414.  | 1.7 | 2         |
| 117 | Investigating white matter structure in social anxiety disorder using fixel-based analysis. <i>Journal of Psychiatric Research</i> , 2021, 143, 30-37.   | 3.1 | 2         |
| 118 | Delay and dispersion effects in dynamic susceptibility contrast MRI: Simulations using singular value decomposition. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 466-473.                                | 3.0 | 2         |
| 119 | A robust framework for characterising diffusion metrics of the median and ulnar nerves: Exploiting stateâ€“ofâ€“theâ€“art tracking methods. <i>Journal of the Peripheral Nervous System</i> , 2022, 27, 67-83. | 3.1 | 2         |
| 120 | CONN-NLM: A Novel CONNectome-Based Non-local Means Filter for PET-MRI Denoising. <i>Frontiers in Neuroscience</i> , 2022, 16, .  | 2.8 | 2         |
| 121 | Mouse Brain Kaleidoscope. <i>Neurology</i> , 2012, 79, 1829-1829.  | 1.1 | 1         |
| 122 | Guidelines for documentation and consent for nonclinical, nonresearch MRI in human subjects. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 36-41.   | 3.4 | 1         |
| 123 | Delay and dispersion effects in dynamic susceptibility contrast MRI: Simulations using singular value decomposition. , 2000, 44, 466.  |     | 1         |
| 124 | P1â€“440: INCREASED CEREBRAL BLOOD FLOW WITH INCREASED AMYLOID BURDEN IN PRECLINICAL AD. <i>Alzheimer's and Dementia</i> , 2018, 14, P479.   | 0.8 | 0         |
| 125 | Perfusion Magnetic Resonance Imaging Quantification in the Brain. <i>Neuroinformatics</i> , 2012, , 283-312.   | 0.3 | 0         |