

# Carlo Pierpaoli

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

22,636  
citations

41323

49  
h-index

30058

103  
g-index

118  
all docs

118  
docs citations

118  
times ranked

16603  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Microstructural and Physiological Features of Tissues Elucidated by Quantitative-Diffusion-Tensor MRI. Journal of Magnetic Resonance Series B, 1996, 111, 209-219.                                                            | 1.6 | 3,801     |
| 2  | In vivo fiber tractography using DT-MRI data. Magnetic Resonance in Medicine, 2000, 44, 625-632.                                                                                                                              | 1.9 | 2,778     |
| 3  | Diffusion tensor MR imaging of the human brain.. Radiology, 1996, 201, 637-648.                                                                                                                                               | 3.6 | 2,477     |
| 4  | Toward a quantitative assessment of diffusion anisotropy. Magnetic Resonance in Medicine, 1996, 36, 893-906.                                                                                                                  | 1.9 | 2,219     |
| 5  | Water Diffusion Changes in Wallerian Degeneration and Their Dependence on White Matter Architecture. NeuroImage, 2001, 13, 1174-1185.                                                                                         | 2.1 | 839       |
| 6  | Color schemes to represent the orientation of anisotropic tissues from diffusion tensor data: Application to white matter fiber tract mapping in the human brain. Magnetic Resonance in Medicine, 1999, 42, 526-540.          | 1.9 | 704       |
| 7  | Anatomical accuracy of brain connections derived from diffusion MRI tractography is inherently limited. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16574-16579.              | 3.3 | 657       |
| 8  | RESTORE: Robust estimation of tensors by outlier rejection. Magnetic Resonance in Medicine, 2005, 53, 1088-1095.                                                                                                              | 1.9 | 573       |
| 9  | Spatial transformations of diffusion tensor magnetic resonance images. IEEE Transactions on Medical Imaging, 2001, 20, 1131-1139.                                                                                             | 5.4 | 559       |
| 10 | A simplified method to measure the diffusion tensor from seven MR images. Magnetic Resonance in Medicine, 1998, 39, 928-934.                                                                                                  | 1.9 | 558       |
| 11 | Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.                                                                                                    | 2.1 | 539       |
| 12 | Gleaning multicomponent $T_1$ and $T_2$ information from steady-state imaging data. Magnetic Resonance in Medicine, 2008, 60, 1372-1387.                                                                                      | 1.9 | 413       |
| 13 | Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2820-8. | 3.3 | 364       |
| 14 | Microstructural and physiological features of tissues elucidated by quantitative-diffusion-tensor MRI. Journal of Magnetic Resonance, 2011, 213, 560-570.                                                                     | 1.2 | 363       |
| 15 | Mean apparent propagator (MAP) MRI: A novel diffusion imaging method for mapping tissue microstructure. NeuroImage, 2013, 78, 16-32.                                                                                          | 2.1 | 320       |
| 16 | Characterization of and correction for eddy current artifacts in echo planar diffusion imaging. Magnetic Resonance in Medicine, 1998, 39, 801-812.                                                                            | 1.9 | 314       |
| 17 | Color schemes to represent the orientation of anisotropic tissues from diffusion tensor data: application to white matter fiber tract mapping in the human brain. Magnetic Resonance in Medicine, 2000, 43, 921-921.          | 1.9 | 224       |
| 18 | Age effects on diffusion tensor magnetic resonance imaging tractography measures of frontal cortex connections in schizophrenia. Human Brain Mapping, 2006, 27, 230-238.                                                      | 1.9 | 224       |

| #  | ARTICLE                                                                                                                                                                                                          | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Histopathologic correlates of abnormal water diffusion in cerebral ischemia: diffusion-weighted MR imaging and light and electron microscopic study.. Radiology, 1993, 189, 439-448.                             | 3.6 | 220       |
| 20 | A unifying theoretical and algorithmic framework for least squares methods of estimation in diffusion tensor imaging. Journal of Magnetic Resonance, 2006, 182, 115-125.                                         | 1.2 | 216       |
| 21 | Limits to anatomical accuracy of diffusion tractography using modern approaches. NeuroImage, 2019, 185, 1-11.                                                                                                    | 2.1 | 200       |
| 22 | Effects of image distortions originating from susceptibility variations and concomitant fields on diffusion MRI tractography results. NeuroImage, 2012, 61, 275-288.                                             | 2.1 | 195       |
| 23 | Visualizing and characterizing white matter fiber structure and architecture in the human pyramidal tract using diffusion tensor MRI. Magnetic Resonance Imaging, 1999, 17, 1121-1133.                           | 1.0 | 190       |
| 24 | The DTI Challenge: Toward Standardized Evaluation of Diffusion Tensor Imaging Tractography for Neurosurgery. Journal of Neuroimaging, 2015, 25, 875-882.                                                         | 1.0 | 147       |
| 25 | DR-BUDDI (Diffeomorphic Registration for Blip-Up blip-Down Diffusion Imaging) method for correcting echo planar imaging distortions. NeuroImage, 2015, 106, 284-299.                                             | 2.1 | 144       |
| 26 | Brain parenchyma apparent diffusion coefficient alterations associated with experimental complex partial status epilepticus. Magnetic Resonance Imaging, 1994, 12, 865-871.                                      | 1.0 | 135       |
| 27 | Confidence mapping in diffusion tensor magnetic resonance imaging tractography using a bootstrap approach. Magnetic Resonance in Medicine, 2005, 53, 1143-1149.                                                  | 1.9 | 133       |
| 28 | Comparative MR Imaging Study of Brain Maturation in Kittens with T1, T2, and the Trace of the Diffusion Tensor. Radiology, 1999, 210, 133-142.                                                                   | 3.6 | 132       |
| 29 | PASTA: Pointwise assessment of streamline tractography attributes. Magnetic Resonance in Medicine, 2005, 53, 1462-1467.                                                                                          | 1.9 | 113       |
| 30 | High Temporal Resolution Diffusion MRI of Global Cerebral Ischemia and Reperfusion. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 892-905.                                                            | 2.4 | 110       |
| 31 | Frequency dependence of MR relaxation times II. Iron oxides. Journal of Magnetic Resonance Imaging, 1993, 3, 641-648.                                                                                            | 1.9 | 106       |
| 32 | Clinical feasibility of using mean apparent propagator (MAP) MRI to characterize brain tissue microstructure. NeuroImage, 2016, 127, 422-434.                                                                    | 2.1 | 101       |
| 33 | Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. Cell Reports, 2018, 24, 1865-1879.e9.                                                        | 2.9 | 101       |
| 34 | Comparison of EPI Distortion Correction Methods in Diffusion Tensor MRI Using a Novel Framework. Lecture Notes in Computer Science, 2008, 11, 321-329.                                                           | 1.0 | 97        |
| 35 | <i>Informed RESTORE</i> : A method for robust estimation of diffusion tensor from low redundancy datasets in the presence of physiological noise artifacts. Magnetic Resonance in Medicine, 2012, 68, 1654-1663. | 1.9 | 96        |
| 36 | Impact of time-of-day on brain morphometric measures derived from T1-weighted magnetic resonance imaging. NeuroImage, 2016, 133, 41-52.                                                                          | 2.1 | 95        |

| #  | ARTICLE                                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Diffusion MRI and the detection of alterations following traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2018, 96, 612-625.                                                                                                      | 1.3 | 85        |
| 38 | Diffusion Tensor Imaging in Young Children with Autism: Biological Effects and Potential Confounds. <i>Biological Psychiatry</i> , 2012, 72, 1043-1051.                                                                                            | 0.7 | 82        |
| 39 | $T_2$ relaxometry of normal pediatric brain development. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 258-267.                                                                                                                         | 1.9 | 76        |
| 40 | Genetic contributions to white matter architecture revealed by diffusion tensor imaging in Williams syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15117-15122.                     | 3.3 | 74        |
| 41 | Dependence on diffusion time of apparent diffusion tensor of ex vivo calf tongue and heart. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 1387-1396.                                                                                           | 1.9 | 73        |
| 42 | A Diffusion Tensor Magnetic Resonance Imaging Study of Frontal Cortex Connections in Very-Late-Onset Schizophrenia-Like Psychosis. <i>American Journal of Geriatric Psychiatry</i> , 2005, 13, 1092-1099.                                          | 0.6 | 71        |
| 43 | Benzodiazepine receptors and diazepam binding inhibitor: A possible link between stress, anxiety and the immune system. <i>Psychoneuroendocrinology</i> , 1993, 18, 3-22.                                                                          | 1.3 | 70        |
| 44 | Regional distribution of measurement error in diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2006, 147, 69-78.                                                                                                              | 0.9 | 68        |
| 45 | Analysis of the effects of noise, DWI sampling, and value of assumed parameters in diffusion MRI models. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1767-1780.                                                                              | 1.9 | 63        |
| 46 | Linear least-squares method for unbiased estimation of $T_1$ from SPGR signals. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 496-501.                                                                                                         | 1.9 | 58        |
| 47 | Brain connections derived from diffusion MRI tractography can be highly anatomically accurate "if we know where white matter pathways start, where they end, and where they do not go. <i>Brain Structure and Function</i> , 2020, 225, 2387-2402. | 1.2 | 58        |
| 48 | DR-TAMAS: Diffeomorphic Registration for Tensor Accurate Alignment of Anatomical Structures. <i>NeuroImage</i> , 2016, 132, 439-454.                                                                                                               | 2.1 | 55        |
| 49 | Effects of physiological noise in population analysis of diffusion tensor MRI data. <i>NeuroImage</i> , 2011, 54, 1168-1177.                                                                                                                       | 2.1 | 54        |
| 50 | Diazepam binding inhibitor (DBI) increases after acute stress in rat. <i>Neuropharmacology</i> , 1991, 30, 1445-1452.                                                                                                                              | 2.0 | 52        |
| 51 | Probabilistic Identification and Estimation of Noise (PIESNO): A self-consistent approach and its applications in MRI. <i>Journal of Magnetic Resonance</i> , 2009, 199, 94-103.                                                                   | 1.2 | 52        |
| 52 | Impact of time-of-day on diffusivity measures of brain tissue derived from diffusion tensor imaging. <i>NeuroImage</i> , 2018, 173, 25-34.                                                                                                         | 2.1 | 48        |
| 53 | Estimating intensity variance due to noise in registered images: Applications to diffusion tensor MRI. <i>NeuroImage</i> , 2005, 26, 673-684.                                                                                                      | 2.1 | 44        |
| 54 | A Diffusion Tensor Magnetic Resonance Imaging Study of Frontal Cortex Connections in Very-Late-Onset Schizophrenia-Like Psychosis. <i>American Journal of Geriatric Psychiatry</i> , 2005, 13, 1092-1099.                                          | 0.6 | 42        |

| #  | ARTICLE                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Characterization of peripheral benzodiazepine receptors in human blood mononuclear cells. <i>Neuropharmacology</i> , 1990, 29, 375-378.                                                                                               | 2.0 | 39        |
| 56 | Variance of estimated DTI-derived parameters via first-order perturbation methods. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 141-149.                                                                                         | 1.9 | 39        |
| 57 | Color schemes to represent the orientation of anisotropic tissues from diffusion tensor data: Application to white matter fiber tract mapping in the human brain. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 526-540.          | 1.9 | 39        |
| 58 | Simultaneous Measurement of $\hat{\rho}R_2$ and $\hat{\rho}R_2^*$ in Cat Brain during Hypoxia and Hypercapnia. <i>NeuroImage</i> , 1997, 6, 191-200.                                                                                  | 2.1 | 38        |
| 59 | Whole-Brain DTI Assessment of White Matter Damage in Children with Bilateral Cerebral Palsy: Evidence of Involvement beyond the Primary Target of the Anoxic Insult. <i>American Journal of Neuroradiology</i> , 2016, 37, 1347-1353. | 1.2 | 37        |
| 60 | Error Propagation Framework for Diffusion Tensor Imaging via Diffusion Tensor Representations. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1017-1034.                                                                     | 5.4 | 36        |
| 61 | A framework for the analysis of phantom data in multicenter diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2013, 34, 2439-2454.                                                                                       | 1.9 | 32        |
| 62 | The diffusion tensor imaging (DTI) component of the NIH MRI study of normal brain development (PedsDTI). <i>NeuroImage</i> , 2016, 124, 1125-1130.                                                                                    | 2.1 | 32        |
| 63 | Defining an Analytic Framework to Evaluate Quantitative MRI Markers of Traumatic Axonal Injury: Preliminary Results in a Mouse Closed Head Injury Model. <i>ENeuro</i> , 2017, 4, ENEURO.0164-17.2017.                                | 0.9 | 32        |
| 64 | Artifacts in Diffusion MRI. , 2010, , 303-318.                                                                                                                                                                                        |     | 32        |
| 65 | Quantitative Brain MRI. <i>Topics in Magnetic Resonance Imaging</i> , 2010, 21, 63.                                                                                                                                                   | 0.7 | 31        |
| 66 | Diffusion MRI properties of the human uncinat fasciculus correlate with the ability to learn visual associations. <i>Cortex</i> , 2015, 72, 65-78.                                                                                    | 1.1 | 31        |
| 67 | Evaluating corrections for Eddy currents and other EPI distortions in diffusion MRI: methodology and a dataset for benchmarking. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2774-2787.                                         | 1.9 | 31        |
| 68 | The Future for Diffusion Tensor Imaging in Neuropsychiatry. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2002, 14, 1-5.                                                                                             | 0.9 | 30        |
| 69 | Population based MRI and DTI templates of the adult ferret brain and tools for voxelwise analysis. <i>NeuroImage</i> , 2017, 152, 575-589.                                                                                            | 2.1 | 30        |
| 70 | Acute noise stress in rats increases the levels of diazepam binding inhibitor (DBI) in hippocampus and adrenal gland. <i>Psychopharmacology</i> , 1991, 103, 339-342.                                                                 | 1.5 | 29        |
| 71 | Establishing the ferret as a gyrencephalic animal model of traumatic brain injury: Optimization of controlled cortical impact procedures. <i>Journal of Neuroscience Methods</i> , 2017, 285, 82-96.                                  | 1.3 | 29        |
| 72 | Diffusion-weighted radial fast spin-echo for high-resolution diffusion tensor imaging at 3T. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 270-276.                                                                               | 1.9 | 27        |

| #  | ARTICLE                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | The Elliptical Cone of Uncertainty and Its Normalized Measures in Diffusion Tensor Imaging. IEEE Transactions on Medical Imaging, 2008, 27, 834-846.                                                                                   | 5.4 | 26        |
| 74 | Diffusion and Perfusion MRI in Epilepsy. Epilepsia, 2002, 43, 69-77.                                                                                                                                                                   | 2.6 | 23        |
| 75 | The spectrum of brainstem malformations associated to mutations of the tubulin genes family: MRI and DTI analysis. European Radiology, 2019, 29, 770-782.                                                                              | 2.3 | 22        |
| 76 | In vivo fiber tractography using DT-MRI data. , 2000, 44, 625.                                                                                                                                                                         |     | 21        |
| 77 | The phenotypic landscape of a Tbc1d24 mutant mouse includes convulsive seizures resembling human early infantile epileptic encephalopathy. Human Molecular Genetics, 2019, 28, 1530-1547.                                              | 1.4 | 20        |
| 78 | Effect of anticonvulsant drugs on peripheral benzodiazepine receptors of human lymphocytes. Neuropharmacology, 1995, 34, 427-431.                                                                                                      | 2.0 | 18        |
| 79 | In vivo diffusion tensor imaging of the human optic chiasm at sub-millimeter resolution. NeuroImage, 2009, 47, 1244-1251.                                                                                                              | 2.1 | 18        |
| 80 | Robust fat suppression at 3T in high-resolution diffusion-weighted single-shot echo-planar imaging of human brain. Magnetic Resonance in Medicine, 2011, 66, 1658-1665.                                                                | 1.9 | 18        |
| 81 | Progression of histopathological and behavioral abnormalities following mild traumatic brain injury in the male ferret. Journal of Neuroscience Research, 2018, 96, 556-572.                                                           | 1.3 | 18        |
| 82 | Analysis of the contribution of experimental bias, experimental noise, and inter-subject biological variability on the assessment of developmental trajectories in diffusion MRI studies of the brain. NeuroImage, 2015, 109, 480-492. | 2.1 | 16        |
| 83 | Direct and specific assessment of axonal injury and spinal cord microenvironments using diffusion correlation imaging. NeuroImage, 2020, 221, 117195.                                                                                  | 2.1 | 16        |
| 84 | Using double pulsed-field gradient MRI to study tissue microstructure in traumatic brain injury (TBI). Microporous and Mesoporous Materials, 2018, 269, 156-159.                                                                       | 2.2 | 15        |
| 85 | Detection and Distinction of Mild Brain Injury Effects in a Ferret Model Using Diffusion Tensor MRI (DTI) and DTI-Driven Tensor-Based Morphometry (D-TBM). Frontiers in Neuroscience, 2018, 12, 573.                                   | 1.4 | 15        |
| 86 | An automatic method for estimating noise-induced signal variance in magnitude-reconstructed magnetic resonance images. , 2005, , .                                                                                                     |     | 13        |
| 87 | Hypoplasia of cerebellar afferent networks in Down syndrome revealed by DTI-driven tensor based morphometry. Scientific Reports, 2020, 10, 5447.                                                                                       | 1.6 | 13        |
| 88 | Automatic Deformable Diffusion Tensor Registration for Fiber Population Analysis. Lecture Notes in Computer Science, 2008, 11, 1014-1022.                                                                                              | 1.0 | 13        |
| 89 | Peripheral benzodiazepine receptors and glucose metabolism in human gliomas. Journal of Neuro-Oncology, 1994, 22, 15-22.                                                                                                               | 1.4 | 12        |
| 90 | Blue blood or black blood: R1 effects in gradient-echo echo-planar functional neuroimaging. Magnetic Resonance Imaging, 1995, 13, 369-378.                                                                                             | 1.0 | 12        |

| #   | ARTICLE                                                                                                                                                                                                                            | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Inferring Structural and Architectural Features of Brain Tissue from DT-MRI Measurements. <i>CNS Spectrums</i> , 2002, 7, 510-515.                                                                                                 | 0.7 | 12        |
| 92  | Diffusion Tensor Histogram Analysis of Pediatric Diffuse Intrinsic Pontine Glioma. <i>BioMed Research International</i> , 2014, 2014, 1-9.                                                                                         | 0.9 | 12        |
| 93  | Tensor-based morphometry using scalar and directional information of diffusion tensor MRI data (DTBM): Application to hereditary spastic paraplegia. <i>Human Brain Mapping</i> , 2018, 39, 4643-4651.                             | 1.9 | 12        |
| 94  | The effect of Zika virus infection in the ferret. <i>Journal of Comparative Neurology</i> , 2019, 527, 1706-1719.                                                                                                                  | 0.9 | 10        |
| 95  | Empirical field mapping for gradient nonlinearity correction of multi-site diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2021, 76, 69-78.                                                                            | 1.0 | 10        |
| 96  | Brain phenotyping in Moebius syndrome and other congenital facial weakness disorders by diffusion MRI morphometry. <i>Brain Communications</i> , 2020, 2, fcaa014.                                                                 | 1.5 | 9         |
| 97  | DR-BUDDI: Diffeomorphic Registration for Blip Up-Down Diffusion Imaging. <i>Lecture Notes in Computer Science</i> , 2014, 17, 218-226.                                                                                             | 1.0 | 9         |
| 98  | Mapping gradient nonlinearity and miscalibration using diffusion-weighted MR images of a uniform isotropic phantom. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3259-3273.                                                   | 1.9 | 8         |
| 99  | Phantom-based field maps for gradient nonlinearity correction in diffusion imaging. , 2018, 10573, .                                                                                                                               |     | 8         |
| 100 | Three-dimensional mapping of lingual myoarchitecture by diffusion tensor MRI. <i>NMR in Biomedicine</i> , 2008, 21, 479-488.                                                                                                       | 1.6 | 7         |
| 101 | Investigation of vibration-induced artifact in clinical diffusion-weighted imaging of pediatric subjects. <i>Human Brain Mapping</i> , 2015, 36, 4745-4757.                                                                        | 1.9 | 6         |
| 102 | Harmonization of methods to facilitate reproducibility in medical data processing: Applications to diffusion tensor magnetic resonance imaging. , 2016, , .                                                                        |     | 6         |
| 103 | Characterization and correlation of signal drift in diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2019, 57, 133-142.                                                                                                 | 1.0 | 6         |
| 104 | Improved reproducibility of diffusion MRI of the human brain with a four-way blip-up and down phase-encoding acquisition approach. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2696-2708.                                    | 1.9 | 5         |
| 105 | Erratum to "Error propagation framework for diffusion tensor imaging via diffusion tensor representations". <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1424-1424.                                                     | 5.4 | 3         |
| 106 | Tract Orientation and Angular Dispersion Deviation Indicator (TOADDI): A framework for single-subject analysis in diffusion tensor imaging. <i>NeuroImage</i> , 2016, 126, 151-163.                                                | 2.1 | 3         |
| 107 | Investigation of the effect of dietary intake of omega-3 polyunsaturated fatty acids on trauma-induced white matter injury with quantitative diffusion MRI in mice. <i>Journal of Neuroscience Research</i> , 2020, 98, 2232-2244. | 1.3 | 3         |
| 108 | Translatonally Relevant Magnetic Resonance Imaging Markers in a Ferret Model of Closed Head Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 779533.                                                                           | 1.4 | 2         |

| #   | ARTICLE                                                                                                                                                               | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Estimating intensity variance due to noise in registered images. , 2005, , .                                                                                          |     | 1         |
| 110 | A new linear least squares method for T1 estimation from SPGR signals with multiple TRs. , 2009, , .                                                                  |     | 0         |
| 111 | The Elusive Goal of Obtaining Quantitative MRI Data That do not Need Inter-Site Harmonization A-Posteriori: Can We Achieve It?. Biological Psychiatry, 2020, 87, S55. | 0.7 | 0         |
| 112 | Finding the baby in the bath water “ evidence for training-specific changes in MRI measures of brain structure and function. Journal of Vision, 2018, 18, 760.        | 0.1 | 0         |
| 113 | Consideration of cerebrospinal fluid intensity variation in diffusion weighted MRI. , 2019, 10948, .                                                                  |     | 0         |