# Alessandra Bertoldo

List of Publications by Year
in descending order



| 128 | 3,475 | 126858 | 182361 |
|---|---|---|---|
| papers | citations | 33 h-index | 51 g-index |

| 132 | 132 | 132 | 5198 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neurite orientation dispersion and density imaging discloses early changes in the normal-appearing white matter in paediatric multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 332-334. | 0.9 | 2 |
| 2 | Quantification of normal-appearing white matter damage in early relapse-onset multiple sclerosis through neurite orientation dispersion and density imaging. Multiple Sclerosis and Related Disorders, 2022, 58, 103396. | 0.9 | 6 |
| 3 | Unveiling wholeâ€brain dynamics in normal aging through Hidden Markov Models. Human Brain Mapping, 2022, 43, 1129-1144. | 1.9 | 10 |
| 4 | Diffusion-based microstructure models in brain tumours: Fitting in presence of a model-microstructure mismatch. NeuroImage: Clinical, 2022, 34, 102968. | 1.4 | 0 |
| 5 | Magnetic Resonance Imaging Correlates of Immune Microenvironment in Glioblastoma. Frontiers in Oncology, 2022, 12, 823812. | 1.3 | 5 |
| 6 | Widespread cortical functional disconnection in gliomas: an individual network mapping approach. Brain Communications, 2022, 4, fcac082. | 1.5 | 17 |
| 7 | Impaired cognitive control in patients with brain tumors. Neuropsychologia, 2022, 169, 108187. | 0.7 | 0 |
| 8 | Assessment of structural disconnections in gliomas: comparison of indirect and direct approaches. Brain Structure and Function, 2022, 227, 3109-3120. | 1.2 | 5 |
| 9 | Variability of regional glucose metabolism and the topology of functional networks in the human brain. NeuroImage, 2022, 257, 119280. | 2.1 | 7 |
| 10 | Parametric Mapping for TSPO PET Imaging with Spectral Analysis Impulsive Response Function. Molecular Imaging and Biology, 2021, 23, 560-571. | 1.3 | 4 |
| 11 | The contribution of beta-amyloid to dementia in Lewy body diseases: a 1-year follow-up study. Brain Communications, 2021, 3, fcab180. | 1.5 | 17 |
| 12 | Insulin Resistance Is Associated With Enhanced Brain Glucose Uptake During Euglycemic Hyperinsulinemia: A Large-Scale PET Cohort. Diabetes Care, 2021, 44, 788-794. | 4.3 | 31 |
| 13 | NODDI discloses early changes in the normal appearing white matter in paediatric multiple sclerosis. Journal of the Neurological Sciences, 2021, 429, 118881. | 0.3 | 0 |
| 14 | Quantification of Brain Î²-Amyloid Load in Parkinson's Disease With Mild Cognitive Impairment: A PET/MRI Study. Frontiers in Neurology, 2021, 12, 760518. | 1.1 | 4 |
| 15 | Sparse DCM for whole-brain effective connectivity from resting-state fMRI data. NeuroImage, 2020, 208, 116367. | 2.1 | 35 |
| 16 | Multishell Diffusion MRIâ€“Based Tractography of the Facial Nerve in Vestibular Schwannoma. American Journal of Neuroradiology, 2020, 41, 1480-1486. | 1.2 | 8 |
| 17 | Multicenter Validation Of Population-Based Input Function With Non-Linear Mixed Effect Modeling For Voxel-Wise Quantification Of [<sup>18</sup>F]Fdg Metabolic Rate. , 2019, , . | | 3 |
| 18 | Dynamic <sup>11</sup>C-PiB PET Shows Cerebrospinal Fluid Flow Alterations in Alzheimer Disease and Multiple Sclerosis. Journal of Nuclear Medicine, 2019, 60, 1452-1460. | 2.8 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Preoperative Prediction of Facial Nerve in Patients with Vestibular Schwannomas: The Role of Diffusion Tensor Imagingâ€"A Systematic Review. World Neurosurgery, 2019, 125, 24-31. | 0.7 | 12 |
| 20 | Covariance statistics and network analysis of brain PET imaging studies. Scientific Reports, 2019, 9, 2496. | 1.6 | 42 |
| 21 | A Unified Framework for Plasma Data Modeling in Dynamic Positron Emission Tomography Studies. IEEE Transactions on Biomedical Engineering, 2019, 66, 1447-1455. | 2.5 | 14 |
| 22 | Archetypes of human cognition defined by time preference for reward and their brain correlates: An evolutionary trade-off approach. NeuroImage, 2019, 185, 322-334. | 2.1 | 15 |
| 23 | Generalization of endothelial modelling of TSPO PET imaging: Considerations on tracer affinities. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 874-885. | 2.4 | 38 |
| 24 | Substitution of venous for arterial blood sampling in the determination of regional rates of cerebral protein synthesis with L-[1-<sup>11</sup>C]leucine PET: A validation study. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1849-1863. | 2.4 | 5 |
| 25 | Inflammatory intrathecal profiles and cortical damage in multiple sclerosis. Annals of Neurology, 2018, 83, 739-755. | 2.8 | 219 |
| 26 | Impact of tissue kinetic heterogeneity on PET quantification: case study with the L-[1-11C]leucine PET method for cerebral protein synthesis rates. Scientific Reports, 2018, 8, 931. | 1.6 | 9 |
| 27 | Kinetic modelling of [<sup>11</sup>C]PBR28 for 18â€‰kDa translocator protein PET data: A validation study of vascular modelling in the brain using XBD173 and tissue analysis. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1227-1242. | 2.4 | 51 |
| 28 | The kinetics of 18F-FDG in lung cancer: compartmental models and voxel analysis. EJNMMI Research, 2018, 8, 88. | 1.1 | 3 |
| 29 | Effects of shortened scanning intervals on calculated regional rates of cerebral protein synthesis determined with the L-[1-11C]leucine PET method. PLoS ONE, 2018, 13, e0195580. | 1.1 | 10 |
| 30 | A robust deconvolution method to disentangle multiple water pools in diffusion MRI. NMR in Biomedicine, 2018, 31, e3965. | 1.6 | 23 |
| 31 | Multiparametric quantitative MRI assessment of thigh muscles in limbâ€girdle muscular dystrophy 2A and 2B. Muscle and Nerve, 2018, 58, 550-558. | 1.0 | 37 |
| 32 | Stable spline deconvolution for dynamic susceptibility contrast MRI. Magnetic Resonance in Medicine, 2017, 78, 1801-1811. | 1.9 | 3 |
| 33 | Heterogeneity of Cortical Lesion Susceptibility Mapping in Multiple Sclerosis. American Journal of Neuroradiology, 2017, 38, 1087-1095. | 1.2 | 16 |
| 34 | Protein synthesis is associated with high-speed dynamics and broad-band stability of functional hubs in the brain. NeuroImage, 2017, 155, 209-216. | 2.1 | 7 |
| 35 | TMS-evoked long-lasting artefacts: A new adaptive algorithm for EEG signal correction. Clinical Neurophysiology, 2017, 128, 1563-1574. | 0.7 | 41 |
| 36 | Test-retest reproducibility of quantitative binding measures of [ 11 C]Ro15-4513, a PET ligand for GABA A receptors containing alpha5 subunits. NeuroImage, 2017, 152, 270-282. | 2.1 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Structural hemispheric asymmetries underlie verbal Stroop performance. Behavioural Brain Research, 2017, 335, 167-173. | 1.2 | 6 |
| 38 | On the Role of the Inferior Intraparietal Sulcus in Visual Working Memory for Lateralized Single-feature Objects. Journal of Cognitive Neuroscience, 2017, 29, 337-351. | 1.1 | 13 |
| 39 | Effects of perfusion on DTI and DKI estimates in the skeletal muscle. Magnetic Resonance in Medicine, 2017, 78, 233-246. | 1.9 | 36 |
| 40 | Similar white matter changes in schizophrenia and bipolar disorder: A tract-based spatial statistics study. PLoS ONE, 2017, 12, e0178089. | 1.1 | 63 |
| 41 | Brain PET and functional MRI: why simultaneously using hybrid PET/MR systems?. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 345-359. | 0.4 | 21 |
| 42 | Spectral Analysis of Dynamic PET Studies: A Review of 20 Years of Method Developments and Applications. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-15. | 0.7 | 28 |
| 43 | White matter and task-switching in young adults: A Diffusion Tensor Imaging study. Neuroscience, 2016, 329, 349-362. | 1.1 | 15 |
| 44 | Plasma radiometabolite correction in dynamic PET studies: Insights on the available modeling approaches. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 326-339. | 2.4 | 36 |
| 45 | Measuring specific receptor binding of a PET radioligand in human brain without pharmacological blockade: The genomic plot. NeuroImage, 2016, 130, 1-12. | 2.1 | 21 |
| 46 | Microglial Activity in People at Ultra High Risk of Psychosis and in Schizophrenia: An [<sup>11</sup>C]PBR28 PET Brain Imaging Study. American Journal of Psychiatry, 2016, 173, 44-52. | 4.0 | 382 |
| 47 | Quantification of Dynamic [18F]FDG Pet Studies in Acute Lung Injury. Molecular Imaging and Biology, 2016, 18, 143-152. | 1.3 | 13 |
| 48 | MENGA: A New Comprehensive Tool for the Integration of Neuroimaging Data and the Allen Human Brain Transcriptome Atlas. PLoS ONE, 2016, 11, e0148744. | 1.1 | 62 |
| 49 | The methodology of TSPO imaging with positron emission tomography. Biochemical Society Transactions, 2015, 43, 586-592. | 1.6 | 186 |
| 50 | Estimation of arterial arrival time and cerebral blood flow from QUASAR arterial spin labeling using stable spline. Magnetic Resonance in Medicine, 2015, 74, 1758-1767. | 1.9 | 2 |
| 51 | Modelling arterial input functions in positron emission tomography dynamic studies. , 2015, 2015, 2247-50. | | 18 |
| 52 | Visual Predictive Check in Models with Time-Varying Input Function. AAPS Journal, 2015, 17, 1455-1463. | 2.2 | 3 |
| 53 | Improved Models for Plasma Radiometabolite Correction and their Impact on Kinetic Quantification in PET Studies. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1462-1469. | 2.4 | 14 |
| 54 | Physiological Modelling of Positron Emission Tomography Images. , 2014, , 417-448. | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Interactions Among Glucose Delivery, Transport, and Phosphorylation That Underlie Skeletal Muscle Insulin Resistance in Obesity and Type 2 Diabetes: Studies With Dynamic PET Imaging. Diabetes, 2014, 63, 1058-1068. | 0.3 | 39 |
| 56 | Kinetic Modeling without Accounting for the Vascular Component Impairs the Quantification of [<sup>11</sup>C]PBR28 Brain PET Data. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1060-1069. | 2.4 | 112 |
| 57 | The Predictive Power of Brain mRNA Mappings for in vivo Protein Density: A Positron Emission Tomography Correlation Study. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 827-835. | 2.4 | 44 |
| 58 | Dynamic PET Imaging Reveals Heterogeneity of Skeletal Muscle Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E102-E106. | 1.8 | 18 |
| 59 | Investigation of brain hemodynamic changes induced by active and passive movements: A combined arterial spin labelingâ€“BOLD fMRI study. Journal of Magnetic Resonance Imaging, 2014, 40, 937-948. | 1.9 | 32 |
| 60 | Advancing Our Understanding of the Glucose System via Modeling: A Perspective. IEEE Transactions on Biomedical Engineering, 2014, 61, 1577-1592. | 2.5 | 38 |
| 61 | Deriving physiological information from PET images: from SUV to compartmental modelling. Clinical and Translational Imaging, 2014, 2, 239-251. | 1.1 | 38 |
| 62 | Effect of voluntary repetitive long-lasting muscle contraction activity on the BOLD signal as assessed by optimal hemodynamic response function. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2014, 27, 171-184. | 1.1 | 4 |
| 63 | Serum ferritin is associated with non-alcoholic fatty liver disease and decreased Î²-cell function in non-diabetic men and women. Journal of Diabetes and Its Complications, 2014, 28, 177-184. | 1.2 | 26 |
| 64 | Multi-scale hierarchical approach for parametric mapping: Assessment on multi-compartmental models. NeuroImage, 2013, 67, 344-353. | 2.1 | 13 |
| 65 | White matter metabolism differentiates schizophrenia and bipolar disorder: a preliminary PET study. Psychiatry Research - Neuroimaging, 2013, 214, 410-414. | 0.9 | 31 |
| 66 | Modelling hemodynamic response function in epilepsy. Clinical Neurophysiology, 2013, 124, 2108-2118. | 0.7 | 23 |
| 67 | SAKE: A new quantification tool for positron emission tomography studies. Computer Methods and Programs in Biomedicine, 2013, 111, 199-213. | 2.6 | 14 |
| 68 | Heterogeneity of Cortical Lesions in Multiple Sclerosis: An MRI Perfusion Study. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 457-463. | 2.4 | 36 |
| 69 | A non-linear mixed effect modelling approach for metabolite correction of the arterial input function in PET studies. NeuroImage, 2013, 66, 611-622. | 2.1 | 7 |
| 70 | Voxelwise Quantification of [<sup>11</sup>C](R)-Rolipram PET Data: A Comparison Between Model-Based and Data-Driven Methods. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1032-1040. | 2.4 | 12 |
| 71 | Frequency and time-frequency analysis of intraoperative ECoG during awake brain stimulation. Frontiers in Neuroengineering, 2013, 6, 1. | 4.8 | 22 |
| 72 | Time-frequency analysis of short-lasting modulation of EEG induced by TMS during wake, sleep deprivation and sleep. Frontiers in Human Neuroscience, 2013, 7, 767. | 1.0 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Automatic selection of resting-state networks with functional magnetic resonance imaging. Frontiers in Neuroscience, 2013, 7, 72. | 1.4 | 38 |
| 74 | Use of Spectral Analysis with Iterative Filter for Voxelwise Determination of Regional Rates of Cerebral Protein Synthesis with <scp>L</scp>-[1-<sup>11</sup>C]leucine PET. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1073-1085. | 2.4 | 18 |
| 75 | [11C]-MP4A PET Cholinergic Measurements in Amnestic Mild Cognitive Impairment, Probable Alzheimer's Disease, and Dementia with Lewy Bodies: A Bayesian Method and Voxel-Based Analysis. Journal of Alzheimer's Disease, 2012, 31, 387-399. | 1.2 | 41 |
| 76 | Time-frequency analysis of short-lasting modulation of EEG induced by intracortical and transcallosal paired TMS over motor areas. Journal of Neurophysiology, 2012, 107, 2475-2484. | 0.9 | 27 |
| 77 | Supervised classification of brain tissues through local multi-scale texture analysis by coupling DIR and FLAIR MR sequences. , 2012, , . | | 3 |
| 78 | Effect of median-nerve electrical stimulation on BOLD activity in acute ischemic stroke patients. Clinical Neurophysiology, 2012, 123, 142-153. | 0.7 | 25 |
| 79 | A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial. Trials, 2012, 13, 73. | 0.7 | 47 |
| 80 | Multi-Scale hierarchical generation of PET parametric maps: Application and testing on a [11C]DPN study. NeuroImage, 2012, 59, 2485-2493. | 2.1 | 13 |
| 81 | A robust method for investigating thalamic white matter tracts after traumatic brain injury. NeuroImage, 2012, 63, 779-788. | 2.1 | 40 |
| 82 | Identification of the glucose minimal model by stochastic nonlinear-mixed effects methods. , 2012, 2012, 5482-5. | | 2 |
| 83 | SigMate: A Matlab-based automated tool for extracellular neuronal signal processing and analysis. Journal of Neuroscience Methods, 2012, 207, 97-112. | 1.3 | 40 |
| 84 | Title is missing!. Journal of Medical and Biological Engineering, 2012, 32, 397. | 1.0 | 13 |
| 85 | SigMate: A comprehensive software package for extracellular neuronal signal processing and analysis. , 2011, , . | | 10 |
| 86 | Global-two-stage filtering of clinical PET parametric maps: Application to [11C]-(R)-PK11195. NeuroImage, 2011, 55, 942-953. | 2.1 | 8 |
| 87 | Integrating EEG and fMRI in epilepsy. NeuroImage, 2011, 54, 2719-2731. | 2.1 | 46 |
| 88 | Assessment of clinical data of nonlinear stochastic deconvolution versus block-circulant singular value decomposition for quantitative dynamic susceptibility contrast magnetic resonance imaging. Magnetic Resonance Imaging, 2011, 29, 927-936. | 1.0 | 6 |
| 89 | Cerebellar and lobar blood flow in schizophrenia: A perfusion weighted imaging study. Psychiatry Research - Neuroimaging, 2011, 193, 46-52. | 0.9 | 10 |
| 90 | Automatic selection of arterial input function on dynamic contrast-enhanced MR images. Computer Methods and Programs in Biomedicine, 2011, 104, e148-e157. | 2.6 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | The impact of schizophrenia on frontal perfusion parameters: a DSC-MRI study. Journal of Neural Transmission, 2011, 118, 563-570. | 1.4 | 16 |
| 92 | An automated method for detection of layer activation order in information processing pathway of rat barrel cortex under mechanical whisker stimulation. Journal of Neuroscience Methods, 2011, 196, 141-150. | 1.3 | 25 |
| 93 | Cortical Diffusion-Tensor Imaging Abnormalities in Multiple Sclerosis: A 3-year Longitudinal Study. Radiology, 2011, 261, 891-898. | 3.6 | 78 |
| 94 | An automated method for clustering single sweep local field potentials recorded from rat barrel cortex. , 2011, , . | | 4 |
| 95 | Unsupervised Segmentation of Brain Tissues using Multiphase Level Sets on Multiple MRI Sequences. , 2011, , . | | 0 |
| 96 | A Spectral Analysis Approach for Determination of Regional Rates of Cerebral Protein Synthesis with the L-[1-<sup>11</sup>C]leucine PET Method. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1460-1476. | 2.4 | 28 |
| 97 | Automatic detection of layer activation order in information processing pathways of rat barrel cortex under mechanical whisker stimulation. , 2010, 2010, 6095-8. | | 11 |
| 98 | Kinetic modeling of the adenosine A2A subtype receptor radioligand [11C]SCH442416 in humans. NeuroImage, 2010, 52, S178. | 2.1 | 2 |
| 99 | A spectral analysis approach for voxelwise determination of regional rates of cerebral protein synthesis with the L-[1-11C]leucine PET method. NeuroImage, 2010, 52, S212. | 2.1 | 0 |
| 100 | Use of the global-two-stage algorithm to improve parametric maps in PET imaging: Application to [11C](R)-PK11195. NeuroImage, 2010, 52, S215. | 2.1 | 0 |
| 101 | Empirical Bayesian estimation in graphical analysis: a voxel-based approach for the determination of the volume of distribution in PET studies. Nuclear Medicine and Biology, 2010, 37, 443-451. | 0.3 | 14 |
| 102 | SigMate: A MATLAB-based neuronal signal processing tool. , 2010, 2010, 1352-5. | | 20 |
| 103 | Processing of neuronal signals recorded by brain-chip interface from surface of the S1 brain cortex. , 2010, , . | | 3 |
| 104 | IVGTT glucose minimal model covariate selection by nonlinear mixed-effects approach. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E950-E960. | 1.8 | 19 |
| 105 | EEG based brain-machine interface for navigation of robotic device. , 2010, , . | | 20 |
| 106 | A contour based automatic method to classify Local Field Potentials recorded from rat barrel cortex. , 2010, , . | | 10 |
| 107 | Nonlinear Stochastic Regularization to Characterize Tissue Residue Function in Bolus-Tracking MRI: Assessment and Comparison With SVD, Block-Circulant SVD, and Tikhonov. IEEE Transactions on Biomedical Engineering, 2009, 56, 1287-1297. | 2.5 | 36 |
| 108 | PET Parametric Imaging Improved by Global-Two-Stage Method. Annals of Biomedical Engineering, 2009, 37, 419-427. | 1.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Voxel-Based Estimation of Kinetic Model Parameters of the <scp>l</scp>-[1-<sup>11</sup>C]Leucine PET Method for Determination of Regional Rates of Cerebral Protein Synthesis: Validation and Comparison with Region-of-Interest-Based Methods. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1317-1331. | 2.4 | 26 |
| 110 | Nonlinear Mixed Effects to Improve Glucose Minimal Model Parameter Estimation: A Simulation Study in Intensive and Sparse Sampling. IEEE Transactions on Biomedical Engineering, 2009, 56, 2156-2166. | 2.5 | 14 |
| 111 | Glucose Minimal Model population analysis: Likelihood function profiling via Monte Carlo sampling. , 2008, 2008, 4932-5. | | 3 |
| 112 | Novel Reference Region Model Reveals Increased Microglial and Reduced Vascular Binding of <sup>11</sup>C-(R)-PK11195 in Patients with Alzheimer's Disease. Journal of Nuclear Medicine, 2008, 49, 1249-1256. | 2.8 | 81 |
| 113 | Data Modeling and Simulation. , 2008, , 115-136. | | 0 |
| 114 | Muscle glucose transport and phosphorylation in type 2 diabetic, obese nondiabetic, and genetically predisposed individuals. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E92-E100. | 1.8 | 72 |
| 115 | Identification of IVGTT minimal glucose model by nonlinear mixed-effects approaches. , 2006, 2006, 5049-52. | | 4 |
| 116 | Dose-responsive insulin regulation of glucose transport in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1124-E1130. | 1.8 | 14 |
| 117 | Quantitative in vivo imaging of microglia activation using [11C]PK11195 and two reference tissue models. NeuroImage, 2006, 31, T79. | 2.1 | 3 |
| 118 | Interactions Between Delivery, Transport, and Phosphorylation of Glucose in Governing Uptake Into Human Skeletal Muscle. Diabetes, 2006, 55, 3028-3037. | 0.3 | 50 |
| 119 | Identification of IVGTT minimal glucose model by nonlinear mixed-effects approaches. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , . | 0.5 | 0 |
| 120 | Quantitative Assessment of Glucose Transport in Human Skeletal Muscle: Dynamic Positron Emission Tomography Imaging of [O-Methyl-11C]3-O-Methyl-d-Glucose. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1752-1759. | 1.8 | 21 |
| 121 | Impact of unmetabolized tracer function modeling on quantification of [carbonyl-11C]WAY-100635 PET images. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S630-S630. | 2.4 | 0 |
| 122 | Binding potential underestimation with reference tissue models: Insight from [carbonyl-11C]WAY-100635 simulation studies. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S641-S641. | 2.4 | 0 |
| 123 | â€œPopulationâ€•Approach Improves Parameter Estimation of Kinetic Models From Dynamic PET Data. IEEE Transactions on Medical Imaging, 2004, 23, 297-306. | 5.4 | 26 |
| 124 | Weight Loss-Induced Plasticity of Glucose Transport and Phosphorylation in the Insulin Resistance of Obesity and Type 2 Diabetes. Diabetes, 2003, 52, 1619-1626. | 0.3 | 34 |
| 125 | Glucose Transport and Phosphorylation in Skeletal Muscle in Obesity: Insight from a Muscle-Specific Positron Emission Tomography Model. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1271-1279. | 1.8 | 36 |
| 126 | Direct measurement of the lumped constant for 2-deoxy-[1-14C]glucose in vivo in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E228-E233. | 1.8 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Estimation of Component and Parameter Distributions in Spectral Analysis. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 1211-1222. | 2.4 | 38 |
| 128 | Evaluation of compartmental and spectral analysis models of [/sup 18/F]FDG kinetics for heart and brain studies with PET. IEEE Transactions on Biomedical Engineering, 1998, 45, 1429-1448. | 2.5 | 55 |