

Dean F Wong

List of Publications by Year in descending order

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145
papers

8,248
citations

81900

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49909

87
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153
all docs

153
docs citations

153
times ranked

9454
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Associations Between Atrial Arrhythmias and Brain Amyloid Deposition: The ARIC-PET Study. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 43-48. | 2.6 | 0 |
| 2 | The prospective association between periodontal disease and brain imaging outcomes: The Atherosclerosis Risk in Communities study. <i>Journal of Clinical Periodontology</i> , 2022, 49, 322-334. | 4.9 | 5 |
| 3 | Fragile X Mental Retardation Protein and Cerebral Expression of Metabotropic Glutamate Receptor Subtype 5 in Men with Fragile X Syndrome: A Pilot Study. <i>Brain Sciences</i> , 2022, 12, 314. | 2.3 | 7 |
| 4 | Brain opioid segments and striatal patterns of dopamine release induced by naloxone and morphine. <i>Human Brain Mapping</i> , 2022, 43, 1419-1430. | 3.6 | 11 |
| 5 | Phase 1 Evaluation of C-CS1P1 to Assess Safety and Dosimetry in Human Participants.. <i>Journal of Nuclear Medicine</i> , 2022, , . | 5.0 | 3 |
| 6 | Carotid Intima-Media Thickness and Amyloid- β Deposition: The ARIC-PET Study. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-6. | 2.6 | 0 |
| 7 | Brain Imaging Features Associated with 20-Year Cognitive Decline in a Community-Based Multiethnic Cohort without Dementia. <i>Neuroepidemiology</i> , 2022, 56, 183-191. | 2.3 | 2 |
| 8 | Neuronal insulin signaling and brain structure in nondemented older adults: the Atherosclerosis Risk in Communities Study. <i>Neurobiology of Aging</i> , 2021, 97, 65-72. | 3.1 | 11 |
| 9 | An open-label, positron emission tomography study of the striatal D2/D3 receptor occupancy and pharmacokinetics of single-dose oral brexpiprazole in healthy participants. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 717-725. | 1.9 | 10 |
| 10 | Imaging-based indices of Neuropathology and gait speed decline in older adults: the atherosclerosis risk in communities study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2387-2396. | 2.1 | 12 |
| 11 | Generalizability of findings from a clinical sample to a community-based sample: A comparison of ADNI and ARIC. <i>Alzheimer's and Dementia</i> , 2021, 17, 1265-1276. | 0.8 | 20 |
| 12 | Cerebral Expression of Metabotropic Glutamate Receptor Subtype 5 in Idiopathic Autism Spectrum Disorder and Fragile X Syndrome: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2863. | 4.1 | 19 |
| 13 | Brain imaging of cannabinoid type 1 (CB ₁) receptors in women with cannabis use disorder and male and female healthy controls. <i>Addiction Biology</i> , 2021, 26, e13061. | 2.6 | 27 |
| 14 | Bile acid synthesis, modulation, and dementia: A metabolomic, transcriptomic, and pharmacoepidemiologic study. <i>PLoS Medicine</i> , 2021, 18, e1003615. | 8.4 | 38 |
| 15 | Relative strengths of three linearizations of receptor availability: Saturation, Inhibition, and Occupancy plots. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.117.204453. | 5.0 | 3 |
| 16 | Deconvolution-based partial volume correction of PET images with parallel level set regularization. <i>Physics in Medicine and Biology</i> , 2021, 66, 145003. | 3.0 | 6 |
| 17 | Age of amyloid onset, but not amyloid accumulation rate, differs across APOE ϵ 4 carriers vs. non-carriers in three cohorts and three methods. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.8 | 0 |
| 18 | The Relationship of Varenicline Agonism of α 4 β 2 Nicotinic Acetylcholine Receptors and Nicotine-Induced Dopamine Release in Nicotine-Dependent Humans. <i>Nicotine and Tobacco Research</i> , 2020, 22, 892-899. | 2.6 | 8 |

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|----|--|-----|-----------|
| 19 | High Availability of the $\alpha 7$ -Nicotinic Acetylcholine Receptor in Brains of Individuals with Mild Cognitive Impairment: A Pilot Study Using 18 F-ASEM PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 423-426. | 5.0 | 22 |
| 20 | Association of Intracranial Atherosclerotic Disease With Brain $\beta 2$ -Amyloid Deposition. <i>JAMA Neurology</i> , 2020, 77, 350. | 9.0 | 27 |
| 21 | Ethnic disparities in pain processing among healthy adults: μ -opioid receptor binding potential as a putative mechanism. <i>Pain</i> , 2020, 161, 810-820. | 4.2 | 11 |
| 22 | Dataset of quantitative structured office measurements of movements in the extremities. <i>Data in Brief</i> , 2020, 31, 105876. | 1.0 | 5 |
| 23 | Reduced Expression of Cerebral Metabotropic Glutamate Receptor Subtype 5 in Men with Fragile X Syndrome. <i>Brain Sciences</i> , 2020, 10, 899. | 2.3 | 15 |
| 24 | The association between midlife lipid levels and late-life brain amyloid deposition. <i>Neurobiology of Aging</i> , 2020, 92, 73-74. | 3.1 | 9 |
| 25 | Mid- and Late-Life Leisure-Time Physical Activity and Global Brain Amyloid Burden: The Atherosclerosis Risk in Communities (ARIC)-PET Study. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 139-147. | 2.6 | 4 |
| 26 | Beta-amyloid ($A\beta$) uptake by PET imaging in older HIV+ and HIV- individuals. <i>Journal of NeuroVirology</i> , 2020, 26, 382-390. | 2.1 | 15 |
| 27 | Medial Temporal Tau Pathology Is Associated With Verbal Memory. <i>Innovation in Aging</i> , 2020, 4, 767-767. | 0.1 | 0 |
| 28 | A cholecystokinin B receptor antagonist and cocaine interaction, phase I study. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 136-146. | 3.9 | 5 |
| 29 | Transcranial Recording of Electrophysiological Neural Activity in the Rodent Brain in vivo Using Functional Photoacoustic Imaging of Near-Infrared Voltage-Sensitive Dye. <i>Frontiers in Neuroscience</i> , 2019, 13, 579. | 2.8 | 40 |
| 30 | The effect of ApoE $\epsilon 4$ on longitudinal brain region-specific glucose metabolism in patients with mild cognitive impairment: a FDG-PET study. <i>NeuroImage: Clinical</i> , 2019, 22, 101795. | 2.7 | 34 |
| 31 | Effect of STN DBS on vesicular monoamine transporter 2 and glucose metabolism in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 235-241. | 2.2 | 12 |
| 32 | Association of PET-measured myocardial flow reserve with echocardiography-estimated pulmonary artery systolic pressure in patients with hypertrophic cardiomyopathy. <i>PLoS ONE</i> , 2019, 14, e0212573. | 2.5 | 3 |
| 33 | Association of Head Injury with Brain Amyloid Deposition: The ARIC-PET Study. <i>Journal of Neurotrauma</i> , 2019, 36, 2549-2557. | 3.4 | 10 |
| 34 | Sex differences in the association between amyloid and longitudinal brain volume change in cognitively normal older adults. <i>NeuroImage: Clinical</i> , 2019, 22, 101769. | 2.7 | 20 |
| 35 | PET imaging of dopamine release in the frontal cortex of manganese-exposed non-human primates. <i>Journal of Neurochemistry</i> , 2019, 150, 188-201. | 3.9 | 9 |
| 36 | Cognitive Reserve in Midlife is not Associated with Amyloid- β Deposition in Late-Life. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 517-521. | 2.6 | 9 |

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|----|--|-----|-----------|
| 37 | Dopamine D2 receptor occupancy of lumateperone (ITI-007): a Positron Emission Tomography Study in patients with schizophrenia. <i>Neuropsychopharmacology</i> , 2019, 44, 598-605. | 5.4 | 207 |
| 38 | Synthesis and Evaluation of a New 18F-Labeled Radiotracer for Studying the GABAB Receptor in the Mouse Brain. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1453-1461. | 3.5 | 7 |
| 39 | ¹⁸ F-XTRA PET for Enhanced Imaging of the Extrathalamic $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1603-1608. | 5.0 | 15 |
| 40 | $\beta 2$ -amyloid deposition is associated with gait variability in usual aging. <i>Gait and Posture</i> , 2018, 61, 346-352. | 1.4 | 15 |
| 41 | Feasibility Evaluation of Myocardial Cannabinoid Type 1 Receptor Imaging in Obesity. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 320-332. | 5.3 | 24 |
| 42 | Metabotropic glutamate receptor 5 tracer [18F]-FPEB displays increased binding potential in postcentral gyrus and cerebellum of male individuals with autism: a pilot PET study. <i>Cerebellum and Ataxias</i> , 2018, 5, 3. | 1.9 | 36 |
| 43 | Characterization of 3 Novel Tau Radiopharmaceuticals, ¹¹ C-RO-963, ¹¹ C-RO-643, and ¹⁸ F-RO-948, in Healthy Controls and in Alzheimer Subjects. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1869-1876. | 5.0 | 81 |
| 44 | Arterial stiffness and dementia pathology. <i>Neurology</i> , 2018, 90, e1248-e1256. | 1.1 | 114 |
| 45 | Preclinical Evaluation of ¹⁸ F-RO6958948, ¹¹ C-RO6931643, and ¹¹ C-RO6924963 as Novel PET Radiotracers for Imaging Tau Aggregates in Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2018, 59, 675-681. | 5.0 | 71 |
| 46 | The distribution of the $\alpha 7$ nicotinic acetylcholine receptor in healthy aging: An in vivo positron emission tomography study with [18F]ASEM. <i>NeuroImage</i> , 2018, 165, 118-124. | 4.2 | 27 |
| 47 | P3 β : INDEPENDENT AND SYNERGISTIC EFFECTS OF AMYLOID PATHOLOGY AND HIPPOCAMPAL NEURODEGENERATION ON COGNITIVE CHANGE IN COGNITIVELY NORMAL OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1271. | 0.8 | 0 |
| 48 | The Association of Mid- and Late-Life Systemic Inflammation with Brain Amyloid Deposition: The ARIC-PET Study. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1041-1052. | 2.6 | 20 |
| 49 | Vestibular Function and Beta-Amyloid Deposition in the Baltimore Longitudinal Study of Aging. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 408. | 3.4 | 6 |
| 50 | Early affective changes and increased connectivity in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 471-479. | 2.4 | 40 |
| 51 | Remission of Gilles de la Tourette Syndrome after Heat-Induced Dehydration. <i>International Journal of Physical Medicine & Rehabilitation</i> , 2018, 06, . | 0.5 | 0 |
| 52 | ICA-P β 001: SURROGATES OF REGIONAL CEREBRAL BLOOD FLOW COMPUTED FROM DYNAMIC AMYLOID PET IMAGING. <i>Alzheimer's and Dementia</i> , 2018, 14, P14. | 0.8 | 0 |
| 53 | Excessive daytime sleepiness and napping in cognitively normal adults: associations with subsequent amyloid deposition measured by PiB PET. <i>Sleep</i> , 2018, 41, . | 1.1 | 53 |
| 54 | Incorporating reflection boundary conditions in the Neumann series radiative transport equation: application to photon propagation and reconstruction in diffuse optical imaging. <i>Biomedical Optics Express</i> , 2018, 9, 1389. | 2.9 | 3 |

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|----|---|-----|-----------|
| 55 | Image reconstruction in fluorescence molecular tomography with sparsity-initialized maximum-likelihood expectation maximization. <i>Biomedical Optics Express</i> , 2018, 9, 3106. | 2.9 | 5 |
| 56 | Metabolic Syndrome and Amyloid Accumulation in the Aging Brain. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 629-639. | 2.6 | 44 |
| 57 | Standardization of amyloid quantitation with florbetapir standardized uptake value ratios to the Centiloid scale. <i>Alzheimer's and Dementia</i> , 2018, 14, 1565-1571. | 0.8 | 98 |
| 58 | Evaluation of ¹⁸ F-RO-948 PET for Quantitative Assessment of Tau Accumulation in the Human Brain. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1877-1884. | 5.0 | 64 |
| 59 | Voltage-sensitive dye delivery through the blood brain barrier using adenosine receptor agonist regadenoson. <i>Biomedical Optics Express</i> , 2018, 9, 3915. | 2.9 | 17 |
| 60 | Are dopamine receptor and transporter changes in Rett syndrome reflected in Mecp2-deficient mice?. <i>Experimental Neurology</i> , 2018, 307, 74-81. | 4.1 | 15 |
| 61 | Effects of amyloid pathology and neurodegeneration on cognitive change in cognitively normal adults. <i>Brain</i> , 2018, 141, 2475-2485. | 7.6 | 78 |
| 62 | Family history of alcoholism is related to increased D ₂ /D ₃ receptor binding potential: a marker of resilience or risk?. <i>Addiction Biology</i> , 2017, 22, 218-228. | 2.6 | 15 |
| 63 | A three-step reconstruction method for fluorescence molecular tomography based on compressive sensing. , 2017, 10059, . | | 5 |
| 64 | Association Between Midlife Vascular Risk Factors and Estimated Brain Amyloid Deposition. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1443. | 7.4 | 451 |
| 65 | Listening to membrane potential: photoacoustic voltage-sensitive dye recording. <i>Journal of Biomedical Optics</i> , 2017, 22, 045006. | 2.6 | 38 |
| 66 | Molecular imaging of serotonin degeneration in mild cognitive impairment. <i>Neurobiology of Disease</i> , 2017, 105, 33-41. | 4.4 | 61 |
| 67 | Linking dopaminergic reward signals to the development of attentional bias: A positron emission tomographic study. <i>NeuroImage</i> , 2017, 157, 27-33. | 4.2 | 46 |
| 68 | Association between serotonin denervation and resting-state functional connectivity in mild cognitive impairment. <i>Human Brain Mapping</i> , 2017, 38, 3391-3401. | 3.6 | 15 |
| 69 | A radiative transfer equation-based image-reconstruction method incorporating boundary conditions for diffuse optical imaging. , 2017, 10137, . | | 2 |
| 70 | Density of available striatal dopamine receptors predicts trait impulsiveness during performance of an attention-demanding task. <i>Journal of Neurophysiology</i> , 2017, 118, 64-68. | 1.8 | 5 |
| 71 | Development of a radioligand for imaging V _{1a} vasopressin receptors with PET. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 644-656. | 5.5 | 8 |
| 72 | Radioligand binding analysis of α_2 adrenoceptors with [¹¹ C]yohimbine in brain in vivo: Extended Inhibition Plot correction for plasma protein binding. <i>Scientific Reports</i> , 2017, 7, 15979. | 3.3 | 14 |

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|----|--|-----|-----------|
| 73 | [ICâ€Pâ€188]: ON EVALUATION OF TAU ACCUMULATIONS IN LONGITUDINAL STUDIES OF ALZHEIMER'S DISEASE (AD): IMPLICATIONS FROM A PET STUDY WITH [18F]RO6958948. Alzheimer's and Dementia, 2017, 13, P139. | 0.8 | 5 |
| 74 | Notice of Removal: Real-time recording of neuronal voltage membrane variation during seizure using transcranial photoacoustic voltage-sensitive dye imaging. , 2017, , . | | 0 |
| 75 | Learning Mechanisms Underlying Value-Driven Attention. Journal of Vision, 2017, 17, 1101. | 0.3 | 0 |
| 76 | ICâ€Pâ€022: Conversion of Amyloid Quantitation With Florbetapir Suvr to The Centiloid Scale. Alzheimer's and Dementia, 2016, 12, P25. | 0.8 | 6 |
| 77 | IC-P-125: Arterial Stiffness and Î²-Amyloid Deposition in The ARIC-PET Study. , 2016, 12, P93-P93. | | 0 |
| 78 | P3-242: Conversion of Amyloid Quantitation with Florbetapir SUVR to the Centiloid Scale. , 2016, 12, P919-P920. | | 0 |
| 79 | A multivariate nonlinear mixed effects model for longitudinal image analysis: Application to amyloid imaging. NeuroImage, 2016, 134, 658-670. | 4.2 | 68 |
| 80 | Individual estimates of age at detectable amyloid onset for risk factor assessment. Alzheimer's and Dementia, 2016, 12, 373-379. | 0.8 | 63 |
| 81 | The ARIC-PET amyloid imaging study. Neurology, 2016, 87, 473-480. | 1.1 | 119 |
| 82 | Development of a High-Affinity PET Radioligand for Imaging Cannabinoid Subtype 2 Receptor. Journal of Medicinal Chemistry, 2016, 59, 7840-7855. | 6.4 | 47 |
| 83 | The Role of Dopamine in Value-Based Attentional Orienting. Current Biology, 2016, 26, 550-555. | 3.9 | 96 |
| 84 | CSF Biomarkers and Its Associations with 18F-AV133 Cerebral VMAT2 Binding in Parkinsonâ€™s Diseaseâ€™A Preliminary Report. PLoS ONE, 2016, 11, e0164762. | 2.5 | 16 |
| 85 | P4-187: Midlife adiposity predicts earlier onset of Alzheimer's dementia, neuropathology, and presymptomatic cerebral amyloid accumulation. , 2015, 11, P851-P852. | | 1 |
| 86 | P4â€185: First inâ€human PET study of 3 novel tau radiopharmaceuticals: [¹¹ C]RO6924963, [¹¹ C]RO6931643, and [¹⁸ F]RO6958948. Alzheimer's and Dementia, 2015, 11, P850. | 0.8 | 12 |
| 87 | Changes in Î² biomarkers and associations with APOE genotype in 2â€longitudinal cohorts. Neurobiology of Aging, 2015, 36, 2333-2339. | 3.1 | 60 |
| 88 | P4-186: Kinetic evaluation of three newly developed radioligands for human tau imaging. , 2015, 11, P851-P851. | | 0 |
| 89 | GM1 ganglioside in Parkinson's disease: Pilot study of effects on dopamine transporter binding. Journal of the Neurological Sciences, 2015, 356, 118-123. | 0.6 | 42 |
| 90 | Voxelwise Relationships Between Distribution Volume Ratio and Cerebral Blood Flow: Implications for Analysis of Î²-Amyloid Images. Journal of Nuclear Medicine, 2015, 56, 1042-1047. | 5.0 | 11 |

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|-----|---|-----|-----------|
| 91 | Quantification of [¹¹ C]yohimbine Binding to α_2 Adrenoceptors in Rat Brain <i>in vivo</i> . Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 501-511. | 4.3 | 13 |
| 92 | Risky decision-making and ventral striatal dopamine responses to amphetamine: A positron emission tomography [¹¹ C]raclopride study in healthy adults. NeuroImage, 2015, 113, 26-36. | 4.2 | 29 |
| 93 | Performance assessment of a NaI(Tl) gamma counter for PET applications with methods for improved quantitative accuracy and greater standardization. EJNMMI Physics, 2015, 2, . | 2.7 | 18 |
| 94 | Deformation field correction for spatial normalization of PET images. NeuroImage, 2015, 119, 152-163. | 4.2 | 4 |
| 95 | Mu Opioid Receptor Binding Correlates with Nicotine Dependence and Reward in Smokers. PLoS ONE, 2014, 9, e113694. | 2.5 | 36 |
| 96 | Dose-dependent, saturable occupancy of the metabotropic glutamate subtype 5 receptor by fenobam as measured with [¹¹ C]ABP688 PET imaging. Synapse, 2014, 68, 565-573. | 1.2 | 21 |
| 97 | Human Brain Imaging of α_7 nAChR with [¹⁸ F]ASEM: a New PET Radiotracer for Neuropsychiatry and Determination of Drug Occupancy. Molecular Imaging and Biology, 2014, 16, 730-738. | 2.6 | 69 |
| 98 | Reciprocal alterations in cortical cannabinoid receptor 1 binding relative to protein immunoreactivity and transcript levels in schizophrenia. Schizophrenia Research, 2014, 159, 124-129. | 2.0 | 52 |
| 99 | Objectively measured sleep and β -amyloid burden in older adults: A pilot study. SAGE Open Medicine, 2014, 2, 205031211454652. | 1.8 | 41 |
| 100 | An In Vivo Evaluation of Cerebral Cortical Amyloid with [¹⁸ F]Flutemetamol Using Positron Emission Tomography Compared with Parietal Biopsy Samples in Living Normal Pressure Hydrocephalus Patients. Molecular Imaging and Biology, 2013, 15, 230-237. | 2.6 | 36 |
| 101 | Self-reported Sleep and β -Amyloid Deposition in Community-Dwelling Older Adults. JAMA Neurology, 2013, 70, 1537-43. | 9.0 | 414 |
| 102 | Characterization of [¹¹ C]RO5013853, a novel PET tracer for the glycine transporter type 1 (GlyT1) in humans. NeuroImage, 2013, 75, 282-290. | 4.2 | 26 |
| 103 | Pre-clinical characterization of [¹¹ C]RO5013853 as a novel radiotracer for imaging of the glycine transporter type 1 by positron emission tomography. NeuroImage, 2013, 75, 291-300. | 4.2 | 16 |
| 104 | ¹⁸ F-FPEB, a PET Radiopharmaceutical for Quantifying Metabotropic Glutamate 5 Receptors: A First-in-Human Study of Radiochemical Safety, Biokinetics, and Radiation Dosimetry. Journal of Nuclear Medicine, 2013, 54, 388-396. | 5.0 | 95 |
| 105 | PET Imaging of High-Affinity $\alpha_4\beta_2$ Nicotinic Acetylcholine Receptors in Humans with ¹⁸ F-AZAN, a Radioligand with Optimal Brain Kinetics. Journal of Nuclear Medicine, 2013, 54, 1308-1314. | 5.0 | 46 |
| 106 | Generalized dynamic PET inter-frame and intra-frame motion correction - Phantom and human validation studies. , 2012, , . | | 7 |
| 107 | Generalized inter-frame and intra-frame motion correction in PET imaging - a simulation study. , 2011, , . | | 5 |
| 108 | Motion-incorporated partial volume correction: Methodology and validation. , 2010, , . | | 0 |

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|-----|---|------|-----------|
| 109 | In Vivo Imaging of Amyloid Deposition in Alzheimer Disease Using the Radioligand ¹⁸ F-AV-45 (Florbetapir F 18). Journal of Nuclear Medicine, 2010, 51, 913-920. | 5.0 | 607 |
| 110 | Direct 4D parametric image reconstruction with plasma input and reference tissue models in reversible binding imaging. , 2009, , . | | 6 |
| 111 | The Role of Imaging in Proof of Concept for CNS Drug Discovery and Development. Neuropsychopharmacology, 2009, 34, 187-203. | 5.4 | 161 |
| 112 | Single photon emission computed tomography experience with [¹²³ I]iodo[2-(2-azetidylmethoxy)pyridine] in the living human brain of smokers and nonsmokers. Synapse, 2009, 63, 339-358. | 1.2 | 24 |
| 113 | Mechanisms of Dopaminergic and Serotonergic Neurotransmission in Tourette Syndrome: Clues from an In Vivo Neurochemistry Study with PET. Neuropsychopharmacology, 2008, 33, 1239-1251. | 5.4 | 227 |
| 114 | Is getting older all that rewarding?. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14751-14752. | 7.1 | 3 |
| 115 | Direct 4D reconstruction of parametric images incorporating anato-functional joint entropy. , 2008, , . | | 5 |
| 116 | Imaging in drug discovery, preclinical, and early clinical development. Journal of Nuclear Medicine, 2008, 49, 26N-28N. | 5.0 | 6 |
| 117 | Brain imaging research: Does the science serve clinical practice?. International Review of Psychiatry, 2007, 19, 541-558. | 2.8 | 33 |
| 118 | Consensus Nomenclature for in vivo Imaging of Reversibly Binding Radioligands. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1533-1539. | 4.3 | 1,840 |
| 119 | Data Processing Methods for a High Throughput Brain Imaging PET Research Center. , 2006, , . | | 0 |
| 120 | Increased Occupancy of Dopamine Receptors in Human Striatum during Cue-Elicited Cocaine Craving. Neuropsychopharmacology, 2006, 31, 2716-2727. | 5.4 | 280 |
| 121 | Characterization of dose dependent norepinephrine transporter blockade by atomoxetine in human brain using ¹¹ C MeNER PET. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S599-S599. | 4.3 | 2 |
| 122 | Spectral analysis with a minimal basis functions approach for quantification of ligand-receptor dynamic PET study. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S634-S634. | 4.3 | 2 |
| 123 | Predicting the success of a radiopharmaceutical for in vivo imaging of central nervous system neuroreceptor systems. Molecular Imaging and Biology, 2003, 5, 350-362. | 2.6 | 54 |
| 124 | Mechanism of New Antipsychotic Medications. Archives of General Psychiatry, 2003, 60, 974. | 12.3 | 200 |
| 125 | Positron emission tomography—a tool for identifying the effects of alcohol dependence on the brain. Alcohol Research, 2003, 27, 161-73. | 1.0 | 14 |
| 126 | ¹¹ C-MCG: Synthesis, Uptake Selectivity, and Primate PET of a Probe for Glutamate Carboxypeptidase II (NAALADase). Molecular Imaging, 2002, 1, 153535002002021. | 1.4 | 27 |

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|-----|---|------|-----------|
| 127 | In Vivo Imaging of D2 Dopamine Receptors in Schizophrenia. Archives of General Psychiatry, 2002, 59, 31. | 12.3 | 19 |
| 128 | Dopamine D2 and D3 Receptor Occupancy in Normal Humans Treated with the Antipsychotic Drug Aripiprazole (OPC 14597) A Study Using Positron Emission Tomography and [11C]Raclopride. Neuropsychopharmacology, 2002, 27, 248-259. | 5.4 | 261 |
| 129 | Specific Binding of [11C]Raclopride and N-[3H]Propyl-Norapomorphine to Dopamine Receptors in Living Mouse Striatum: Occupancy by Endogenous Dopamine and Guanosine Triphosphate-Free G Protein. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 596-604. | 4.3 | 68 |
| 130 | The Competition Between Endogenous Dopamine and Radioligands for Specific Binding to Dopamine Receptors. Annals of the New York Academy of Sciences, 2002, 965, 440-450. | 3.8 | 28 |
| 131 | Doses of GBR12909 that suppress cocaine self-administration in non-human primates substantially occupy dopamine transporters as measured by [11C] WIN35,428 PET scans. , 1999, 32, 44-50. | | 50 |
| 132 | GBR12909 attenuates amphetamine-induced striatal dopamine release as measured by [11C]raclopride continuous infusion PET scans. Synapse, 1999, 33, 268-273. | 1.2 | 50 |
| 133 | Cerebral Glucose Utilization Is Reduced in Second Test Session. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 704-712. | 4.3 | 43 |
| 134 | Positron emission tomography imaging of serotonin transporters in the human brain using [11C](+)McN5652. Synapse, 1995, 20, 37-43. | 1.2 | 161 |
| 135 | Cerebral Glucose Utilization in Polysubstance Abuse. Neuropsychopharmacology, 1995, 13, 21-31. | 5.4 | 48 |
| 136 | Model for reduced brain dopamine in Lesch-Nyhan syndrome and the mentally retarded: Neurobiology of neonatal-6-hydroxydopamine-lesioned rats. Mental Retardation and Developmental Disabilities Research Reviews, 1995, 1, 111-119. | 3.6 | 23 |
| 137 | Cerebral Glucose Utilization in Polysubstance Abuse. Neuropsychopharmacology, 1995, 13, 21-31. | 5.4 | 10 |
| 138 | Noncompartmental and compartmental modeling of the kinetics of carbon-11 labeled pyrilamine in the human brain. Synapse, 1993, 15, 263-275. | 1.2 | 17 |
| 139 | In vivo imaging of dopamine reuptake sites in the primate brain using single photon emission computed tomography (SPECT) and iodine-123 labeled RTI-55. Synapse, 1992, 10, 169-172. | 1.2 | 85 |
| 140 | In vivo studies of [125I]iodobenzamide and [11C]iodobenzamide: A ligand suitable for positron emission tomography and single photon emission tomography imaging of cerebral D2 dopamine receptors. Synapse, 1992, 12, 236-241. | 1.2 | 6 |
| 141 | Effects of Vasopressin on Blood-Brain Transfer of Methionine in Dogs. Journal of Neurochemistry, 1992, 59, 1421-1429. | 3.9 | 11 |
| 142 | Effects of Substance Abuse on Ventricular and Sulcal Measures Assessed by Computerised Tomography. British Journal of Psychiatry, 1991, 159, 217-221. | 2.8 | 26 |
| 143 | Effects of endogenous dopamine on kinetics of [3H]N-methylspiperone and [3H]raclopride binding in the rat brain. Synapse, 1991, 9, 188-194. | 1.2 | 126 |
| 144 | Localization of serotonin 5-HT2 receptors in living human brain by positron emission tomography using N1-([11C]-methyl)-2-BR-LSD. Synapse, 1987, 1, 393-398. | 1.2 | 94 |

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|-----|--|-----|-----------|
| 145 | Positron emission tomographic study of D2 dopamine receptor binding and CSF biogenic amine metabolites in rett syndrome. American Journal of Medical Genetics Part A, 1986, 25, 201-210. | 2.4 | 22 |