# Robert F Dannals

List of Publications by Year
in descending order



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|---|---|---|---|
| 116 papers | 7,960 citations | 76196 40 h-index | 53109 85 g-index |
| 124 all docs | 124 docs citations | 124 times ranked | 8382 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 11C-Para-aminobenzoic acid PET imaging of S. aureus and MRSA infection in preclinical models and humans. JCI Insight, 2022, 7, . | 2.3 | 11 |
| 2 | Regional amyloid correlates of cognitive performance in ageing and mild cognitive impairment. Brain Communications, 2022, 4, fcac016. | 1.5 | 5 |
| 3 | PET/CT imaging of CSF1R in a mouse model of tuberculosis. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4088-4096. | 3.3 | 1 |
| 4 | 18F-labeled radiotracers for inÂvivo imaging of DREADD with positron emission tomography. European Journal of Medicinal Chemistry, 2021, 213, 113047. | 2.6 | 7 |
| 5 | First-in-human neuroimaging of soluble epoxide hydrolase using [18F]FNDP PET. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3122-3128. | 3.3 | 6 |
| 6 | Imaging Enterobacterales infections in patients using pathogen-specific positron emission tomography. Science Translational Medicine, 2021, 13, . | 5.8 | 49 |
| 7 | Molecular imaging of the serotonin transporter availability and occupancy by antidepressant treatment in late-life depression. Neuropharmacology, 2021, 194, 108447. | 2.0 | 10 |
| 8 | Dynamic PET-facilitated modeling and high-dose rifampin regimens for Staphylococcus aureus orthopedic implantâ€“associated infections. Science Translational Medicine, 2021, 13, eabl6851. | 5.8 | 16 |
| 9 | The Relationship of Varenicline Agonism of Î±4Î²2 Nicotinic Acetylcholine Receptors and Nicotine-Induced Dopamine Release in Nicotine-Dependent Humans. Nicotine and Tobacco Research, 2020, 22, 892-899. | 1.4 | 8 |
| 10 | High Availability of the Î±7-Nicotinic Acetylcholine Receptor in Brains of Individuals with Mild Cognitive Impairment: A Pilot Study Using <sup>18</sup>F-ASEM PET. Journal of Nuclear Medicine, 2020, 61, 423-426. | 2.8 | 22 |
| 11 | Osteopontin/secreted phosphoprotein-1 behaves as a molecular brake regulating the neuroinflammatory response to chronic viral infection. Journal of Neuroinflammation, 2020, 17, 273. | 3.1 | 14 |
| 12 | <sup>11</sup>C-PABA as a PET Radiotracer for Functional Renal Imaging: Preclinical and First-in-Human Study. Journal of Nuclear Medicine, 2020, 61, 1665-1671. | 2.8 | 11 |
| 13 | Dynamic imaging in patients with tuberculosis reveals heterogeneous drug exposures in pulmonary lesions. Nature Medicine, 2020, 26, 529-534. | 15.2 | 87 |
| 14 | PET imaging of soluble epoxide hydrolase in non-human primate brain with [18F]FNDP. EJNMMI Research, 2020, 10, 67. | 1.1 | 10 |
| 15 | Radiosynthesis and validation of [<scp>Carboxy</scp>â€<sup>11</sup>C]4â€<scp>A</scp>minobenzoic acid ([<sup>11</sup><scp>C</scp>]<scp>PABA</scp>), a <scp>PET</scp> radiotracer for imaging bacterial infections. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 28-33. | 0.5 | 6 |
| 16 | Radiosynthesis and validation of [5â€cyanoâ€Nâ€(4â€(4â€[<sup>11</sup>C]methylpiperazinâ€1â€yl)â€2â€(piperidinâ€1â€yl)phenyl) furanâ€2â€carboxamide] ([<sup>11</sup>C]CPPC), a PET radiotracer for imaging CSF1R, a microgliaâ€specific marker. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 903-908. | 0.5 | 10 |
| 17 | Effect of STN DBS on vesicular monoamine transporter 2 and glucose metabolism in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 64, 235-241. | 1.1 | 12 |
| 18 | PET imaging of microglia by targeting macrophage colony-stimulating factor 1 receptor (CSF1R). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1686-1691. | 3.3 | 140 |

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|---|---|---|---|
| 19 | A side-by-side evaluation of [18F]FDOPA enantiomers for non-invasive detection of neuroendocrine tumors by positron emission tomography. Oncotarget, 2019, 10, 5731-5744. | 0.8 | 3 |
| 20 | Synthesis and Evaluation of a New 18F-Labeled Radiotracer for Studying the GABAB Receptor in the Mouse Brain. ACS Chemical Neuroscience, 2018, 9, 1453-1461. | 1.7 | 7 |
| 21 | <sup>18</sup>F-XTRA PET for Enhanced Imaging of the Extrathalamic Î±4Î²2 Nicotinic Acetylcholine Receptor. Journal of Nuclear Medicine, 2018, 59, 1603-1608. | 2.8 | 15 |
| 22 | An optimized radiosynthesis of [<sup>18</sup>F]FNDP, a positron emission tomography radiotracer for imaging soluble epoxide hydrolase (sEH). Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 567-572. | 0.5 | 8 |
| 23 | Feasibility Evaluation of Myocardial Cannabinoid Type 1 Receptor ImagingÂinÂObesity. JACC: Cardiovascular Imaging, 2018, 11, 320-332. | 2.3 | 24 |
| 24 | Characterization of 3 Novel Tau Radiopharmaceuticals, <sup>11</sup>C-RO-963, <sup>11</sup>C-RO-643, and <sup>18</sup>F-RO-948, in Healthy Controls and in Alzheimer Subjects. Journal of Nuclear Medicine, 2018, 59, 1869-1876. | 2.8 | 81 |
| 25 | Preclinical Evaluation of <sup>18</sup>F-RO6958948, <sup>11</sup>C-RO6931643, and <sup>11</sup>C-RO6924963 as Novel PET Radiotracers for Imaging Tau Aggregates in Alzheimer Disease. Journal of Nuclear Medicine, 2018, 59, 675-681. | 2.8 | 71 |
| 26 | The distribution of the alpha7 nicotinic acetylcholine receptor in healthy aging: An in vivo positron emission tomography study with [18F]ASEM. NeuroImage, 2018, 165, 118-124. | 2.1 | 27 |
| 27 | Imaging glial activation in patients with post-treatment Lyme disease symptoms: a pilot study using [11C]DPA-713 PET. Journal of Neuroinflammation, 2018, 15, 346. | 3.1 | 46 |
| 28 | Noninvasive <sup>11</sup> C-rifampin positron emission tomography reveals drug biodistribution in tuberculous meningitis. Science Translational Medicine, 2018, 10, . | 5.8 | 73 |
| 29 | Peptide-Based <sup>68</sup>Ga-PET Radiotracer for Imaging PD-L1 Expression in Cancer. Molecular Pharmaceutics, 2018, 15, 3946-3952. | 2.3 | 102 |
| 30 | Imaging of Glial Cell Activation and White Matter Integrity in Brains of Active and Recently Retired National Football League Players. JAMA Neurology, 2017, 74, 67. | 4.5 | 134 |
| 31 | Development of a radioligand for imaging V 1a vasopressin receptors with PET. European Journal of Medicinal Chemistry, 2017, 139, 644-656. | 2.6 | 8 |
| 32 | Chemogenetics revealed: DREADD occupancy and activation via converted clozapine. Science, 2017, 357, 503-507. | 6.0 | 813 |
| 33 | Imaging Î±4Î²2 Nicotinic Acetylcholine Receptors (nAChRs) in Baboons with [18F]XTRA, a Radioligand with Improved Specific Binding in Extra-Thalamic Regions. Molecular Imaging and Biology, 2017, 19, 280-288. | 1.3 | 11 |
| 34 | Neuroimaging of translocator protein in patients with systemic lupus erythematosus: a pilot study using [<sup>11</sup>C]DPA-713 positron emission tomography. Lupus, 2017, 26, 170-178. | 0.8 | 25 |
| 35 | PSMA-Based [18F]DCFPyL PET/CT Is Superior to Conventional Imaging for Lesion Detection in Patients with Metastatic Prostate Cancer. Molecular Imaging and Biology, 2016, 18, 411-419. | 1.3 | 202 |
| 36 | 18F-FNDP for PET Imaging of Soluble Epoxide Hydrolase. Journal of Nuclear Medicine, 2016, 57, 1817-1822. | 2.8 | 19 |

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|---|---|---|---|
| 37 | An improved synthesis of the radiolabeled prostate-specific membrane antigen inhibitor, [<sup>18</sup>F]DCFPyL. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 439-450. | 0.5 | 59 |
| 38 | Development of a High-Affinity PET Radioligand for Imaging Cannabinoid Subtype 2 Receptor. Journal of Medicinal Chemistry, 2016, 59, 7840-7855. | 2.9 | 47 |
| 39 | Synthesis and quality control of [<sup>18</sup>F]T807 for tau PET imaging. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 411-415. | 0.5 | 23 |
| 40 | PET-measured longitudinal flow gradient correlates with invasive fractional flow reserve in CAD patients. European Heart Journal Cardiovascular Imaging, 2016, 18, jew116. | 0.5 | 18 |
| 41 | Comparison of Prostate-Specific Membrane Antigenâ€"Based <sup>18</sup>F-DCFBC PET/CT to Conventional Imaging Modalities for Detection of Hormone-NaÃ¯ve and Castration-Resistant Metastatic Prostate Cancer. Journal of Nuclear Medicine, 2016, 57, 46-53. | 2.8 | 111 |
| 42 | P4â€185: First inâ€human PET study of 3 novel tau radiopharmaceuticals: [<sup>11</sup>C]RO6924963, [<sup>11</sup>C]RO6931643, and [<sup>18</sup>F]RO6958948. Alzheimer's and Dementia, 2015, 11, P850. | 0.4 | 12 |
| 43 | Bengt LÃ¥ngstrÃ¶m-personal recollections of the gentle giant of short-lived radiotracers. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 49-50. | 0.5 | 0 |
| 44 | Cannabinoid CB2 Receptors in a Mouse Model of AÎ² Amyloidosis: Immunohistochemical Analysis and Suitability as a PET Biomarker of Neuroinflammation. PLoS ONE, 2015, 10, e0129618. | 1.1 | 83 |
| 45 | Multiparametric Molecular Imaging Provides Mechanistic Insights into Sympathetic Innervation Impairment in the Viable Infarct Border Zone. Journal of Nuclear Medicine, 2015, 56, 457-463. | 2.8 | 37 |
| 46 | [ 125 I]Iodo-ASEM, a specific in vivo radioligand for Î±7-nAChR. Nuclear Medicine and Biology, 2015, 42, 488-493. | 0.3 | 8 |
| 47 | Mechanistic Insights into Sympathetic Neuronal Regeneration. Circulation: Cardiovascular Imaging, 2015, 8, e003507. | 1.3 | 23 |
| 48 | <sup>18</sup>F-DCFBC PET/CT for PSMA-Based Detection and Characterization of Primary Prostate Cancer. Journal of Nuclear Medicine, 2015, 56, 1003-1010. | 2.8 | 180 |
| 49 | Determination of [ <sup>11</sup> C]Rifampin Pharmacokinetics within Mycobacterium tuberculosis-Infected Mice by Using Dynamic Positron Emission Tomography Bioimaging. Antimicrobial Agents and Chemotherapy, 2015, 59, 5768-5774. | 1.4 | 47 |
| 50 | Brown Adipose Tissue Response Dynamics: In Vivo Insights with the Voltage Sensor 18F-Fluorobenzyl Triphenyl Phosphonium. PLoS ONE, 2015, 10, e0129627. | 1.1 | 12 |
| 51 | Doseâ€dependent, saturable occupancy of the metabotropic glutamate subtype 5 receptor by fenobam as measured with [<sup>11</sup>C]ABP688 PET imaging. Synapse, 2014, 68, 565-573. | 0.6 | 21 |
| 52 | Positron emission tomography radioligands for the opioid system. Journal of Labelled Compounds and Radiopharmaceuticals, 2013, 56, 187-195. | 0.5 | 18 |
| 53 | Characterization of [11C]RO5013853, a novel PET tracer for the glycine transporter type 1 (GlyT1) in humans. NeuroImage, 2013, 75, 282-290. | 2.1 | 26 |
| 54 | Pre-clinical characterization of [11C]R05013853 as a novel radiotracer for imaging of the glycine transporter type 1 by positron emission tomography. NeuroImage, 2013, 75, 291-300. | 2.1 | 16 |

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|---|---|---|---|
| 55 | Dissociative Changes in the B<sub>max</sub> and K<sub>D</sub> of Dopamine D<sub>2</sub>/D<sub>3</sub> Receptors with Aging Observed in Functional Subdivisions of the Striatum: A Revisit with an Improved Data Analysis Method. Journal of Nuclear Medicine, 2012, 53, 805-812. | 2.8 | 17 |
| 56 | Radiosynthesis of [5â€[<sup>11</sup>C]methanesulfonylâ€2â€(S)â€2,2,2â€trifluoroâ€1â€methylâ€ethoxy)â€phenyl]â€[5â€(tetrahydroâ€pyran ([<sup>11</sup>C]RO5013853), a novel PET tracer for the glycine transporter type I (GlyT1). Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 702-707. | 0.5 | 5 |
| 57 | Radiosynthesis of the Î±4Î²2 nicotinic acetylcholine receptor ligand: 5-((1-[11C]-methyl-2-(S)-pyrrolidinyl)methoxy)-2-chloro-3-((E)-2-(2-fluoropyridin-4-yl)vinyl)pyridine. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 459-462. | 0.5 | 0 |
| 58 | Synthesis of a mGluR5 antagonist using [11C]copper(I) cyanide. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 829-834. | 0.5 | 22 |
| 59 | Synthesis of [11C]gefitinib for imaging epidermal growth factor receptor tyrosine kinase with positron emission tomography. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 883-888. | 0.5 | 19 |
| 60 | Synthesis of 1-(2,4-dichlorophenyl)-4-cyano-5-(4-[11C]methoxyphenyl)-N-(piperidin-1-yl)-1H-pyrazole-3-carboxamide ([11C]JHU75528) and 1-(2-bromophenyl)-4-cyano-5-(4-[11C]methoxyphenyl)-N-(piperidin-1-yl)-1H-pyrazole-3-carboxamide ([11C]JHU75575) as potential radioligands for PET imaging of cerebral cannabinoid receptor. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 1021-1036. | 0.5 | 32 |
| 61 | Characterization of dose dependent norepinephrine transporter blockade by atomoxetine in human brain using 11C MeNER PET. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S599-S599. | 2.4 | 2 |
| 62 | Radiosynthesis of 3-[18F]fluoropropyl and 4-[18F]fluorobenzyl triarylphosphonium ions. Journal of Labelled Compounds and Radiopharmaceuticals, 2004, 47, 469-476. | 0.5 | 52 |
| 63 | Neural basis of alertness and cognitive performance impairments during sleepiness II. Effects of 48 and 72 h of sleep deprivation on waking human regional brain activity. Thalamus & Related Systems, 2003, 2, 199. | 0.5 | 91 |
| 64 | <sup>11</sup>C-MCG: Synthesis, Uptake Selectivity, and Primate PET of a Probe for Glutamate Carboxypeptidase II (NAALADase). Molecular Imaging, 2002, 1, 153535002002021. | 0.7 | 27 |
| 65 | [11C]-GR89696, a potent kappa opiate receptor radioligand; in vivo binding of the R and S enantiomers. Nuclear Medicine and Biology, 2002, 29, 47-53. | 0.3 | 34 |
| 66 | Radiosynthesis of [11C]paclitaxel. Journal of Labelled Compounds and Radiopharmaceuticals, 2002, 45, 471-477. | 0.5 | 17 |
| 67 | Use of Positron Emission Tomography to Study AT1 Receptor Regulation In Vivo. Journal of the American Society of Nephrology: JASN, 2001, 12, 1350-1358. | 3.0 | 37 |
| 68 | Synthesis and initialin vitro characterization of 6-[18F]fluoro-3-(2(S)-azetidinylmethoxy)pyridine, a high-affinity radioligand for central nicotinic acetylcholine receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 2000, 43, 413-423. | 0.5 | 16 |
| 69 | Neural basis of alertness and cognitive performance impairments during sleepiness. I. Effects of 24 h of sleep deprivation on waking human regional brain activity. Journal of Sleep Research, 2000, 9, 335-352. | 1.7 | 914 |
| 70 | Column-switching HPLC for the analysis of plasma in PET imaging studies. Nuclear Medicine and Biology, 2000, 27, 627-630. | 0.3 | 191 |
| 71 | Effect of tracer metabolism on PET measurement of [11C]pyrilamine binding to histamine H1 receptors. Annals of Nuclear Medicine, 1999, 13, 101-107. | 1.2 | 9 |
| 72 | 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 |

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|---|---|---|---|
| 73 | GBR12909 attenuates amphetamine-induced striatal dopamine release as measured by [11C]raclopride continuous infusion PET scans. Synapse, 1999, 33, 268-273. | 0.6 | 50 |
| 74 | Synthesis of N1â€²-([18F]fluoroethyl)naltrindole ([18F]FEtNTI): a radioligand for positron emission tomographic studies of delta opioid receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1999, 42, 43-54. | 0.5 | 11 |
| 75 | Synthesis of [18F] SR144385: a selective radioligand for positron emission tomographic studies of brain cannabinoid receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1999, 42, 589-596. | 0.5 | 16 |
| 76 | [11C]-methyl 4-[(3,4-dichlorophenyl)acetyl]-3-[(1-pyrrolidinyl)methyl]-1-piperazinecarboxylate ([11C]GR89696): synthesis and in vivo binding to kappa opiate receptors. Nuclear Medicine and Biology, 1999, 26, 737-741. | 0.3 | 28 |
| 77 | In vivo detection of short- and long-term MDMA neurotoxicity?a positron emission tomography study in the living baboon brain. Synapse, 1998, 29, 183-192. | 0.6 | 141 |
| 78 | Nicotine induced up-regulation of nicotinic receptors in CD-1 mice demonstrated with an in vivo radiotracer: Gender differences. Synapse, 1998, 30, 116-118. | 0.6 | 40 |
| 79 | Cerebral Glucose Utilization Is Reduced in Second Test Session. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 704-712. | 2.4 | 43 |
| 80 | Imaging of ?- and ?-opioid receptors in temporal lobe epilepsy by positron emission tomography. Annals of Neurology, 1997, 41, 358-367. | 2.8 | 107 |
| 81 | Synthesis of a radioiodinated analog of epibatidine: (Â±)-exo-2-(2-iodo-5-pyridyl)-7-azabicyclo[2.2.1]heptane for in vitro and in vivo studies of nicotinic acetylcholine receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1997, 39, 39-48. | 0.5 | 21 |
| 82 | Synthesis of 3-[(1-[11C]methyl-2(S)-pyrrolidinyl) methoxy]pyridine and 3-[(1-[11C]methyl-2(R)-pyrrolidinyl) methoxy]pyridine: Radioligands for in vivo studies of neuronal nicotinic acetylcholine receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1997, 39, 425-431. | 0.5 | 10 |
| 83 | [125/123I]IPH: A radioiodinated analog of epibatidine for in vivo studies of nicotinic acetylcholine receptors. , 1997, 26, 392-399. | | 52 |
| 84 | External monitoring of cerebral nicotinic acetylcholine receptors in living mice. Synapse, 1997, 27, 378-380. | 0.6 | 4 |
| 85 | Synthesis of 3-[(1-[11C]methyl-2(S)-pyrrolidinyl) methoxy]pyridine and 3-[(1-[11C]methyl-2(R)-pyrrolidinyl) methoxy]pyridine: Radioligands for in vivo studies of neuronal nicotinic acetylcholine receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1997, 39, 425-431. | 0.5 | 2 |
| 86 | Assessing neuroreceptor occupancy by continuous infusion of carbon-11 labeled radioligands. European Journal of Nuclear Medicine and Molecular Imaging, 1996, 23, 141-144. | 2.2 | 2 |
| 87 | Synthesis of a radiotracer for studying nicotinic acetylcholine receptors: (+/â^')-exo-2-(2-[18F]fluoro-5-pyridyl)-7-azabicyclo[2.2.1]heptane. Journal of Labelled Compounds and Radiopharmaceuticals, 1996, 38, 355-365. | 0.5 | 67 |
| 88 | Imaging of ? opioid receptors in human brain by N1?- ([11C]methyl)naltrindole and PET. , 1996, 24, 19-28. | | 69 |
| 89 | Increased mu opioid receptor binding detected by PET in cocaineâ€“dependent men is associated with cocaine craving. Nature Medicine, 1996, 2, 1225-1229. | 15.2 | 250 |
| 90 | Synthesis of N1â€²-([11C]methyl)naltrindole ([11C]MeNTI): A radioligand for positron emission tomographic studies of delta opioid receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1995, 36, 137-145. | 0.5 | 21 |

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|---|---|---|---|
| 91 | Synthesis of carbon-11 labeled methylcarbamates from [11C]-methylchloroformate. Journal of Labelled Compounds and Radiopharmaceuticals, 1995, 36, 365-371. | 0.5 | 8 |
| 92 | Development of imaging agents for the dopamine transporter. Medicinal Research Reviews, 1995, 15, 419-444. | 5.0 | 33 |
| 93 | Positron emission tomography imaging of serotonin transporters in the human brain using [11C](+)McN5652. Synapse, 1995, 20, 37-43. | 0.6 | 161 |
| 94 | Cerebral Glucose Utilization in Polysubstance Abuse. Neuropsychopharmacology, 1995, 13, 21-31. | 2.8 | 48 |
| 95 | Cerebral Glucose Utilization in Polysubstance Abuse. Neuropsychopharmacology, 1995, 13, 21-31. | 2.8 | 10 |
| 96 | Buprenorphine Reduces Cerebral Glucose Metabolism in Polydrug Abusers. Neuropsychopharmacology, 1994, 10, 157-170. | 2.8 | 25 |
| 97 | Decreased hippocampal muscarinic cholinergic receptor binding measured by123I-iododexetimide and single-photon emission computed tomography in epilepsy. Annals of Neurology, 1993, 34, 235-238. | 2.8 | 35 |
| 98 | Positron emission tomographic imaging of the dopamine transporter with11C-WIN 35,428 reveals marked declines in mild Parkinson's disease. Annals of Neurology, 1993, 34, 423-431. | 2.8 | 321 |
| 99 | Noncompartmental and compartmental modeling of the kinetics of carbon-11 labeled pyrilamine in the human brain. Synapse, 1993, 15, 263-275. | 0.6 | 17 |
| 100 | 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. | 0.6 | 85 |
| 101 | [123/125I]RTI-55, an in vivo label for the serotonin transporter. Synapse, 1992, 11, 134-139. | 0.6 | 70 |
| 102 | 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. | 0.6 | 6 |
| 103 | Effects of Vasopressin on Blood-Brain Transfer of Methionine in Dogs. Journal of Neurochemistry, 1992, 59, 1421-1429. | 2.1 | 11 |
| 104 | Imaging Muscarinic Cholinergic Receptors in Human Brain in vivo with SPECT, [123I]4-Iododexetimide, and [123I]4-Iodolevetimide. Journal of Cerebral Blood Flow and Metabolism, 1992, 12, 562-570. | 2.4 | 60 |
| 105 | Synthesis of a Radiotracer for Studying k-Subtype Opiate Receptors: N-[11C-methyl]-N-(trans-2-pyrrolidinyl-cyclohexyl)-3,4-dichlorophenylacetamide ([11C](Â±)U-50488H). Journal of Labelled Compounds and Radiopharmaceuticals, 1992, 31, 81-89. | 0.5 | 12 |
| 106 | Quantification of Human Opiate Receptor Concentration and Affinity Using High and Low Specific Activity [<sup>11</sup>C]Diprenorphine and Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 204-219. | 2.4 | 94 |
| 107 | Quantification of mu and non-mu opiate receptors in temporal lobe epilepsy using positron emission tomography. Annals of Neurology, 1991, 30, 3-11. | 2.8 | 189 |
| 108 | Mania after brain injury: Neuroradiological and metabolic findings. Annals of Neurology, 1990, 27, 652-659. | 2.8 | 238 |

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|---|---|---|---|
| 109 | Selective hypometabolism in the inferior frontal lobe in depressed patients with Parkinson's disease. Annals of Neurology, 1990, 28, 57-64. | 2.8 | 400 |
| 110 | Facile synthesis of [11C]buprenorphine for positron emission tomographic studies of opioid receptors. International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes, 1990, 41, 745-752. | 0.5 | 19 |
| 111 | Mu-opiate receptors measured by positron emission tomography are increased in temporal lobe epilepsy. Annals of Neurology, 1988, 23, 231-237. | 2.8 | 253 |
| 112 | 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. | 0.6 | 94 |
| 113 | Synthesis of carbon-11 labeled diprenorphine: A radioligand for positron emission tomographic studies of opiate receptors. Tetrahedron Letters, 1987, 28, 4015-4018. | 0.7 | 38 |
| 114 | Imaging Opiate Receptors in the Human Brain by Positron Tomography. Journal of Computer Assisted Tomography, 1985, 9, 231-236. | 0.5 | 237 |
| 115 | Radiosynthesis of an opiate receptor binding radiotracer: [11C]carfentanil. The International Journal of Applied Radiation and Isotopes, 1985, 36, 303-306. | 0.7 | 136 |
| 116 | In vivo studies of opiate receptors. Annals of Neurology, 1984, 15, 85-92. | 2.8 | 37 |