

Hideo Tsukada

List of Publications by Year in descending order

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164
papers

5,501
citations

71102

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docs citations

171
times ranked

4861
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial complex I abnormalities underlie neurodegeneration and cognitive decline in Alzheimer's disease. <i>European Journal of Neurology</i> , 2022, 29, 1324-1334.	3.3	8
2	Characterization of Novel Paclitaxel Nanoparticles Prepared by Laser Irradiation. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 269-276.	1.3	2
3	Imaging Adipose Tissue Browning using Mitochondrial Complex-I Tracer [18F]BCPP-EF. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-6.	0.8	3
4	Test-retest variability and reference region-based quantification of ¹⁸ F-BCPP-EF for imaging mitochondrial complex I in the human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 771-779.	4.3	15
5	Mitochondrial complex I abnormalities is associated with tau and clinical symptoms in mild Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2021, 16, 28.	10.8	32
6	4D deep image prior: dynamic PET image denoising using an unsupervised four-dimensional branch convolutional neural network. <i>Physics in Medicine and Biology</i> , 2021, 66, 015006.	3.0	38
7	Evaluation of intracellular processes in quinolinic acid-induced brain damage by imaging reactive oxygen species generation and mitochondrial complex I activity. <i>EJNMMI Research</i> , 2021, 11, 99.	2.5	3
8	Characterization of 3 PET Tracers for Quantification of Mitochondrial and Synaptic Function in Healthy Human Brain: ¹⁸ F-BCPP-EF, ¹¹ C-SA-4503, and ¹¹ C-UCB-J. <i>Journal of Nuclear Medicine</i> , 2020, 61, 96-103.	5.0	53
9	The Ventral Striatum is a Key Node for Functional Recovery of Finger Dexterity After Spinal Cord Injury in Monkeys. <i>Cerebral Cortex</i> , 2020, 30, 3259-3270.	2.9	8
10	Positron emission tomography imaging of renal mitochondria is a powerful tool in the study of acute and progressive kidney disease models. <i>Kidney International</i> , 2020, 98, 88-99.	5.2	8
11	In vivo mitochondrial and glycolytic impairments in patients with Alzheimer disease. <i>Neurology</i> , 2020, 94, e1592-e1604.	1.1	70
12	Imaging mitochondrial complex I activation during a vibrotactile stimulation: A PET study using [18F]BCPP-EF in the conscious monkey brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2521-2532.	4.3	4
13	In vivo positron emission tomography imaging of mitochondrial abnormalities in a mouse model of tauopathy. <i>Neurobiology of Aging</i> , 2020, 94, 140-148.	3.1	17
14	Upregulation of cannabinoid receptor type 2, but not TSPO, in senescence-accelerated neuroinflammation in mice: a positron emission tomography study. <i>Journal of Neuroinflammation</i> , 2019, 16, 208.	7.2	23
15	BCPP compounds, PET probes for early therapeutic evaluations, specifically bind to mitochondrial complex I. <i>Mitochondrion</i> , 2019, 46, 97-102.	3.4	9
16	Mitochondrial Complex I Deficit in the Olfactory Systems of Age-related Neurodegenerative Monkey Models: A PET Study using ¹⁸ F-BCPP-EF. , 2018, 08, .		1
17	Evaluation of D-isomers of 4-borono-2- ¹⁸ F-fluoro-phenylalanine and O- ¹¹ C-methyl-tyrosine as brain tumor imaging agents: a comparative PET study with their L-isomers in rat brain glioma. <i>EJNMMI Research</i> , 2018, 8, 47.	2.5	6
18	Sensitive and early detection of mitochondrial dysfunction in the liver of NASH model mice by PET imaging with ¹⁸ F-BCPP-BF. <i>EJNMMI Research</i> , 2018, 8, 61.	2.5	5

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19	Denoising of Dynamic Sinogram by Image Guided Filtering for Positron Emission Tomography. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 541-548.	3.7	19
20	Reduction of dopamine D2/3 receptor binding in the striatum after a single administration of esketamine, but not R-ketamine: a PET study in conscious monkeys. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 173-176.	3.2	105
21	Effect of MPTP on Serotonergic Neuronal Systems and Mitochondrial Complex I Activity in the Living Brain: A PET Study on Conscious Rhesus Monkeys. Journal of Nuclear Medicine, 2017, 58, 1111-1116.	5.0	18
22	Quantification of ONO-2952 Occupancy of 18-kDa Translocator Protein in Conscious Monkey Brains using Positron Emission Tomography. Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 457-465.	2.5	6
23	In vivo TSPO and cannabinoid receptor type 2 availability early in post-stroke neuroinflammation in rats: a positron emission tomography study. Journal of Neuroinflammation, 2017, 14, 69.	7.2	29
24	Monitoring Mitochondrial Complex-I Activity Using Novel PET Probe 18F-BCPP-EF Allows Early Detection of Radiotherapy Effect in Murine Squamous Cell Carcinoma. PLoS ONE, 2017, 12, e0170911.	2.5	10
25	Effects of Amyloid- β^2 Deposition on Mitochondrial Complex I Activity in Brain: A PET Study in Monkeys. , 2016, , .		1
26	Blood-brain barrier permeability of ginkgolide: Comparison of the behavior of PET probes $^7\pm$ -[18 F]fluoro- and 10- O - p - [11 C]methylbenzyl ginkgolide B in monkey and rat brains. Bioorganic and Medicinal Chemistry, 2016, 24, 5148-5157.	3.0	10
27	Non-invasive evaluation of neuroprotective drug candidates for cerebral infarction by PET imaging of mitochondrial complex-I activity. Scientific Reports, 2016, 6, 30127.	3.3	13
28	Effects of acetaminophen on mitochondrial complex I activity in the rat liver and kidney: a PET study with 18F-BCPP-BF. EJNMMI Research, 2016, 6, 82.	2.5	7
29	Evaluation of 6- ¹¹ C-Methyl-L-Tyrosine as a PET Probe for Presynaptic Dopaminergic Activity: A Comparison PET Study with 2 - ¹¹ C-L-DOPA and ¹⁸ F-FDOPA in Parkinson Disease Monkeys. Journal of Nuclear Medicine, 2016, 57, 303-308.	5.0	13
30	PET Imaging of Mitochondrial Complex I with ¹⁸ F-BCPP-EF in the Brains of MPTP-Treated Monkeys. Journal of Nuclear Medicine, 2016, 57, 950-953.	5.0	30
31	Imaging of Muscarinic Receptors in the Central Nervous System. Neuromethods, 2016, , 181-203.	0.3	0
32	Comparing 7 nicotinic acetylcholine receptor binding, amyloid- β^2 deposition, and mitochondria complex-I function in living brain: A PET study in aged monkeys. Synapse, 2015, 69, 475-483.	1.2	11
33	Synthesis of 6-[¹¹ C]methyl-m-tyrosine ([¹¹ C]6MemTyr) for dopamine synthesis imaging in living brain using PET. Bioorganic and Medicinal Chemistry, 2015, 23, 729-734.	3.0	8
34	PET Imaging of Ischemia-Induced Impairment of Mitochondrial Complex I Function in Monkey Brain. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 708-714.	4.3	34
35	The Use of 18F-BCPP-EF as a PET Probe for Complex I Activity in the Brain. Methods in Enzymology, 2014, 547, 417-431.	1.0	9
36	Development of novel PET probe [¹¹ C](R,R)-HAPT and its stereoisomer [¹¹ C](S,S)-HAPT for vesicular acetylcholine transporter imaging: A PET study in conscious monkey. Synapse, 2014, 68, n/a-n/a.	1.2	9

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37	Evaluation of 18F-BCPP-EF for mitochondrial complex 1 imaging in the brain of conscious monkeys using PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 755-763.	6.4	35
38	Novel PET Probes 18F-BCPP-EF and 18F-BCPP-BF for Mitochondrial Complex I: A PET Study in Comparison with 18F-BMS-747158-02 in Rat Brain. <i>Journal of Nuclear Medicine</i> , 2014, 55, 473-480.	5.0	49
39	Comparing amyloid- β deposition, neuroinflammation, glucose metabolism, and mitochondrial complex I activity in brain: a PET study in aged monkeys. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2127-2136.	6.4	35
40	IC-P-192: EFFECTS OF AMYLOID-B DEPOSITION ON MITOCHONDRIAL COMPLEX I ACTIVITY IN BRAIN: A PET STUDY IN AGED MONKEYS. , 2014, 10, P107-P107.		0
41	PET Imaging of Muscarinic Receptors. , 2014, , 445-464.		2
42	Radiosynthesis and initial evaluation of 18F labeled nanocarrier composed of poly(L-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td 387-394.	0.6	38
43	Development of novel PET probes, [¹⁸ F]BCPPâ€EF, [¹⁸ F]BCPPâ€BF, and [¹¹ C]BCPPâ€EM for mitochondrial complex 1 imaging in the living brain. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 553-561.	1.0	45
44	Application of feedbackâ€controlled bolus plus infusion (FCâ€B/I) method for quantitative PET imaging of dopamine transporters with [¹⁸ F]â€CFTâ€FE in conscious monkey brain. <i>Synapse</i> , 2013, 67, 42-50.	1.2	1
45	Alterations in α 4 β 2 nicotinic receptors in cognitive decline in Alzheimerâ€™s aetiopathology. <i>Brain</i> , 2013, 136, 3004-3017.	7.6	63
46	Subanesthetic Doses of Ketamine Transiently Decrease Serotonin Transporter Activity: A PET Study in Conscious Monkeys. <i>Neuropsychopharmacology</i> , 2013, 38, 2666-2674.	5.4	58
47	Liposomeâ€Encapsulated Hemoglobin Ameliorates Ischemic Stroke in Nonhuman Primates: Longitudinal Observation. <i>Artificial Organs</i> , 2013, 37, 904-912.	1.9	22
48	Feedback-Controlled Bolus plus Infusion (FC-B/I) Method for Quantitative Drug Assessment in Living Brain with PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 85-90.	4.3	4
49	A new in vivo model to analyze hepatic metastasis of the human colon cancer cell line HCT116 in NOD/Shi-scid/IL-2R β null (NOG) mice by 18F-FDG PET/CT. <i>Oncology Reports</i> , 2013, 29, 464-468.	2.6	7
50	The food reaching test: A sensitive test of behavioral improvements by deep brain stimulation in MPTP-treated monkey. <i>Neuroscience Research</i> , 2012, 74, 122-128.	1.9	5
51	Small Animal Imaging with Positron Emission Tomography. <i>NeuroMethods</i> , 2012, , 205-222.	0.3	0
52	Reduction of [11C](+)-3-MPB Binding in Brain of Chronic Fatigue Syndrome with Serum Autoantibody against Muscarinic Cholinergic Receptor. <i>PLoS ONE</i> , 2012, 7, e51515.	2.5	42
53	Detection of ischemic neuronal damage with [¹⁸ F]BMSâ€747158â€02, a mitochondrial complexâ€1 positron emission tomography ligand: Small animal PET study in rat brain. <i>Synapse</i> , 2012, 66, 909-917.	1.2	11
54	Effect of oxybutynin and imidafenacin on central muscarinic receptor occupancy and cognitive function: A monkey PET study with [11C](+)-3-MPB. <i>NeuroImage</i> , 2011, 58, 1-9.	4.2	26

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55	Multiparametric assessment of acute and subacute ischemic neuronal damage: A small animal positron emission tomography study with rat photochemically induced thrombosis model. <i>Synapse</i> , 2011, 65, 207-214.	1.2	35
56	Differential effects of stress on [¹¹ C]raclopride and [¹¹ C]MNPA binding to striatal D ₂ /D ₃ dopamine receptors: A PET study in conscious monkeys. <i>Synapse</i> , 2011, 65, 84-89.	1.2	21
57	Validation of reference tissue model of PET ligand [¹¹ C](+)-3-MPB for the muscarinic cholinergic receptor in the living brain of conscious monkey. <i>Synapse</i> , 2011, 65, 548-551.	1.2	5
58	Muscarinic Receptor Occupancy and Cognitive Impairment: A PET Study with [¹¹ C](+)-3-MPB and Scopolamine in Conscious Monkeys. <i>Neuropsychopharmacology</i> , 2011, 36, 1455-1465.	5.4	24
59	d- ¹⁸ F-Fluoromethyl Tyrosine Imaging of Bone Metastases in a Mouse Model. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1632-1636.	5.0	7
60	Liposome-Encapsulated Hemoglobin Ameliorates Ischemic Stroke in Nonhuman Primates: An Acute Study. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 429-436.	2.5	41
61	Development of Double-Stranded siRNA Labeling Method Using Positron Emitter and Its In Vivo Trafficking Analyzed by Positron Emission Tomography. <i>Bioconjugate Chemistry</i> , 2010, 21, 756-763.	3.6	50
62	Noninvasive evaluation of brain muscarinic receptor occupancy of oxybutynin, darifenacin and imidafenacin in rats by positron emission tomography. <i>Life Sciences</i> , 2010, 87, 175-180.	4.3	28
63	Synthesis and evaluation of new imaging agent for central nicotinic acetylcholine receptor $\alpha 7$ subtype. <i>Nuclear Medicine and Biology</i> , 2010, 37, 347-355.	0.6	30
64	The potential of (¹¹ C)methylvesamicol for diagnosing cholinergic deficit dementia. <i>Synapse</i> , 2009, 63, 167-171.	1.2	13
65	Evaluation of d-18F-FMT, 18F-FDG, l-11C-MET, and 18F-FLT for Monitoring the Response of Tumors to Radiotherapy in Mice. <i>Journal of Nuclear Medicine</i> , 2009, 50, 290-295.	5.0	39
66	Nicotine sensitization of monkey striatal dopamine release. <i>European Journal of Pharmacology</i> , 2009, 607, 91-95.	3.5	24
67	Palladium(0)-Mediated Rapid Methylation and Fluoromethylation on Carbon Frameworks by Reacting Methyl and Fluoromethyl Iodide with Aryl and Alkenyl Boronic Acid Esters: Useful for the Synthesis of [¹¹ C]CH ₃ and [¹⁸ F]FCH ₂ Containing PET Tracers (PET=Positron Emission Tomography). <i>Chemistry - A European Journal</i> , 2009, 15, 4165-4171.	3.3	87
68	Positron emission tomographic measure of brain dopamine dependence to nicotine as a model of drugs of abuse. <i>Psychopharmacology</i> , 2009, 204, 149-153.	3.1	9
69	Ketamine/xylazine anesthesia alters [¹¹ C]MNPA binding to dopamine D ₂ receptors and response to methamphetamine challenge in monkey brain. <i>Synapse</i> , 2009, 63, 534-537.	1.2	22
70	Multitracer assessment of dopamine function after transplantation of embryonic stem cell-derived neural stem cells in a primate model of Parkinson's disease. <i>Synapse</i> , 2009, 63, 541-548.	1.2	46
71	Liposome-Encapsulated Hemoglobin Reduces the Size of Cerebral Infarction in Rats: Effect of Oxygen Affinity. <i>Artificial Organs</i> , 2009, 33, 159-163.	1.9	38
72	Evaluation of O-[¹⁸ F]fluoromethyl-d-tyrosine as a radiotracer for tumor imaging with positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2009, 36, 295-303.	0.6	36

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73	Feasibility study of quantitative radioactivity monitoring of tumor tissues inoculated into mice with a planar positron imaging system (PPIS). <i>Annals of Nuclear Medicine</i> , 2008, 22, 57-63.	2.2	4
74	Amyloid imaging in aged and young macaques with [¹¹ C]PIB and [¹⁸ F]FDDNP. <i>Synapse</i> , 2008, 62, 472-475.	1.2	32
75	In Vivo Quantitative Autoradiographic Analysis of Brain Muscarinic Receptor Occupancy by Antimuscarinic Agents for Overactive Bladder Treatment. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 774-781.	2.5	41
76	Liposome-Encapsulated Hemoglobin Reduces the Size of Cerebral Infarction in the Rat. <i>Stroke</i> , 2007, 38, 1626-1632.	2.0	74
77	Novel Amphiphilic Probes for [¹⁸ F]-Radiolabeling Preformed Liposomes and Determination of Liposomal Trafficking by Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6454-6457.	6.4	53
78	Protective Effects of Minocycline on the Reduction of Dopamine Transporters in the Striatum After Administration of Methamphetamine: A Positron Emission Tomography Study in Conscious Monkeys. <i>Biological Psychiatry</i> , 2007, 61, 577-581.	1.3	57
79	Effects of increased endogenous serotonin on the in vivo binding of [¹¹ C]DASB to serotonin transporters in conscious monkey brain. <i>Synapse</i> , 2007, 61, 724-731.	1.2	19
80	Neuroprotection by a Central Nervous System- ϵ -Type Prostacyclin Receptor Ligand Demonstrated in Monkeys Subjected to Middle Cerebral Artery Occlusion and Reperfusion. <i>Stroke</i> , 2006, 37, 2830-2836.	2.0	25
81	Effect of fenfluramine-induced increases in serotonin release on [¹⁸ F]MPPF binding: A continuous infusion PET study in conscious monkeys. <i>Synapse</i> , 2006, 59, 18-26.	1.2	40
82	Evaluation of D-isomers of O-18F-fluoromethyl, O-18F-fluoroethyl and O-18F-fluoropropyl tyrosine as tumour imaging agents in mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 1017-1024.	6.4	42
83	Synthesis and evaluation of vesamicol analog (-)-o-[¹¹ C]methylvesamicol as a PET ligand for vesicular acetylcholine transporter. <i>Annals of Nuclear Medicine</i> , 2006, 20, 417-424.	2.2	24
84	Decline of striatal dopamine release in parkin-deficient mice shown by ex vivo autoradiography. <i>Journal of Neuroscience Research</i> , 2006, 84, 1350-1357.	2.9	57
85	Positron Emission Tomography Analysis of the Analgesic Effects of Acupuncture in Rhesus Monkeys. <i>The American Journal of Chinese Medicine</i> , 2006, 34, 787-801.	3.8	8
86	Evaluation of D-isomers of O-11C-methyl tyrosine and O-18F-fluoromethyl tyrosine as tumor-imaging agents in tumor-bearing mice: comparison with L- and D-11C-methionine. <i>Journal of Nuclear Medicine</i> , 2006, 47, 679-88.	5.0	43
87	Nicotine modulates dopamine synthesis rate as determined by L-[¹² - ¹¹ C]DOPA: PET studies compared with [¹¹ C]raclopride binding in the conscious monkey brain. <i>Synapse</i> , 2005, 57, 120-122.	1.2	13
88	Acute NMDA receptor antagonism induces biphasic striatal utilization of L-[¹² - ¹¹ C]DOPA: PET studies in the conscious monkey brain. <i>Synapse</i> , 2005, 57, 116-119.	1.2	5
89	Chronic NMDA Antagonism Impairs Working Memory, Decreases Extracellular Dopamine, and Increases D1 Receptor Binding in Prefrontal Cortex of Conscious Monkeys. <i>Neuropsychopharmacology</i> , 2005, 30, 1861-1869.	5.4	81
90	Nicotine Normalizes Increased Prefrontal Cortical Dopamine D1 Receptor Binding and Decreased Working Memory Performance Produced by Repeated Pretreatment with MK-801: A PET Study in Conscious Monkeys. <i>Neuropsychopharmacology</i> , 2005, 30, 2144-2153.	5.4	33

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91	Gene therapy for Parkinson's disease using recombinant adeno-associated viral vectors. <i>Expert Opinion on Biological Therapy</i> , 2005, 5, 663-671.	3.1	15
92	Evaluation in rats and primates of [11C]-mecamylamine, a potential nicotinic acetylcholine receptor radioligand for positron emission tomography. <i>Neurochemistry International</i> , 2005, 46, 479-488.	3.8	4
93	Preclinical and clinical evaluation of O-[11C]methyl-L-tyrosine for tumor imaging by positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2005, 32, 253-262.	0.6	16
94	Protective Effects of N-acetyl-L-cysteine on the Reduction of Dopamine Transporters in the Striatum of Monkeys Treated with Methamphetamine. <i>Neuropsychopharmacology</i> , 2004, 29, 2018-2023.	5.4	64
95	Functional Brain Mapping of the Macaque Related to Spatial Working Memory as Revealed by PET. <i>Cerebral Cortex</i> , 2004, 14, 106-119.	2.9	46
96	Transient Focal Ischemia Affects the cAMP Second Messenger System and Coupled Dopamine D1 and 5-HT1A Receptors in the Living Monkey Brain: A Positron Emission Tomography Study Using Microdialysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 898-906.	4.3	27
97	An application of a new planar positron imaging system (PPIS) in a small animal: MPTP-induced Parkinsonism in mouse. <i>Annals of Nuclear Medicine</i> , 2004, 18, 427-431.	2.2	13
98	Effects of acute acetylcholinesterase inhibition on the cerebral cholinergic neuronal system and cognitive function: Functional imaging of the conscious monkey brain using animal PET in combination with microdialysis. <i>Synapse</i> , 2004, 52, 1-10.	1.2	59
99	Potential of [18F]-CFT-FE (2-(2-carbomethoxy-3-(4-fluorophenyl)-8-(2-[18F]fluoroethyl)nortropane) as a dopamine transporter ligand: A PET study in the conscious monkey brain. <i>Synapse</i> , 2004, 54, 37-45.	1.2	41
100	N-methyl-D-aspartate antagonists as drug models of schizophrenia: a surprising link to tobacco smoking. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2004, 28, 801-811.	4.8	22
101	Evaluation of in vivo selective binding of [11C]doxepin to histamine H1 receptors in five animal species. <i>Nuclear Medicine and Biology</i> , 2004, 31, 493-502.	0.6	10
102	Application of PET with feedback injection control system for quantification of drug-induced effects on the brain function. <i>International Congress Series</i> , 2004, 1264, 202-205.	0.2	1
103	Evaluation of 3'-deoxy-3'-18F-fluorothymidine for monitoring tumor response to radiotherapy and photodynamic therapy in mice. <i>Journal of Nuclear Medicine</i> , 2004, 45, 1754-8.	5.0	68
104	Multitracer study with positron emission tomography in Creutzfeldt-Jakob disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 85-95.	6.4	97
105	Sensitivities of benzodiazepine receptor binding and muscarinic acetylcholine receptor binding for the detection of neural cell death caused by sodium nitroprusside microinjection in rat brain. <i>Synapse</i> , 2003, 49, 134-141.	1.2	10
106	Determination of Kinetic Rate Constants for 2-[18F]fluoro-2-deoxy-D-glucose and Partition Coefficient of Water in Conscious Macaques and Alterations in Aging or Anesthesia Examined on Parametric Images with an Anatomic Standardization Technique. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1441-1447.	4.3	28
107	An increase of sigma1 receptors in the aged monkey brain. <i>Neurobiology of Aging</i> , 2003, 24, 745-752.	3.1	52
108	Effect of N-(4-Acetyl-1-piperazinyl)-p-fluorobenzamide Monohydrate (FK960), an Antidementia Drug with a Novel Mechanism of Action, on Regional Cerebral Blood Flow and Glucose Metabolism in Aged Rhesus Macaques Studied with Positron Emission Tomography. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 213-217.	2.5	7

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109	Association of Dopamine Transporter Loss in the Orbitofrontal and Dorsolateral Prefrontal Cortices With Methamphetamine-Related Psychiatric Symptoms. <i>American Journal of Psychiatry</i> , 2003, 160, 1699-1701.	7.2	226
110	Specific ligand for a central type prostacyclin receptor attenuates neuronal damage in a rat model of focal cerebral ischemia. <i>Brain Research</i> , 2002, 925, 176-182.	2.2	29
111	Age-related changes in cerebral blood flow and glucose metabolism in conscious rhesus monkeys. <i>Brain Research</i> , 2002, 936, 76-81.	2.2	82
112	PET imaging of ischemic neuronal death in the hippocampus of living monkeys. <i>Hippocampus</i> , 2002, 12, 109-118.	1.9	10
113	Age differences in phosphodiesterase type-IV and its functional response to dopamine D1 receptor modulation in the living brain: A PET study in conscious monkeys. <i>Synapse</i> , 2002, 44, 139-145.	1.2	27
114	Age-related changes in the striatal dopaminergic system in the living brain: A multiparametric PET study in conscious monkeys. <i>Synapse</i> , 2002, 45, 38-45.	1.2	41
115	Comparative effects of methamphetamine and nicotine on the striatal [¹¹ C]raclopride binding in unanesthetized monkeys. <i>Synapse</i> , 2002, 45, 207-212.	1.2	90
116	Animal PET for Brain Research from Receptor Binding to Second Messenger System. , 2002, , 201-II.		1
117	Yohimbine increases the binding potential for [¹¹ C]flumazenil in the monkey brain. <i>Journal of Neural Transmission</i> , 2001, 108, 1375-1382.	2.8	11
118	Cholinergic neuronal modulations affect striatal dopamine transporter activity: PET studies in the conscious monkey brain. <i>Synapse</i> , 2001, 42, 193-195.	1.2	15
119	Effects of aging on 5-HT _{1A} receptors and their functional response to 5-HT _{1A} agonist in the living brain: PET study with [carbonyl- ¹¹ C]WAY-100635 in conscious monkeys. <i>Synapse</i> , 2001, 42, 242-251.	1.2	31
120	Ketamine alters the availability of striatal dopamine transporter as measured by [¹¹ C]?-CFT and [¹¹ C]?-CIT-FE in the monkey brain. <i>Synapse</i> , 2001, 42, 273-280.	1.2	66
121	Facilitation of dopaminergic neural transmission does not affect [¹¹ C]SCH23390 binding to the striatal D1 dopamine receptors, but the facilitation enhances phosphodiesterase type-IV activity through D1 receptors: PET studies in the conscious monkey brain. <i>Synapse</i> , 2001, 42, 258-265.	1.2	31
122	Evaluation of PET ligands (+)N-[¹¹ C]ethyl-3-piperidyl benzilate and (+)N-[¹¹ C]propyl-3-piperidyl benzilate for muscarinic cholinergic receptors: A PET study with microdialysis in comparison with (+)N-[¹¹ C]methyl-3-piperidyl benzilate in the conscious monkey brain. <i>Synapse</i> , 2001, 40, 159-169.	1.2	29
123	Effects of aging on serotonin transporter availability and its response to fluvoxamine in the living brain: PET study with [¹¹ C](+)McN5652 and [¹¹ C](-)McN5652 in conscious monkeys. <i>Synapse</i> , 2001, 40, 170-179.	1.2	43
124	Mapping of CNS sigma ₁ receptors in the conscious monkey: Preliminary PET study with [¹¹ C]SA4503. <i>Synapse</i> , 2001, 40, 235-237.	1.2	37
125	Age differences in muscarinic cholinergic receptors assayed with (+)N-[¹¹ C]methyl-3-piperidyl benzilate in the brains of conscious monkeys. <i>Synapse</i> , 2001, 41, 248-257.	1.2	28
126	Evaluation of novel PET ligands (+)N-[¹¹ C]methyl-3-piperidyl benzilate ([¹¹ C](+)3-MPB) and its stereoisomer [¹¹ C](-)3-MPB for muscarinic cholinergic receptors in the conscious monkey brain: A PET study in comparison with [¹¹ C]4-MPB. <i>Synapse</i> , 2001, 39, 182-192.	1.2	39

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127	Synthesis and evaluation of [¹⁸ F]fluoroethyl SA4503 and SA5845 as potential ligands for the sigma receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, S4.	1.0	2
128	Age-related changes in muscarinic cholinergic receptors in the living brain: a PET study using N-[¹¹ C]methyl-4-piperidyl benzilate combined with cerebral blood flow measurement in conscious monkeys. <i>Brain Research</i> , 2001, 916, 22-31.	2.2	15
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