

Hidehiro H Iida

List of Publications by Year in descending order

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257
papers

11,289
citations

28274
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all docs

264
docs citations

264
times ranked

10023
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of a digital and an analog PET/CT system for accurate myocardial perfusion imaging with a flow phantom. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1964-1972.	2.1	4
2	Evaluation of [¹⁸ F]F-DPA PET for Detecting Microglial Activation in the Spinal Cord of a Rat Model of Neuropathic Pain. <i>Molecular Imaging and Biology</i> , 2022, 24, 641-650.	2.6	3
3	Intravenously delivered multilineage-differentiating stress enduring cells dampen excessive glutamate metabolism and microglial activation in experimental perinatal hypoxic ischemic encephalopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1707-1720.	4.3	24
4	A non-invasive reference-based method for imaging the cerebral metabolic rate of oxygen by PET/MR: theory and error analysis. <i>Physics in Medicine and Biology</i> , 2021, 66, 065009.	3.0	5
5	A Noninvasive Method for Quantifying Cerebral Metabolic Rate of Oxygen by Hybrid PET/MRI: Validation in a Porcine Model. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1789-1796.	5.0	8
6	Magnetic Resonance-Based Attenuation Correction and Scatter Correction in Neurological Positron Emission Tomography/Magnetic Resonance Imaging—Current Status With Emerging Applications. <i>Frontiers in Physics</i> , 2020, 7, .	2.1	24
7	Consensus Recommendations on the Use of ¹⁸ F-FDG PET/CT in Lung Disease. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1701-1707.	5.0	8
8	Early Detection of Cerebral Infarction After Focal Ischemia Using a New MRI Indicator. <i>Molecular Neurobiology</i> , 2019, 56, 658-670.	4.0	16
9	Amyloid β^2 deposition in subcortical stroke patients and effects of educational achievement: A pilot study. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 1651-1657.	2.7	9
10	Renal hemodynamics and fatty acid uptake: effects of obesity and weight loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E871-E878.	3.5	25
11	Renal vascular resistance is increased in patients with kidney transplant. <i>BMC Nephrology</i> , 2019, 20, 437.	1.8	7
12	Detection of brain amyloid β^2 deposits due to the repetitive head trauma in a former karate player. <i>Psychogeriatrics</i> , 2019, 19, 276-281.	1.2	3
13	2089-P: Regional Renal Hemodynamics and Fatty Acid Uptake: Effects of Obesity and Weight Loss. <i>Diabetes</i> , 2019, 68, 2089-P.	0.6	0
14	Dysregulation of RNF213 promotes cerebral hypoperfusion. <i>Scientific Reports</i> , 2018, 8, 3607.	3.3	34
15	Superfine Magnetic Resonance Imaging of the Cerebrovasculature Using Self-Assembled Branched Polyethylene Glycol- ⁶⁷ Gd Contrast Agent. <i>Macromolecular Bioscience</i> , 2018, 18, e1700391.	4.1	4
16	Development of matrix metalloproteinase-targeted probes for lung inflammation detection with positron emission tomography. <i>Scientific Reports</i> , 2018, 8, 1347.	3.3	14
17	¹²³ I- ¹²⁵ I-Labeled oxLDL Is Widely Distributed Throughout the Whole Body in Mice. <i>Nuclear Medicine and Molecular Imaging</i> , 2018, 52, 144-153.	1.0	6
18	System evaluation of automated production and inhalation of ¹⁵ O-labeled gaseous radiopharmaceuticals for the rapid ¹⁵ O-oxygen PET examinations. <i>EJNMMI Physics</i> , 2018, 5, 37.	2.7	11

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19	The renal blood flow reserve in healthy humans and patients with atherosclerotic renovascular disease measured by positron emission tomography using [15O]H ₂ O. <i>EJNMMI Research</i> , 2018, 8, 45.	2.5	6
20	One-pot enzymatic synthesis of L-[3- ¹¹ C]lactate for pharmacokinetic analysis of lactate metabolism in rat brain. <i>Nuclear Medicine and Biology</i> , 2018, 64-65, 28-33.	0.6	2
21	Vascular responses to abrupt blood flow change after bypass surgery for complex intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2018, 160, 1945-1953.	1.7	2
22	Use of T1-weighted/T2-weighted magnetic resonance ratio to elucidate changes due to amyloid β^2 accumulation in cognitively normal subjects. <i>NeuroImage: Clinical</i> , 2017, 13, 209-214.	2.7	23
23	Mutual effect of cerebral amyloid β^2 and peripheral lymphocytes in cognitively normal older individuals. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, e93-e99.	2.7	13
24	Binding of ¹¹ C-Pittsburgh compound-B correlated with white matter injury in hypertensive small vessel disease. <i>Annals of Nuclear Medicine</i> , 2017, 31, 227-234.	2.2	2
25	Influences of 3D PET scanner components on increased scatter evaluated by a Monte Carlo simulation. <i>Physics in Medicine and Biology</i> , 2017, 62, 4017-4030.	3.0	6
26	Significant correlation between openness personality in normal subjects and brain myelin mapping with T1/T2-weighted MR imaging. <i>Heliyon</i> , 2017, 3, e00411.	3.2	15
27	Sequential PET estimation of cerebral oxygen metabolism with spontaneous respiration of ¹⁵ O-gas in mice with bilateral common carotid artery stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3334-3343.	4.3	16
28	Microstructural Differences in the Corpus Callosum in Patients With Bipolar Disorder and Major Depressive Disorder. <i>Journal of Clinical Psychiatry</i> , 2017, 78, 99-104.	2.2	26
29	Silent ischemic lesion laterality in asymptomatic internal carotid artery stenosis relates to reduced cerebral vasoreactivity. , 2017, 8, 6.		4
30	High amyloid β^2 deposition related to depressive symptoms in older individuals with normal cognition: a pilot study. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 920-928.	2.7	53
31	Association between chronic stress-induced structural abnormalities in Ranvier nodes and reduced oligodendrocyte activity in major depression. <i>Scientific Reports</i> , 2016, 6, 23084.	3.3	80
32	Substantial Reduction of Parenchymal Cerebral Blood Flow in Mice with Bilateral Common Carotid Artery Stenosis. <i>Scientific Reports</i> , 2016, 6, 32179.	3.3	40
33	Interhemispheric functional disconnection because of abnormal corpus callosum integrity in bipolar disorder type II. <i>BJPsych Open</i> , 2016, 2, 335-340.	0.7	37
34	Cerebral blood flow and metabolism associated with cerebral microbleeds in small vessel disease. <i>Annals of Nuclear Medicine</i> , 2016, 30, 494-500.	2.2	11
35	Development of in vivo tissue-engineered microvascular grafts with an ultra small diameter of 0.6 Åmm (MicroBiotubes): acute phase evaluation by optical coherence tomography and magnetic resonance angiography. <i>Journal of Artificial Organs</i> , 2016, 19, 262-269.	0.9	14
36	A structural model of age, grey matter volumes, education, and personality traits. <i>Psychogeriatrics</i> , 2016, 16, 46-53.	1.2	5

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37	Reduction in camera-specific variability in [¹²³ I]FP-CIT SPECT outcome measures by image reconstruction optimized for multisite settings: impact on age-dependence of the specific binding ratio in the ENC-DAT database of healthy controls. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1323-1336.	6.4	35
38	Effect of Attenuation Correction on Regional Quantification Between PET/MR and PET/CT: A Multicenter Study Using a 3-Dimensional Brain Phantom. <i>Journal of Nuclear Medicine</i> , 2016, 57, 818-824.	5.0	11
39	Gradual Carotid Artery Stenosis in Mice Closely Replicates Hypoperfusive Vascular Dementia in Humans. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	50
40	Quantitative Assessment of Regional Myocardial Blood Flow with Clinical SPECT. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 111-121.	0.2	2
41	The Need for Quantitative SPECT in Clinical Brain Examinations. , 2016, , 17-38.		0
42	Mismatch cases between clinical finding and image finding on ¹⁵ O gas PET/CT study caused by misregistration of PET data relative to CT-based attenuation maps. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2016, 27, 215-224.	0.0	0
43	Quantitative Assessment of Regional Myocardial Blood Flow with Clinical SPECT. <i>Annals of Nuclear Cardiology</i> , 2016, 2, 111-121.	0.2	0
44	Development of high-resolution brain SPECT system using full-digital gamma camera with multiple position-sensitive PMTs. , 2015, , .		0
45	Low amyloid β deposition correlates with high education in cognitively normal older adults: a pilot study. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 919-926.	2.7	22
46	A Novel Mouse Model of Subcortical Infarcts with Dementia. <i>Journal of Neuroscience</i> , 2015, 35, 3915-3928.	3.6	82
47	Resting-state synchrony between the retrosplenial cortex and anterior medial cortical structures relates to memory complaints in subjective cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, 2145-2152.	3.1	33
48	Delayed atrophy in posterior cingulate cortex and apathy after stroke. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 566-572.	2.7	15
49	Intraperitoneal and intravenous deliveries are not comparable in terms of drug efficacy and cell distribution in neonatal mice with hypoxia-induced ischemia. <i>Brain and Development</i> , 2015, 37, 376-386.	1.1	35
50	Combined PET/MRI: Multi-modality Multi-parametric Imaging Is Here. <i>Molecular Imaging and Biology</i> , 2015, 17, 595-608.	2.6	56
51	Asymmetrical intersection between the middle cerebral artery and rhinal vein suggests asymmetrical gustatory cortex location in rodent hemispheres. <i>Neuroscience Letters</i> , 2015, 589, 150-152.	2.1	4
52	PET Quantification of Cerebral Oxygen Metabolism in Small Animals. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	5
53	Quantitative assessment of rest and acetazolamide CBF using quantitative SPECT reconstruction and sequential administration of ¹²³ I-iodoamphetamine: comparison among data acquired at three institutions. <i>Annals of Nuclear Medicine</i> , 2014, 28, 836-850.	2.2	12
54	Adequacy of a Compartment Model for CMRO ₂ Quantitation Using ¹⁵ O-Labeled Oxygen and PET: A Clearance Measurement of ¹⁵ O-Radioactivity Following Intracarotid Bolus Injection of ¹⁵ O-Labeled Oxyhemoglobin on <i>Macaca Fascicularis</i> . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1434-1439.	4.3	3

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55	Quantification of myocardial blood flow using 201Tl SPECT and population-based input function. <i>Annals of Nuclear Medicine</i> , 2014, 28, 917-925.	2.2	8
56	Validity of using a 3-dimensional PET scanner during inhalation of ¹⁵ O-labeled oxygen for quantitative assessment of regional metabolic rate of oxygen in man. <i>Physics in Medicine and Biology</i> , 2014, 59, 5593-5609.	3.0	26
57	Microstructural abnormality in white matter, regulatory T lymphocytes, and depressive symptoms after stroke. <i>Psychogeriatrics</i> , 2014, 14, 213-221.	1.2	12
58	Microstructural changes of the nucleus accumbens due to increase of estradiol level during menstrual cycle contribute to recurrent manic episodes—A single case study. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 149-154.	1.8	3
59	Microstructural abnormalities in white matter and their effect on depressive symptoms after stroke. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 9-14.	1.8	14
60	Hyperthyroidism Increases Brown Fat Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E28-E35.	3.6	95
61	Long-Term/Bioinert Labeling of Rat Mesenchymal Stem Cells with PVA-Gd Conjugates and MRI Monitoring of the Labeled Cell Survival after Intramuscular Transplantation. <i>Bioconjugate Chemistry</i> , 2014, 25, 1243-1251.	3.6	20
62	Effects of Magnetic Fields of up to 9.4 T on Resolution and Contrast of PET Images as Measured with an MR-BrainPET. <i>PLoS ONE</i> , 2014, 9, e95250.	2.5	28
63	Imaging of the appearance time of cerebral blood using [15O]H ₂ O PET for the computation of correct CBF. <i>EJNMMI Research</i> , 2013, 3, 41.	2.5	7
64	Implantation study of small-caliber α -biotube vascular grafts in a rat model. <i>Journal of Artificial Organs</i> , 2013, 16, 59-65.	0.9	28
65	Advances in multimodal neuroimaging: Hybrid MR-PET and MR-PET-EEG at 3T and 9.4T. <i>Journal of Magnetic Resonance</i> , 2013, 229, 101-115.	2.1	67
66	Advances in hybrid MR-PET at 3T and 9.4T in humans. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 702, 16-21.	1.6	5
67	Verification of a semi-automated MRI-guided technique for non-invasive determination of the arterial input function in 15O-labeled gaseous PET. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 702, 111-113.	1.6	15
68	Three-dimensional brain phantom containing bone and grey matter structures with a realistic head contour. <i>Annals of Nuclear Medicine</i> , 2013, 27, 25-36.	2.2	68
69	The Leptomenigeal Ivy Sign on Fluid-Attenuated Inversion Recovery Images in Moyamoya Disease: Positron Emission Tomography Study. <i>Cerebrovascular Diseases</i> , 2013, 36, 19-25.	1.7	28
70	Rapid Quantitative CBF and CMRO ₂ Measurements from a Single PET Scan with Sequential Administration of Dual ¹⁵ O-Labeled Tracers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 440-448.	4.3	41
71	Preserved Acetazolamide Reactivity in Lacunar Patients with Severe White-Matter Lesions: ¹⁵ O-Labeled Gas and H ₂ O Positron Emission Tomography Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 844-850.	4.3	22
72	Cerebral Blood Flow and Metabolism of Hyperperfusion after Cerebral Revascularization in Patients with Moyamoya Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 2066-2075.	4.3	71

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73	Reproducibility of Cerebral Blood Flow Assessment using a Quantitative SPECT Reconstruction Program and Split-Dose ¹²³ I-Iodoamphetamine in Institutions with Different ¹³¹ I-Cameras and Collimators. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1757-1764.	4.3	20
74	Quantitative assessment of regional cerebral blood flow by dynamic susceptibility contrast-enhanced MRI, without the need for arterial blood signals. Physics in Medicine and Biology, 2012, 57, 7873-7892.	3.0	7
75	Quantification of regional cerebral blood flow in rats using an arteriovenous shunt and micro-PET. Nuclear Medicine and Biology, 2012, 39, 730-741.	0.6	10
76	Monte Carlo estimation of scatter effects on quantitative myocardial blood flow and perfusable tissue fraction using 3D-PET and ¹⁵ O-water. Physics in Medicine and Biology, 2012, 57, 7481-7492.	3.0	8
77	F-18 fluorodeoxyglucose uptake and water-perfusable tissue fraction in assessment of myocardial viability. Annals of Nuclear Medicine, 2012, 26, 644-655.	2.2	13
78	Breath-hold CT attenuation correction for quantitative cardiac SPECT. EJNMMI Research, 2012, 2, 33.	2.5	11
79	Monte Carlo simulation of scintillation photons for the design of a high-resolution SPECT detector dedicated to human brain. Annals of Nuclear Medicine, 2012, 26, 214-221.	2.2	7
80	Effects of patient movement on measurements of myocardial blood flow and viability in resting ¹⁵ O-water PET studies. Journal of Nuclear Cardiology, 2012, 19, 524-533.	2.1	29
81	Parametric imaging of myocardial viability using ¹⁵ O-labelled water and PET/CT: comparison with late gadolinium-enhanced CMR. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1240-1245.	6.4	12
82	The use of magnetic resonance cell tracking to monitor endothelial progenitor cells in a rat hindlimb ischemic model. Biomaterials, 2012, 33, 2439-2448.	11.4	39
83	Determination of two-photon-excitation cross section for molecular isotope separation. Journal of Molecular Spectroscopy, 2012, 274, 14-21.	1.2	2
84	Long-Term <i>In Vivo</i> Magnetic Resonance Imaging Tracking of Endothelial Progenitor Cells Transplanted in Rat Ischemic Limbs and Their Angiogenic Potential. Tissue Engineering - Part A, 2011, 17, 2079-2089.	3.1	20
85	Experimental Pig Model of Old Myocardial Infarction with Long Survival Leading to Chronic Left Ventricular Dysfunction and Remodeling as Evaluated by PET. Journal of Nuclear Medicine, 2011, 52, 761-768.	5.0	29
86	Three-dimensional quantitation of regional cerebral blood flow in mice using a high-resolution pinhole SPECT system and ¹²³ I-Iodoamphetamine. Nuclear Medicine and Biology, 2011, 38, 1157-1164.	0.6	5
87	Sensitivity of kinetic macro parameters to changes in dopamine synthesis, storage, and metabolism: A simulation study for [¹⁸ F]FDOPA PET by a model with detailed dopamine pathway. Synapse, 2011, 65, 751-762.	1.2	10
88	Impaired Myocardium Regeneration With Skeletal Cell Sheets—A Preclinical Trial for Tissue-Engineered Regeneration Therapy. Transplantation, 2010, 90, 364-372.	1.0	118
89	Quantification of regional myocardial oxygen metabolism in normal pigs using positron emission tomography with injectable ¹⁵ O-O ₂ . European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 377-385.	6.4	7
90	Development of motion correction technique for cardiac ¹⁵ O-water PET study using an optical motion tracking system. Annals of Nuclear Medicine, 2010, 24, 1-11.	2.2	11

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91	Optimization of transmission scan duration for ^{15}O PET study with sequential dual tracer administration using N-index. <i>Annals of Nuclear Medicine</i> , 2010, 24, 413-420.	2.2	4
92	Design and characterization of a polymeric MRI contrast agent based on PVA for <i>in vivo</i> living cell tracking. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 309-317.	0.8	24
93	^3T magnetic resonance angiographic assessment of a tissue engineered small caliber vascular graft implanted in a rat. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 156-160.	3.4	8
94	Measurement of Density and Affinity for Dopamine D2 Receptors by a Single Positron Emission Tomography Scan with Multiple Injections of [^{11}C]raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 663-673.	4.3	8
95	Multicenter Evaluation of a Standardized Protocol for Rest and Acetazolamide Cerebral Blood Flow Assessment Using a Quantitative SPECT Reconstruction Program and Split-Dose ^{123}I -iodoamphetamine. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1624-1631.	5.0	69
96	Influence from high and ultra-high magnetic field on positron range measured with a ^9TMR -BrainPET. , 2010, , .		6
97	Slowly progressive neuronal death associated with postischemic hyperperfusion in cortical laminar necrosis after high-flow bypass for a carotid intracavernous aneurysm. <i>Journal of Neurosurgery</i> , 2010, 112, 1254-1259.	1.6	10
98	Long-term observation of auto-cell transplantation in non-human primate reveals safety and efficiency of bone marrow stromal cell-derived Schwann cells in peripheral nerve regeneration. <i>Experimental Neurology</i> , 2010, 223, 537-547.	4.1	107
99	Conceptual design of high resolution and quantitative SPECT system for imaging a selected small ROI of human brain. , 2009, , .		4
100	Influence of residual oxygen-15-labeled carbon monoxide radioactivity on cerebral blood flow and oxygen extraction fraction in a dual-tracer autoradiographic method. <i>Annals of Nuclear Medicine</i> , 2009, 23, 363-371.	2.2	5
101	Evaluation of utility of asymmetric index for count-based oxygen extraction fraction on dual-tracer autoradiographic method for chronic unilateral brain infarction. <i>Annals of Nuclear Medicine</i> , 2009, 23, 533-539.	2.2	1
102	Use of a clinical MRI scanner for preclinical research on rats. <i>Radiological Physics and Technology</i> , 2009, 2, 13-21.	1.9	11
103	Parametric renal blood flow imaging using [^{15}O]H $_2\text{O}$ and PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 683-691.	6.4	24
104	Non-invasive estimation of hepatic glucose uptake from [^{18}F]FDG PET images using tissue-derived input functions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 2014-2026.	6.4	23
105	A Physiologic Model for Recirculation Water Correction in CMRO $_2$ Assessment with ^{15}O Inhalation PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 355-364.	4.3	23
106	Combined autologous cellular cardiomyoplasty using skeletal myoblasts and bone marrow cells for human ischemic cardiomyopathy with left ventricular assist system implantation: Report of a case. <i>Surgery Today</i> , 2009, 39, 133-136.	1.5	31
107	Quantitative evaluation of changes in binding potential with a simplified reference tissue model and multiple injections of [^{11}C]raclopride. <i>NeuroImage</i> , 2009, 47, 1639-1648.	4.2	17
108	A method to measure PET scatter fractions for daily quality control. <i>Medical Physics</i> , 2009, 36, 4609-4615.	3.0	6

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109	Absolute quantitation of myocardial blood flow with 201Tl and dynamic SPECT in canine: optimisation and validation of kinetic modelling. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 896-905.	6.4	45
110	Non-invasive estimation of hepatic blood perfusion from H2 15O PET images using tissue-derived arterial and portal input functions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1899-1911.	6.4	29
111	Optimal scan time of oxygen-15-labeled gas inhalation autoradiographic method for measurement of cerebral oxygen extraction fraction and cerebral oxygen metabolic rate. <i>Annals of Nuclear Medicine</i> , 2008, 22, 667-675.	2.2	14
112	Three-dimensional SPECT reconstruction with transmission-dependent scatter correction. <i>Annals of Nuclear Medicine</i> , 2008, 22, 549-556.	2.2	10
113	Heart and brain circulation and CO ₂ in healthy men. <i>Acta Physiologica</i> , 2008, 193, 303-308.	3.8	25
114	Comparison of gd-dtpa-induced signal enhancements in rat brain c6 glioma among different pulse sequences in 3-tesla magnetic resonance imaging. <i>Acta Radiologica</i> , 2008, 49, 172-179.	1.1	4
115	Acceleration of Monte Carlo-based scatter compensation for cardiac SPECT. <i>Physics in Medicine and Biology</i> , 2008, 53, N277-N285.	3.0	45
116	Delayed Postischemic Treatment With Fluvastatin Improved Cognitive Impairment After Stroke in Rats. <i>Stroke</i> , 2007, 38, 3251-3258.	2.0	32
117	Separation of input function for rapid measurement of quantitative CMRO ₂ and CBF in a single PET scan with a dual tracer administration method. <i>Physics in Medicine and Biology</i> , 2007, 52, 1893-1908.	3.0	33
118	Body-contour versus circular orbit acquisition in cardiac SPECT: Assessment of defect detectability with channelized Hotelling observer. <i>Nuclear Medicine Communications</i> , 2007, 28, 937-942.	1.1	3
119	Consensus Nomenclature for in vivo Imaging of Reversibly Binding Radioligands. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1533-1539.	4.3	1,840
120	Accelerated 3D-OSEM image reconstruction using a Beowulf PC cluster for pinhole SPECT. <i>Annals of Nuclear Medicine</i> , 2007, 21, 537-543.	2.2	1
121	Quantitative mapping of basal and vasoreactive cerebral blood flow using split-dose 123I-iodoamphetamine and single photon emission computed tomography. <i>NeuroImage</i> , 2006, 33, 1126-1135.	4.2	45
122	Comparison of multi-ray and point-spread function based resolution recovery methods in pinhole SPECT reconstruction. <i>Nuclear Medicine Communications</i> , 2006, 27, 823-827.	1.1	8
123	Estimation of Oxygen Metabolism in a Rat Model of Permanent Ischemia Using Positron Emission Tomography with Injectable 15O-O ₂ . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1577-1583.	4.3	19
124	Use of a compact pixellated gamma camera for small animal pinhole SPECT imaging. <i>Annals of Nuclear Medicine</i> , 2006, 20, 409-416.	2.2	32
125	Performance of list mode data acquisition with ECAT EXACT HR and ECAT EXACT HR+ positron emission scanners. <i>Annals of Nuclear Medicine</i> , 2006, 20, 189-194.	2.2	6
126	System design and development of a pinhole SPECT system for quantitative functional imaging of small animals. <i>Annals of Nuclear Medicine</i> , 2006, 20, 245-251.	2.2	16

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127	Widespread decrease of nicotinic acetylcholine receptors in Parkinson's disease. <i>Annals of Neurology</i> , 2006, 59, 174-177.	5.3	85
128	The association between the Val158Met polymorphism of the catechol-O-methyl transferase gene and morphological abnormalities of the brain in chronic schizophrenia. <i>Brain</i> , 2006, 129, 399-410.	7.6	142
129	Gene Transfer of Hepatocyte Growth Factor Gene Improves Learning and Memory in the Chronic Stage of Cerebral Infarction. <i>Hypertension</i> , 2006, 47, 742-751.	2.7	65
130	Dopaminergic neurons generated from monkey embryonic stem cells function in a Parkinson primate model. <i>Journal of Clinical Investigation</i> , 2005, 115, 102-109.	8.2	418
131	Rapid Quantitative Measurement of CMRO2 and CBF by Dual Administration of 15O-Labeled Oxygen and Water During a Single PET Scan—a Validation Study and Error Analysis in Anesthetized Monkeys. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1209-1224.	4.3	76
132	Development of a practical image-based scatter correction method for brain perfusion SPECT: comparison with the TEW method. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 1193-1198.	6.4	5
133	Understanding of cerebral energy metabolism by dynamic living brain slice imaging system with [18F]FDG. <i>Neuroscience Research</i> , 2005, 52, 357-361.	1.9	10
134	Rapid CBF/CMRO2 measurement in a single PET scan with dual tracer administration. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S672-S672.	4.3	1
135	Alteration of oxygen metabolism in MCA occlusion rat model by positron emission tomography with injectable O-15-oxygen. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S553-S553.	4.3	0
136	Development of sinogram-based estimation method of delay time of arterial input function with O-15 tracer and PET study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S674-S674.	4.3	0
137	Parametric imaging of myocardial blood flow with 15O-water and PET using the basis function method. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1219-24.	5.0	45
138	A new reconstruction strategy for image improvement in pinhole SPECT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1166-72.	6.4	27
139	Left atrial versus left ventricular input function for quantification of the myocardial blood flow with nitrogen-13 ammonia and positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 71-76.	6.4	12
140	Effect of scatter correction on the compartmental measurement of striatal and extrastriatal dopamine D2 receptors using [123I]epidepride SPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 644-654.	6.4	11
141	Long-term effect of motor cortical repetitive transcranial magnetic stimulation induces. <i>Annals of Neurology</i> , 2004, 56, 77-85.	5.3	61
142	Optimization of the width of the photopeak energy window in the TDCS technique for scatter correction in quantitative SPECT. <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 625-630.	2.0	6
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