

Hidehiko Okazawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/979249/publications.pdf>

Version: 2024-02-01

286
papers

7,876
citations

43973

48
h-index

82410

72
g-index

294
all docs

294
docs citations

294
times ranked

8606
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Regional $\hat{\pm}$ -[11C]Methyl-L-Tryptophan Trapping in Impulsive Subjects With Borderline Personality Disorder. <i>American Journal of Psychiatry</i> , 2001, 158, 775-782.	4.0	217
2	â€œStay Tunedâ€ Inter-Individual Neural Synchronization During Mutual Gaze and Joint Attention. <i>Frontiers in Integrative Neuroscience</i> , 2010, 4, 127.	1.0	196
3	Incremental Benefits of FDG Positron Emission Tomography over CT Alone for the Preoperative Staging of Ovarian Cancer. <i>American Journal of Roentgenology</i> , 2004, 182, 227-233.	1.0	155
4	Database of normal human cerebral blood flow, cerebral blood volume, cerebral oxygen extraction fraction and cerebral metabolic rate of oxygen measured by positron emission tomography with ^{15}O -labelled carbon dioxide or water, carbon monoxide and oxygen: a multicentre study in Japan. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 635-643.	3.3	153
5	Expression of GLUT-1 glucose transfer, cellular proliferation activity and grade of tumor correlate with [F-18]-fluorodeoxyglucose uptake by positron emission tomography in epithelial tumors of the ovary. <i>International Journal of Cancer</i> , 2004, 109, 926-932.	2.3	146
6	Dopaminergic stimulation up-regulates the in vivo expression of brain-derived neurotrophic factor (BDNF) in the striatum. <i>FEBS Letters</i> , 1992, 313, 138-142.	1.3	128
7	Cortical processing mechanism for vocalization with auditory verbal feedback. <i>NeuroReport</i> , 1997, 8, 2379-2382.	0.6	127
8	^{18}F -FDG PET of Common Enhancing Malignant Brain Tumors. <i>American Journal of Roentgenology</i> , 2008, 190, W365-W369.	1.0	123
9	Default mode network in young male adults with autism spectrum disorder: relationship with autism spectrum traits. <i>Molecular Autism</i> , 2014, 5, 35.	2.6	120
10	Measurement of Brain Regional $\hat{\pm}$ -[11C]Methyl-L-Tryptophan Trapping as a Measure of Serotonin Synthesis in Medication-Free Patients With Major Depression. <i>Archives of General Psychiatry</i> , 2004, 61, 556.	13.8	116
11	Is misery perfusion still a predictor of stroke in symptomatic major cerebral artery disease?. <i>Brain</i> , 2012, 135, 2515-2526.	3.7	113
12	Usefulness of ^{18}F -fluorodeoxyglucose positron emission tomography for diagnosing disease activity and monitoring therapeutic response in patients with pulmonary mycobacteriosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 632-639.	3.3	110
13	The use of nanoimprinted scaffolds as 3D culture models to facilitate spontaneous tumor cell migration and well-regulated spheroid formation. <i>Biomaterials</i> , 2011, 32, 6052-6058.	5.7	110
14	Increased oxidative stress is related to disease severity in the ALS motor cortex. <i>Neurology</i> , 2015, 84, 2033-2039.	1.5	105
15	Effects of Acetazolamide on Cerebral Blood Flow, Blood Volume, and Oxygen Metabolism: A Positron Emission Tomography Study with Healthy Volunteers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 1472-1479.	2.4	103
16	Localizing value of $\hat{\pm}$ -methyl- $\langle\text{sc}\rangle\text{L}\langle/\text{sc}\rangle$ -tryptophan PET in intractable epilepsy of neocortical origin. <i>Neurology</i> , 2001, 57, 1629-1636.	1.5	100
17	Bcl-2 inhibits retinoic acid-induced apoptosis during the neural differentiation of embryonal stem cells. <i>Journal of Cell Biology</i> , 1996, 132, 955-968.	2.3	96
18	Cytosolic acetylâ€CoA synthetase affected tumor cell survival under hypoxia: the possible function in tumor acetylâ€CoA/acetate metabolism. <i>Cancer Science</i> , 2009, 100, 821-827.	1.7	96

#	ARTICLE	IF	CITATIONS
19	Oxytocin efficacy is modulated by dosage and oxytocin receptor genotype in young adults with high-functioning autism: a 24-week randomized clinical trial. <i>Translational Psychiatry</i> , 2016, 6, e872-e872.	2.4	96
20	Smaller insula and inferior frontal volumes in young adults with pervasive developmental disorders. <i>NeuroImage</i> , 2010, 50, 1357-1363.	2.1	92
21	Evaluation of striatal oxidative stress in patients with Parkinson's disease using [⁶² Cu]ATSM PET. <i>Nuclear Medicine and Biology</i> , 2011, 38, 945-951.	0.3	89
22	Effects of Alendronate on Bone Metabolism in Glucocorticoid-Induced Osteoporosis Measured by ¹⁸ F-Fluoride PET: A Prospective Study. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1808-1814.	2.8	86
23	Sound-induced Activation of Auditory Cortices in Cochlear Implant Users with Post- and Prelingual Deafness Demonstrated by Positron Emission Tomography. <i>Acta Oto-Laryngologica</i> , 1997, 117, 490-496.	0.3	81
24	Pattern of collaterals, type of infarcts, and haemodynamic impairment in carotid artery occlusion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 1697-1701.	0.9	81
25	Cortical activation with sound stimulation in cochlear implant users demonstrated by positron emission tomography. <i>Cognitive Brain Research</i> , 1995, 2, 207-214.	3.3	79
26	¹¹ C-Methyl-L-tryptophan PET identifies the epileptogenic tuber and correlates with interictal spike frequency. <i>Epilepsy Research</i> , 2003, 52, 203-213.	0.8	79
27	Uterine Tumors: Pathophysiologic Imaging with ¹⁶ F-fluoro- ¹⁷ β-estradiol and ¹⁸ F Fluorodeoxyglucose PET—Initial Experience. <i>Radiology</i> , 2008, 248, 599-605.	3.6	78
28	PET imaging of redox and energy states in stroke-like episodes of MELAS. <i>Mitochondrion</i> , 2009, 9, 144-148.	1.6	77
29	Hard to tune in: neural mechanisms of live face-to-face interaction with high-functioning autistic spectrum disorder. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 268.	1.0	76
30	Autosomal dominant epilepsy with febrile seizures plus with missense mutations of the (Na ⁺)-channel β 1 subunit gene, SCN1A. <i>Epilepsy Research</i> , 2002, 48, 15-23.	0.8	74
31	CD47 Promotes Neuronal Development through Src- and FRG/Vav2-Mediated Activation of Rac and Cdc42. <i>Journal of Neuroscience</i> , 2006, 26, 12397-12407.	1.7	73
32	Effects of Acute and Chronic Administration of the Serotonin1A Agonist Buspirone on Serotonin Synthesis in the Rat Brain. <i>Journal of Neurochemistry</i> , 2008, 72, 2022-2031.	2.1	73
33	Grading of brain glioma with ¹¹ C-acetate PET: comparison with ¹⁸ F-FDG PET. <i>Nuclear Medicine and Biology</i> , 2008, 35, 171-176.	0.3	71
34	Cortical activation by monaural speech sound stimulation demonstrated by positron emission tomography. <i>Experimental Brain Research</i> , 1997, 113, 75-80.	0.7	70
35	Pathophysiologic Correlation Between ⁶² Cu-ATSM and ¹⁸ F-FDG in Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1948-1953.	2.8	69
36	Effects of hyperglycemia on FDG uptake in human brain and glioma. <i>Journal of Nuclear Medicine</i> , 1994, 35, 1104-9.	2.8	69

#	ARTICLE	IF	CITATIONS
37	The oct3 gene, a gene for an embryonic transcription factor, is controlled by a retinoic acid repressible enhancer. <i>EMBO Journal</i> , 1991, 10, 2997-3005.	3.5	67
38	Functional Images Reflect Aggressiveness of Endometrial Carcinoma: Estrogen Receptor Expression Combined with ¹⁸ F-FDG PET. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1598-1604.	2.8	66
39	Radiolabeled Cu-ATSM as a novel indicator of overreduced intracellular state due to mitochondrial dysfunction: studies with mitochondrial DNA-less <i>Y</i> cells and cybrids carrying MELAS mitochondrial DNA mutation. <i>Nuclear Medicine and Biology</i> , 2012, 39, 177-185.	0.3	65
40	Quantitative Comparison of the Bolus and Steady-State Methods for Measurement of Cerebral Perfusion and Oxygen Metabolism: Positron Emission Tomography Study Using ¹⁵ O-Gas and Water. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 793-803.	2.4	64
41	¹⁸ F-FES and ¹⁸ F-FDG PET for Differential Diagnosis and Quantitative Evaluation of Mesenchymal Uterine Tumors: Correlation with Immunohistochemical Analysis. <i>Journal of Nuclear Medicine</i> , 2013, 54, 499-506.	2.8	63
42	Cochlear implant efficiency in pre- and postlingually deaf subjects: A study with H215O and PET. <i>Brain</i> , 1996, 119, 1297-1306.	3.7	60
43	Cortical speech processing mechanisms while vocalizing visually presented languages. <i>NeuroReport</i> , 1996, 8, 363-367.	0.6	59
44	Evaluation of Dual-Time-Point ¹⁸ F-FDG PET for Staging in Patients with Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1606-1612.	2.8	59
45	¹¹ C-Acetate PET imaging for renal cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 422-427.	3.3	58
46	Internal radiotherapy with copper-64-diacetyl-bis (N4-methylthiosemicarbazone) reduces CD133+ highly tumorigenic cells and metastatic ability of mouse colon carcinoma. <i>Nuclear Medicine and Biology</i> , 2011, 38, 151-157.	0.3	54
47	Relationship Between Plasma Leptin Level and Brain Structure in Elderly: A Voxel-Based Morphometric Study. <i>Biological Psychiatry</i> , 2009, 65, 992-994.	0.7	51
48	Gazefinder as a clinical supplementary tool for discriminating between autism spectrum disorder and typical development in male adolescents and adults. <i>Molecular Autism</i> , 2016, 7, 19.	2.6	51
49	Dual-time-point ¹⁸ F-FDG PET imaging for diagnosis of disease type and disease activity in patients with idiopathic interstitial pneumonia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1121-1130.	3.3	49
50	The Effectiveness of ¹⁸ F-FDG PET/CT Combined with STIR MRI for Diagnosing Nodal Involvement in the Thorax. <i>Journal of Nuclear Medicine</i> , 2009, 50, 81-87.	2.8	47
51	Pathophysiologic evaluation of MELAS strokes by serially quantified MRS and CASL perfusion images. <i>Brain and Development</i> , 2010, 32, 143-149.	0.6	46
52	Additional value of ¹⁶ β-[¹⁸ F]fluoro- ¹⁷ β-oestradiol PET for differential diagnosis between uterine sarcoma and leiomyoma in patients with positive or equivocal findings on [¹⁸ F]fluorodeoxyglucose PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1824-1831.	3.3	46
53	Tumor uptake of radiolabeled acetate reflects the expression of cytosolic acetyl-CoA synthetase: implications for the mechanism of acetate PET. <i>Nuclear Medicine and Biology</i> , 2009, 36, 771-777.	0.3	44
54	Arterial Transit Time Mapping Obtained by Pulsed Continuous 3D ASL Imaging with Multiple Post-Label Delay Acquisitions: Comparative Study with PET-CBF in Patients with Chronic Occlusive Cerebrovascular Disease. <i>PLoS ONE</i> , 2016, 11, e0156005.	1.1	43

#	ARTICLE	IF	CITATIONS
55	Copper-64-diacetyl-bis (N4-methylthiosemicarbazone) accumulates in rich regions of CD133+ highly tumorigenic cells in mouse colon carcinoma. <i>Nuclear Medicine and Biology</i> , 2010, 37, 395-404.	0.3	42
56	Evaluation of Positron Emission Tomography With Tracer 18-Fluorodeoxyglucose in Addition to Magnetic Resonance Imaging in the Diagnosis of Ovarian Cancer in Selected Women After Ultrasonography. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 505-516.	0.5	41
57	Stress-Evoked Tyrosine Phosphorylation of Signal Regulatory Protein $\hat{\pm}$ Regulates Behavioral Immobility in the Forced Swim Test. <i>Journal of Neuroscience</i> , 2010, 30, 10472-10483.	1.7	41
58	Functional oestrogen receptor $\hat{\pm}$ imaging in endometrial carcinoma using $16\hat{\pm}$ -[18F]fluoro- $17\hat{\pm}$ -oestradiol PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 37-45.	3.3	41
59	Validation of a Less-Invasive Method for Measurement of Serotonin Synthesis Rate with $\hat{\pm}$ -[11C]Methyl-Tryptophan. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 1121-1129.	2.4	38
60	Emotional responses associated with self-face processing in individuals with autism spectrum disorders: An fMRI study. <i>Social Neuroscience</i> , 2012, 7, 223-239.	0.7	38
61	Long-term changes of hemodynamics and metabolism after carotid artery occlusion. <i>Neurology</i> , 2000, 54, 2095-2102.	1.5	37
62	18F -FDG PET radiomics approaches: comparing and clustering features in cervical cancer. <i>Annals of Nuclear Medicine</i> , 2017, 31, 678-685.	1.2	37
63	Metabolic monitoring of advanced uterine cervical cancer neoadjuvant chemotherapy by using [F-18]-Fluorodeoxyglucose positron emission tomography: preliminary results in three patients. <i>Gynecologic Oncology</i> , 2004, 95, 597-602.	0.6	36
64	Prognostic value of dual-time-point 18F -fluorodeoxyglucose positron emission tomography in patients with pulmonary sarcoidosis. <i>Respirology</i> , 2011, 16, 713-720.	1.3	36
65	Quantification of brain oxygen extraction and metabolism with [15O]-gas PET: A technical review in the era of PET/MRI. <i>NeuroImage</i> , 2020, 220, 117136.	2.1	36
66	The positron emission tomography with F18 $17\hat{\pm}$ -estradiol has the potential to benefit diagnosis and treatment of endometrial cancer. <i>Gynecologic Oncology</i> , 2007, 104, 764-766.	0.6	33
67	Depressive mood modulates the anterior lateral CA1 and DG/CA3 during a pattern separation task in cognitively intact individuals: A functional MRI study. <i>Hippocampus</i> , 2014, 24, 214-224.	0.9	33
68	Prognostic Value of Dual-Time-Point 18F -FDG PET for Idiopathic Pulmonary Fibrosis. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1869-1875.	2.8	33
69	Self-face recognition shares brain regions active during proprioceptive illusion in the right inferior fronto-parietal superior longitudinal fasciculus III network. <i>Neuroscience</i> , 2017, 348, 288-301.	1.1	33
70	Reproducibility of Semi-quantitative Parameters in FDG-PET Using Two Different PET Scanners: Influence of Attenuation Correction Method and Examination Interval. <i>Molecular Imaging and Biology</i> , 2008, 10, 162-166.	1.3	32
71	Imaging the early response to chemotherapy in advanced lung cancer with diffusion-weighted magnetic resonance imaging compared to fluorine-18 fluorodeoxyglucose positron emission tomography and computed tomography. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 80-88.	1.9	32
72	Cerebral Hematocrit Decreases With Hemodynamic Compromise in Carotid Artery Occlusion. <i>Stroke</i> , 1998, 29, 98-103.	1.0	31

#	ARTICLE	IF	CITATIONS
73	In vivo imaging of estrogen receptor concentration in the endometrium and myometrium using FES PET influence of menstrual cycle and endogenous estrogen level. Nuclear Medicine and Biology, 2007, 34, 205-210.	0.3	31
74	Positron emission tomography in ovarian cancer: 18F-deoxy-glucose and 16 β -18F-fluoro-17 β -estradiol PET. Journal of Ovarian Research, 2009, 2, 7.	1.3	31
75	Sex Differences in the Default Mode Network with Regard to Autism Spectrum Traits: A Resting State fMRI Study. PLoS ONE, 2015, 10, e0143126.	1.1	31
76	Statistical mapping analysis of serotonin synthesis images generated in healthy volunteers using positron-emission tomography and alpha-[11C]methyl-L-tryptophan. Journal of Psychiatry and Neuroscience, 2000, 25, 359-70.	1.4	31
77	Abnormal Myocardial Energy-Production State in Mitochondrial Cardiomyopathy and Acute Response to L-Arginine Infusion - C-11 Acetate Kinetics Revealed by Positron Emission Tomography -. Circulation Journal, 2010, 74, 2702-2711.	0.7	30
78	Metabolic tumor burden predicts prognosis of ovarian cancer patients who receive platinum-based adjuvant chemotherapy. Cancer Science, 2016, 107, 478-485.	1.7	30
79	¹⁸ F-FDG PET/CT for Diagnosis of Osteosclerotic and Osteolytic Vertebral Metastatic Lesions: Comparison with Bone Scintigraphy. Asian Spine Journal, 2013, 7, 96.	0.8	30
80	Clinical application and quantitative evaluation of generator-produced copper-62-PTSM as a brain perfusion tracer for PET. Journal of Nuclear Medicine, 1994, 35, 1910-5.	2.8	30
81	Cu-Pyruvaldehyde-bis(N4-methylthiosemicarbazone) (Cu-PTSM), a Metal Complex with Selective NADH-Dependent Reduction by Complex I in Brain Mitochondria: A Potential Radiopharmaceutical for Mitochondria-Functional Imaging with Positron Emission Tomography (PET).. Biological and Pharmaceutical Bulletin, 1995, 18, 1126-1129.	0.6	29
82	Regulation of striatal D1A dopamine receptor gene transcription by Brn-4.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11933-11938.	3.3	29
83	Autistic empathy toward autistic others. Social Cognitive and Affective Neuroscience, 2015, 10, 145-152.	1.5	28
84	Evaluation of staging and early response to chemotherapy with whole-body diffusion-weighted MRI in malignant lymphoma patients: A comparison with FDG-PET/CT. Journal of Magnetic Resonance Imaging, 2015, 41, 1601-1607.	1.9	28
85	Reduced visual cortex grey matter volume in children and adolescents with reactive attachment disorder. NeuroImage: Clinical, 2015, 9, 13-19.	1.4	28
86	Development of Right-hemispheric Dominance of Inferior Parietal Lobule in Proprioceptive Illusion Task. Cerebral Cortex, 2017, 27, 5385-5397.	1.6	28
87	Reduction in serotonin synthesis following acute and chronic treatments with paroxetine, a selective serotonin reuptake inhibitor, in rat brain: an autoradiographic study with β -[14C]methyl-L-tryptophan 2 2Abbreviations: 5-HT, serotonin, 5-hydroxytryptamine; β -[14C]MTrp, β -[14C]methyl-L-tryptophan; SSRI, selective serotonin reuptake inhibitor; and β -[14C]M5HT, β -[14C]methyl-5-HT.. Biochemical Pharmacology, 2001, 62, 1481-1488.	2.0	26
88	Comparison of ¹⁸ F-FDG PET and MRI in Assessment of Uterine Smooth Muscle Tumors. Journal of Nuclear Medicine, 2008, 49, 708-712.	2.8	26
89	Kikuchi-Fujimoto Disease. Clinical Nuclear Medicine, 2011, 36, 661-664.	0.7	26
90	Feasibility of 62Cu-ATSM PET for evaluation of brain ischaemia and misery perfusion in patients with cerebrovascular disease. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1075-1082.	3.3	26

#	ARTICLE	IF	CITATIONS
91	Noninvasive method for measurement of cerebral blood flow using O-15 water PET/MRI with ASL correlation. <i>European Journal of Radiology</i> , 2018, 105, 102-109.	1.2	26
92	Changes in cerebral blood flow induced by balloon test occlusion of the internal carotid artery under hypotension. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995, 22, 1268-1273.	2.2	25
93	Clinical impact of hemodynamic parameter measurement for cerebrovascular disease using positron emission tomography and 15O-labeled tracers. <i>Annals of Nuclear Medicine</i> , 2009, 23, 217-227.	1.2	25
94	New radiosynthesis of 2-deoxy-2-[18F]fluoroacetamido-d-glucopyranose and its evaluation as a bacterial infections imaging agent. <i>Nuclear Medicine and Biology</i> , 2011, 38, 807-817.	0.3	25
95	Brain Regional $\hat{\pm}$ -[¹¹ C]Methyl-L-Tryptophan Trapping in Medication-Free Patients With Obsessive-Compulsive Disorder. <i>Archives of General Psychiatry</i> , 2011, 68, 732.	13.8	25
96	In vivo functional brain imaging and a therapeutic trial of L-arginine in MELAS patients. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 615-618.	1.1	25
97	Assessment of intratumor heterogeneity in mesenchymal uterine tumor by an 18F-FDG PET/CT texture analysis. <i>Annals of Nuclear Medicine</i> , 2017, 31, 752-757.	1.2	25
98	PET Imaging for Oxidative Stress in Neurodegenerative Disorders Associated with Mitochondrial Dysfunction. <i>Antioxidants</i> , 2020, 9, 861.	2.2	25
99	Enhanced Detection of Brain Tumors by [18F]Fluorodeoxyglucose PET with Glucose Loading. <i>Journal of Computer Assisted Tomography</i> , 1994, 18, 12-15.	0.5	24
100	Can the detection of misery perfusion in chronic cerebrovascular disease be based on reductions in baseline CBF and vasoreactivity?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 121-129.	3.3	24
101	Development of microwave-based automated nucleophilic [18F]fluorination system and its application to the production of [18F]flumazenil. <i>Nuclear Medicine and Biology</i> , 2009, 36, 403-409.	0.3	24
102	Measurement of regional cerebral plasma pool and hematocrit with copper-62-labeled HSA-DTS. <i>Journal of Nuclear Medicine</i> , 1996, 37, 1080-5.	2.8	24
103	Quantitative evaluation of myocardial blood flow and ejection fraction with a single dose of (13)NH(3) and Gated PET. <i>Journal of Nuclear Medicine</i> , 2002, 43, 999-1005.	2.8	24
104	Delayed image of iodine-123 iomazenil as a relative map of benzodiazepine receptor binding: The optimal scan time. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 1491-1497.	2.2	23
105	High-Resolution Magnetic Resonance Imaging and 18FDG-PET Findings of the Cervical Spinal Cord Before and After Decompressive Surgery in Patients With Compressive Myelopathy. <i>Spine</i> , 2009, 34, 1185-1191.	1.0	23
106	Beneficial effects of statin treatment on coronary microvascular dysfunction and left ventricular remodeling in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2012, 155, 442-447.	0.8	23
107	Diagnosis of Complex Renal Cystic Masses and Solid Renal Lesions Using PET Imaging. <i>Clinical Nuclear Medicine</i> , 2014, 39, e208-e214.	0.7	23
108	Image Generation of Serotonin Synthesis Rates Using $\hat{\pm}$ -Methyltryptophan and PET. <i>Journal of Computer Assisted Tomography</i> , 1998, 22, 777-785.	0.5	23

#	ARTICLE	IF	CITATIONS
109	Presurgical identification of epileptic foci with iodine-123 iomazenil SPET: Comparison with brain perfusion SPET and FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 27-34.	2.2	22
110	Neurological Improvement Associated with Resolution of Irradiation-Induced Myelopathy: Serial Magnetic Resonance Imaging and Positron Emission Tomography Findings. <i>Journal of Neuroimaging</i> , 2009, 19, 274-276.	1.0	22
111	Assessing Tumor Hypoxia in Head and Neck Cancer by PET With ⁶² Cu-Diacetyl-Bis(N4-Methylthiosemicarbazone). <i>Clinical Nuclear Medicine</i> , 2014, 39, 1027-1032.	0.7	22
112	Self-Face Recognition Begins to Share Active Region in Right Inferior Parietal Lobule with Proprioceptive Illusion During Adolescence. <i>Cerebral Cortex</i> , 2018, 28, 1532-1548.	1.6	22
113	Diagnostic value of [¹⁸ F]FDG PET/MRI for staging in patients with ovarian cancer. <i>EJNMMI Research</i> , 2020, 10, 117.	1.1	22
114	Simple quantification of benzodiazepine receptor binding and ligand transport using iodine-123-iomazenil and two SPECT scans. <i>Journal of Nuclear Medicine</i> , 1995, 36, 1201-10.	2.8	22
115	Brain imaging for oxidative stress and mitochondrial dysfunction in neurodegenerative diseases. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 58, 387-97.	0.4	22
116	Simplified quantification of regional cerebral blood flow with ^{99m} Tc-ECD SPECT and continuous arterial blood sampling. <i>Annals of Nuclear Medicine</i> , 1996, 10, 177-183.	1.2	21
117	Clinical implication and prognosis of normal baseline cerebral blood flow with impaired vascular reserve in patients with major cerebral artery occlusive disease. <i>Annals of Nuclear Medicine</i> , 2010, 24, 371-377.	1.2	21
118	Sex Differences in White Matter Pathways Related to Language Ability. <i>Frontiers in Neuroscience</i> , 2019, 13, 898.	1.4	21
119	Diagnostic value of ¹⁸ F-FDG PET/MRI for staging in patients with endometrial cancer. <i>Cancer Imaging</i> , 2020, 20, 75.	1.2	21
120	Oxygen extraction fraction and acetazolamide reactivity in symptomatic carotid artery disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 33-7.	0.9	21
121	Gene regulation of trkB and trkC in the chick retina by light/darkness exposure. <i>Oncogene</i> , 1994, 9, 1813-8.	2.6	21
122	Relationship between vasodilatation and cerebral blood flow increase in impaired hemodynamics: a PET study with the acetazolamide test in cerebrovascular disease. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1875-83.	2.8	21
123	Automatic labeling method for injectable ¹⁵ O-oxygen using hemoglobin-containing liposome vesicles and its application for measurement of brain oxygen consumption by PET. <i>Nuclear Medicine and Biology</i> , 2010, 37, 77-83.	0.3	20
124	Transport mechanism of ¹¹ C-labeled L- and D-methionine in human-derived tumor cells. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1213-1218.	0.3	20
125	Estimation of arterial input by a noninvasive image derived method in brain ¹⁵ O PET study: confirmation of arterial location using MR angiography. <i>Physics in Medicine and Biology</i> , 2017, 62, 4514-4524.	1.6	20
126	¹⁸ F-FDG/ ¹⁸ F-FES standardized uptake value ratio determined using PET predicts prognosis in uterine sarcoma. <i>Oncotarget</i> , 2017, 8, 22581-22589.	0.8	20

#	ARTICLE	IF	CITATIONS
127	Cerebral Oxygen Metabolism of Rats using Injectable ¹⁵ O-Oxygen with a Steady-State Method. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 33-40.	2.4	19
128	Different Distribution of ⁶² Cu ATSM and ¹⁸ F-FDG in Head and Neck Cancers. <i>Clinical Nuclear Medicine</i> , 2012, 37, 252-257.	0.7	19
129	Attenuation of the contingency detection effect in the extrastriate body area in autism spectrum disorder. <i>Neuroscience Research</i> , 2014, 87, 66-76.	1.0	19
130	Predictive value of integrated ¹⁸ F-FDG PET/MRI in the early response to nivolumab in patients with previously treated non-small cell lung cancer. , 2020, 8, e000349.		19
131	Effects of 5-HT _{1B/1D} Receptor Agonist Rizatriptan on Cerebral Blood Flow and Blood Volume in Normal Circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 92-98.	2.4	18
132	Does partial volume corrected maximum SUV based on count recovery coefficient in 3D-PET/CT correlate with clinical aggressiveness of non-Hodgkin's lymphoma?. <i>Annals of Nuclear Medicine</i> , 2008, 22, 23-30.	1.2	18
133	Different Prognostic Implications of ¹⁸ F-FDG PET Between Histological Subtypes in Patients With Cervical Cancer. <i>Medicine (United States)</i> , 2016, 95, e3017.	0.4	18
134	No significant difference found in PET/MRI CBF values reconstructed with CT-atlas-based and ZTE MR attenuation correction. <i>EJNMMI Research</i> , 2019, 9, 26.	1.1	18
135	Quantitative Evaluation of ¹⁸ F-Flutemetamol PET in Patients With Cognitive Impairment and Suspected Alzheimer's Disease: A Multicenter Study. <i>Frontiers in Neurology</i> , 2020, 11, 578753.	1.1	18
136	A Decrease in Regional Cerebral Blood Volume and Hematocrit in Crossed Cerebellar Diaschisis. <i>Stroke</i> , 1999, 30, 1429-1431.	1.0	17
137	FDG positron emission tomography imaging of drug-induced pneumonitis. <i>Annals of Nuclear Medicine</i> , 2008, 22, 335-338.	1.2	17
138	Precise Evaluation of Striatal Oxidative Stress Corrected for Severity of Dopaminergic Neuronal Degeneration in Patients with Parkinson's Disease: A Study with ⁶² Cu-ATSM PET and ¹²³ I-FP-CIT SPECT. <i>European Neurology</i> , 2017, 78, 161-168.	0.6	17
139	Multimodal analysis using [¹¹ C]PiB-PET/MRI for functional evaluation of patients with Alzheimer's disease. <i>EJNMMI Research</i> , 2020, 10, 30.	1.1	17
140	Molecular cloning and expression of a novel truncated form of chicken trkC. <i>FEBS Letters</i> , 1993, 329, 171-177.	1.3	16
141	Limited value of interictal brain perfusion SPECT for detection of epileptic foci: High resolution SPECT studies in comparison with FDG-PET. <i>Annals of Nuclear Medicine</i> , 1995, 9, 59-63.	1.2	16
142	Effects of Metabolite Correction for Arterial Input Function on Quantitative Receptor Images With ¹¹ C-Flumazenil in Clinical Positron Emission Tomography Studies. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 428-435.	0.5	16
143	Reverse blood flow-glucose metabolism mismatch indicates preserved oxygen metabolism in patients with revascularised myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1155-1162.	3.3	16
144	Ethnic differences in COMT genetic effects on striatal grey matter alterations associated with childhood ADHD: A voxel-based morphometry study in a Japanese sample. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 322-328.	1.3	16

#	ARTICLE	IF	CITATIONS
145	Noninvasive quantification of iodine-123-iomazenil SPECT. <i>Journal of Nuclear Medicine</i> , 1996, 37, 374-8.	2.8	16
146	Comparative assessment of 18F-fluorodeoxyglucose PET and 99mTc-tetrofosmin SPECT for the prediction of functional recovery in patients with reperfused acute myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 879-886.	3.3	15
147	18F-Fluorothymidine PET Is a Potential Predictive Imaging Biomarker of the Response to Gemcitabine-Based Chemotherapeutic Treatment for Recurrent Ovarian Cancer. <i>Clinical Nuclear Medicine</i> , 2013, 38, 560-563.	0.7	15
148	Pathophysiological Decrease in the Regional Cerebral Blood Flow in Hashimoto's Encephalopathy: A Multiple-Case SPECT Study. <i>European Neurology</i> , 2014, 72, 13-19.	0.6	15
149	Prognostic Value of 18F-Fluoro-17 β -Estradiol PET as a Predictor of Disease Outcome in Endometrial Cancer: A Prospective Study. <i>Journal of Nuclear Medicine</i> , 2021, 62, 636-642.	2.8	15
150	Molecular imaging for mitochondrial metabolism and oxidative stress in mitochondrial diseases and neurodegenerative disorders. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129832.	1.1	15
151	Correspondence. <i>Neuropsychopharmacology</i> , 1999, 21, 153-155.	2.8	14
152	The effect of acetazolamide on the changes of cerebral blood flow and oxygen metabolism during visual stimulation. <i>NeuroImage</i> , 2003, 20, 543-549.	2.1	14
153	Relationship between impaired microvascular function in the non-infarct-related area and left-ventricular remodeling in patients with myocardial infarction. <i>International Journal of Cardiology</i> , 2008, 126, 366-373.	0.8	14
154	Assessment of the Tumor Redox Status in Head and Neck Cancer by 62Cu-ATSM PET. <i>PLoS ONE</i> , 2016, 11, e0155635.	1.1	14
155	Age-dependent atypicalities in body- and face-sensitive activation of the EBA and FFA in individuals with ASD. <i>Neuroscience Research</i> , 2017, 119, 38-52.	1.0	14
156	Do Individuals With Autism Spectrum Disorders Help Other People With Autism Spectrum Disorders? An Investigation of Empathy and Helping Motivation in Adults With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 376.	1.3	14
157	Attenuated activation of the anterior rostral medial prefrontal cortex on self-relevant social reward processing in individuals with autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020, 26, 102249.	1.4	14
158	Diagnostic Value of 18F-FDG PET/MRI for Revised 2018 FIGO Staging in Patients with Cervical Cancer. <i>Diagnostics</i> , 2021, 11, 202.	1.3	14
159	Evaluation of a double-injection method for sequential measurement of cerebral blood flow with iodine-123-iodoamphetamine. <i>Journal of Nuclear Medicine</i> , 1995, 36, 1339-45.	2.8	14
160	The role of the temporal coding system in the auditory cortex on speech recognition. <i>NeuroReport</i> , 1997, 8, 2395-2398.	0.6	13
161	Preparation and evaluation of ethyl [18F]fluoroacetate as a praradiotracer of [18F]fluoroacetate for the measurement of glial metabolism by PET. <i>Nuclear Medicine and Biology</i> , 2009, 36, 155-162.	0.3	13
162	Comparison of the transcellular transport of FDG and D-glucose by the kidney epithelial cell line, LLC-PK1. <i>Nuclear Medicine Communications</i> , 2010, 31, 141-146.	0.5	13

#	ARTICLE	IF	CITATIONS
163	Role of PET/CT in Gynecological Tumors Based on the Revised FIGO Staging Classification. <i>Clinical Nuclear Medicine</i> , 2011, 36, e114-e118.	0.7	13
164	Selective Cerebral Hematocrit Decrease in the Centrum Semiovale after Carotid Artery Occlusion: A PET Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 109-114.	2.4	12
165	Distinctive FDG and FES accumulation pattern of two tamoxifen-treated patients with endometrial hyperplasia. <i>Annals of Nuclear Medicine</i> , 2008, 22, 73-77.	1.2	12
166	Shorter Examination Method for the Diagnosis of Myocardial Perfusion with Count-Based Oxygen Extraction Fraction Elevation in ^{15}O -Gas PET. <i>Journal of Nuclear Medicine</i> , 2008, 49, 242-246.	2.8	12
167	Clinical significance of MRI/ ^{18}F -FDG PET fusion imaging of the spinal cord in patients with cervical compressive myelopathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1528-1537.	3.3	12
168	Highly Sensitive Telomerase Assay Insusceptible to Telomerase and Polymerase Chain Reaction Inhibitors for Cervical Cancer Screening Using Scraped Cells. <i>Analytical Chemistry</i> , 2017, 89, 6948-6953.	3.2	12
169	^{18}F -FLT PET/MRI for bone marrow failure syndrome-initial experience. <i>EJNMMI Research</i> , 2019, 9, 16.	1.1	12
170	Measurement of regional cerebral blood flow with copper-62-PTSM and a three-compartment model. <i>Journal of Nuclear Medicine</i> , 1996, 37, 1089-93.	2.8	12
171	Differences in vasodilatory capacity and changes in cerebral blood flow induced by acetazolamide in patients with cerebrovascular disease. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1371-8.	2.8	12
172	Clinical application of $^{62}\text{Zn}/^{62}\text{Cu}$ positron generator: Perfusion and plasma pool images in normal subjects. <i>Annals of Nuclear Medicine</i> , 1995, 9, 81-87.	1.2	11
173	Episodic memory retrieval for story characters in high-functioning autism. <i>Molecular Autism</i> , 2013, 4, 20.	2.6	11
174	Mania: Not the opposite of depression, but an extension? Neuronal plasticity and polarity. <i>Medical Hypotheses</i> , 2013, 81, 175-179.	0.8	11
175	The co-occurrence of zinc deficiency and social isolation has the opposite effects on mood compared with either condition alone due to changes in the central norepinephrine system. <i>Behavioural Brain Research</i> , 2015, 284, 125-130.	1.2	11
176	Role of PET/MRI in oral cavity and oropharyngeal cancers based on the 8th edition of the AJCC cancer staging system: a pictorial essay. <i>Annals of Nuclear Medicine</i> , 2018, 32, 239-249.	1.2	11
177	Whole-body bone marrow DWI correlates with age, anemia, and hematopoietic activity. <i>European Journal of Radiology</i> , 2019, 118, 223-230.	1.2	11
178	Relationship between sensory characteristics and cortical thickness/volume in autism spectrum disorders. <i>Translational Psychiatry</i> , 2021, 11, 616.	2.4	11
179	Differential amygdala response to lower face in patients with autistic spectrum disorders: An fMRI study. <i>Research in Autism Spectrum Disorders</i> , 2011, 5, 910-919.	0.8	10
180	Local-to-distant development of the cerebrocerebellar sensorimotor network in the typically developing human brain: a functional and diffusion MRI study. <i>Brain Structure and Function</i> , 2019, 224, 1359-1375.	1.2	10

#	ARTICLE	IF	CITATIONS
181	Effect of vascular radioactivity on regional values of cerebral blood flow: evaluation of methods for H(2)(15)O PET to distinguish cerebral perfusion from blood volume. <i>Journal of Nuclear Medicine</i> , 2001, 42, 1032-9.	2.8	10
182	Reduced blood flow response to acetazolamide reflects pre-existing vasodilation and decreased oxygen metabolism in major cerebral arterial occlusive disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1349-1356.	3.3	9
183	Detection of interstitial clusters in neutron irradiated Ni-Hf alloy by perturbed angular correlation and positron annihilation lifetime measurements. <i>Journal of Nuclear Materials</i> , 2004, 329-333, 967-970.	1.3	9
184	Simple quantification of myocardial perfusion by pixel-by-pixel graphical analysis using carbon-11 acetate: comparison of the K-complexes of carbon-11 acetate and nitrogen-13 ammonia. <i>Nuclear Medicine Communications</i> , 2008, 29, 679-685.	0.5	9
185	Effect of dietary zinc deficiency on ischemic vulnerability of the brain. <i>Neuroscience Letters</i> , 2012, 531, 10-13.	1.0	9
186	Neural correlates of emotion processing during observed self-face recognition in individuals with autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2016, 26, 16-32.	0.8	9
187	Impaired myocardial microcirculation in the flow-glucose metabolism mismatch regions in revascularized acute myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1641-1650.	1.4	9
188	Altered perspective-dependent brain activation while viewing hands and associated imitation difficulties in individuals with autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2018, 19, 384-395.	1.4	9
189	FDG-PET/MRI with high-resolution DWI characterises the distinct phenotypes of endometrial cancer. <i>Clinical Radiology</i> , 2020, 75, 209-215.	0.5	9
190	Integrated [18F]FDG PET/MRI demonstrates the iron-related bone-marrow physiology. <i>Scientific Reports</i> , 2020, 10, 13878.	1.6	9
191	Selected PET radiomic features remain the same. <i>Oncotarget</i> , 2018, 9, 20734-20746.	0.8	9
192	Central Auditory Processing of Speech in Cochlear Implant Users Demonstrated by Positron Emission Tomography. , 1997, 52, 19-23.		8
193	Changes in Blood Flow and Oxygen Metabolism During Visual Stimulation in Carotid Artery Disease. <i>Stroke</i> , 2002, 33, 1294-1300.	1.0	8
194	Pixel-by-pixel precise delay correction for measurement of cerebral hemodynamic parameters in H2 15O PET study. <i>Annals of Nuclear Medicine</i> , 2017, 31, 283-294.	1.2	8
195	The effects of epigenetic age and its acceleration on surface area, cortical thickness, and volume in young adults. <i>Cerebral Cortex</i> , 2022, 32, 5654-5663.	1.6	8
196	Delayed data acquisition for optimal PET activation studies with oxygen-15-water in cerebral arteriovenous malformation. <i>Journal of Nuclear Medicine</i> , 1995, 36, 2149-53.	2.8	8
197	Diagnosis of misery perfusion using noninvasive 15O-gas PET. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1581-6.	2.8	8
198	Relationship between microcirculatory dysfunction and resolution of ST-segment elevation in the early phase after primary angioplasty in patients with ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2012, 159, 144-149.	0.8	7

#	ARTICLE	IF	CITATIONS
199	Acute hyperglycemia causes microvascular damage, leading to poor functional recovery and remodeling in patients with reperfused ST-segment elevation myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 507-514.	1.4	7
200	Predictive Value of Early-Stage Uptake of ^{18}F -Fluorothymidine in Cancer Cells Treated with Charged Particle Irradiation. <i>Journal of Nuclear Medicine</i> , 2015, 56, 945-950.	2.8	7
201	PET probe detecting non-small cell lung cancer susceptible to epidermal growth factor receptor tyrosine kinase inhibitor therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1609-1613.	1.4	7
202	CT-based attenuation correction and resolution compensation for I-123 IMP brain SPECT normal database: a multicenter phantom study. <i>Annals of Nuclear Medicine</i> , 2018, 32, 311-318.	1.2	7
203	Predictive Value of ^{18}F -Fluoro- $^{17}\beta$ -Estradiol PET as a Biomarker of Progestin Therapy Resistance in Patients With Atypical Endometrial Hyperplasia and Low-Grade Endometrial Cancer. <i>Clinical Nuclear Medicine</i> , 2019, 44, 574-575.	0.7	7
204	Count-based method for specific binding ratio calculation in [I-123]FP-CIT SPECT analysis. <i>Annals of Nuclear Medicine</i> , 2019, 33, 14-21.	1.2	7
205	The effect of deafferentation on cerebral blood flow response to acetazolamide. <i>American Journal of Neuroradiology</i> , 2004, 25, 92-6.	1.2	7
206	[^{18}F]-Fluorodeoxyglucose-positron emission tomography findings in preterm infants with severe periventricular leukomalacia and hypsarrhythmia. <i>European Journal of Pediatrics</i> , 1997, 156, 236-238.	1.3	6
207	A ^{18}F -FDG-positive, ^{67}Ga -negative, and transferrin receptor expression-negative patient with diffuse large B-cell lymphoma. <i>Annals of Nuclear Medicine</i> , 2007, 21, 375-378.	1.2	6
208	Validation of the calculation of the clearance rate constant (k_{mono}) of [^{11}C]acetate using parametric k_{mono} image for myocardial oxidative metabolism. <i>Nuclear Medicine and Biology</i> , 2009, 36, 877-882.	0.3	6
209	Development of an H_2O Steady-State Method Combining a Bolus and Slow Increasing Injection with a Multiprogramming Syringe Pump. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 527-534.	2.4	6
210	Assessment of Therapeutic Effect of Sunitinib by ^{11}C -Acetate PET Compared with FDG PET Imaging in a Patient with Metastatic Renal Cell Carcinoma. <i>Nuclear Medicine and Molecular Imaging</i> , 2011, 45, 217-219.	0.6	6
211	Positron Emission Tomography Radiopharmaceuticals for Sex Steroid Hormone Receptor Imaging. <i>Current Medicinal Chemistry</i> , 2012, 19, 3266-3270.	1.2	6
212	Arterial spin labeling MR imaging for the clinical detection of cerebellar hypoperfusion in patients with spinocerebellar degeneration. <i>Journal of the Neurological Sciences</i> , 2018, 394, 58-62.	0.3	6
213	The vertebral ^{18}F -deoxy- ^{18}F -fluorothymidine uptake predicts the hematological toxicity after systemic chemotherapy in patients with lung cancer. <i>European Radiology</i> , 2019, 29, 3908-3917.	2.3	6
214	Intrinsic brain activity associated with eye gaze during mother-child interaction. <i>Scientific Reports</i> , 2020, 10, 18903.	1.6	6
215	Full report on a survey of adverse reactions to radiopharmaceuticals from 1975 to 2017 in Japan. <i>Annals of Nuclear Medicine</i> , 2020, 34, 299-304.	1.2	6
216	Cerebral Oxidative Stress in Early Alzheimer's Disease Evaluated by ^{64}Cu -ATSM PET/MRI: A Preliminary Study. <i>Antioxidants</i> , 2022, 11, 1022.	2.2	6

#	ARTICLE	IF	CITATIONS
217	trk Immunoreactivity at Neuronal Dendrite and Cell Body. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 683-690.	1.0	5
218	Altered patterns of blood flow response during visual stimulation in carotid artery occlusive disease. <i>NeuroImage</i> , 2005, 25, 554-560.	2.1	5
219	Cerebral hyperperfusion syndrome resulting in subarachnoid hemorrhage after carotid artery stenting. <i>Annals of Nuclear Medicine</i> , 2016, 30, 669-674.	1.2	5
220	A Novel Diagnostic Strategy Using $^{16}\alpha\text{-}^{18}\text{F}$ -Fluoro- $^{17}\beta\text{-}$ Estradiol (18F-FES) PET/MRI to Achieve Complete Resection of Intravenous Leiomyomatosis in Reproductive-Age Women. <i>Clinical Nuclear Medicine</i> , 2017, 42, e335-e336.	0.7	5
221	Predictive value of $^3\text{-deoxy-}^3\text{-}^{18}\text{F}$ -fluorothymidine PET in the early response to anti-programmed death-1 therapy in patients with advanced non-small cell lung cancer. , 2021, 9, e003079.		5
222	^{18}F -Fluoroestradiol Tumor Uptake Is Influenced by Structural Components in Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2021, 46, 884-889.	0.7	5
223	Feasibility of [^{18}F]FDG PET/MRI with Early-Delayed and Extended PET as One-Stop Imaging for Staging and Predicting Metastasis in Rectal Cancer. <i>Oncology</i> , 2022, 100, 212-220.	0.9	5
224	Epigenetic Clock Deceleration and Maternal Reproductive Efforts: Associations With Increasing Gray Matter Volume of the Precuneus. <i>Frontiers in Genetics</i> , 2022, 13, 803584.	1.1	5
225	PET Imaging of Estrogen Receptors for Gynecological Tumors. <i>Clinical Nuclear Medicine</i> , 2022, 47, e481-e488.	0.7	5
226	Focal Glucose Hypermetabolism in Interictal State of West Syndrome. <i>Pediatric Neurology</i> , 2006, 34, 47-50.	1.0	4
227	Vasodilatory effect of adenosine triphosphate does not change cerebral blood flow: a PET study with ^{15}O -water. <i>Annals of Nuclear Medicine</i> , 2009, 23, 717-723.	1.2	4
228	Assessment of Fluorodeoxyglucose Uptake by Leiomyomas in Relation to Histopathologic Subtype and the Menstrual State. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 877-881.	0.5	4
229	Oestrogen-related tumour phenotype: positron emission tomography characterisation with ^{18}F -FDG and ^{18}F -FES. <i>British Journal of Radiology</i> , 2012, 85, 1020-1024.	1.0	4
230	Region-specific causal mechanism in the effects of ammonia on cerebral glucose metabolism in the rat brain. <i>Journal of Neural Transmission</i> , 2013, 120, 375-382.	1.4	4
231	Comparison of diagnostic accuracy between [^{18}F]FDG PET/MRI and contrast-enhanced MRI in T staging for oral tongue cancer. <i>Annals of Nuclear Medicine</i> , 2020, 34, 952-959.	1.2	4
232	Zero Echo Time-Based PET/MRI Attenuation Correction in Patients With Oral Cavity Cancer. <i>Clinical Nuclear Medicine</i> , 2020, 45, 501-505.	0.7	4
233	Elucidation of the relationship between sensory processing and white matter using diffusion tensor imaging tractography in young adults. <i>Scientific Reports</i> , 2021, 11, 12088.	1.6	4
234	Delay and Dispersion Correction for a New Coincidental Radioactivity Detector, Pico-Count, in Quantitative PET Studies. , 2002, , 15-21.		4

#	ARTICLE	IF	CITATIONS
235	The Utility of Arterial Transit Time Measurement for Evaluating the Hemodynamic Perfusion State of Patients with Chronic Cerebrovascular Stenosis or Occlusive Disease: Correlative Study between MR Imaging and ^{15}O -labeled H_2O Positron Emission Tomography. <i>Magnetic Resonance in Medical Sciences</i> , 2022, .	1.1	4
236	240 11C-ACETATE PET IMAGING OF RECURRENT PROSTATE CANCER AFTER RADICAL PROSTATECTOMY: DETECTION OF RECURRENT DISEASE UNDER PSA OF 3.0 NG/ML. <i>Journal of Urology</i> , 2010, 183, .	0.2	3
237	Noninvasive Measurement of ^{11}C PiB Distribution Volume Using Integrated PET/MRI. <i>Diagnostics</i> , 2020, 10, 993.	1.3	3
238	A Novel Automatic Approach for Calculation of the Specific Binding Ratio in ^{123}I FP-CIT SPECT. <i>Diagnostics</i> , 2020, 10, 289.	1.3	3
239	Radiological perspective of COVID-19 pneumonia: The early features and progressive behaviour on high-resolution CT. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 208-212.	0.9	3
240	Differences in Hemodynamic Alteration between Atherosclerotic Occlusive Lesions and Moyamoya Disease: A Quantitative ^{15}O -PET Study. <i>Diagnostics</i> , 2021, 11, 1820.	1.3	3
241	Comparison of image quality with ^{62}Cu and ^{64}Cu -labeled radiotracers in positron emission tomography whole-body phantom imaging. <i>Hellenic Journal of Nuclear Medicine</i> , 2015, 18, 103-7.	0.2	3
242	Optimal dose of injection in activation study with O -15 water and PET. <i>Annals of Nuclear Medicine</i> , 1994, 8, 239-243.	1.2	2
243	Increased glucose metabolism by FDG-PET correlates with reduced tumor angiogenesis in oral squamous cell carcinoma. <i>Odontology / the Society of the Nippon Dental University</i> , 2012, 100, 87-94.	0.9	2
244	Default mode network in young male adults with autism spectrum disorder: Relationship with autism spectrum traits. <i>International Journal of Psychophysiology</i> , 2014, 94, 212.	0.5	2
245	Assessing the ADC of Bone-marrow on Whole-body MR Images in Relation to the Fat-suppression Method and Fat Content. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 407-413.	1.1	2
246	Association of Epigenetic Differences Screened in a Few Cases of Monozygotic Twins Discordant for Attention-Deficit Hyperactivity Disorder With Brain Structures. <i>Frontiers in Neuroscience</i> , 2021, 15, 799761.	1.4	2
247	Brain Activity in the Motor Speech Areas and the Auditory Areas during Vocalization, as Demonstrated by Positron Emission Tomography.. <i>Practica Otologica</i> , 1996, 89, 1401-1406.	0.0	1
248	Measurement of glucose metabolism in rat spinal cord slices with dynamic positron autoradiography. <i>Nuclear Medicine and Biology</i> , 2009, 36, 183-189.	0.3	1
249	Neuroprotective effect of ketone bodies against hypoxia and ischemia in rat brain slices: A study using the glucose metabolic rate measured with dynamic positron autoradiography. <i>Neuroscience Research</i> , 2010, 68, e208.	1.0	1
250	Appropriate parameters of the ordered-subset expectation maximization algorithm on measurement of myocardial blood flow and oxygen consumption with ^{11}C -acetate PET. <i>Nuclear Medicine Communications</i> , 2012, 33, 130-138.	0.5	1
251	Intrathoracic Benign Goiter Imaged by ^{18}F -FDG-PET. <i>Medicine (United States)</i> , 2015, 94, e1387.	0.4	1
252	Pet neuroimaging for oxidative stress based on mitochondrial dysfunction in Neurodegenerative Diseases. <i>Journal of the Neurological Sciences</i> , 2017, 381, 260.	0.3	1

#	ARTICLE	IF	CITATIONS
253	Visual Body Part Representation in the Lateral Occipitotemporal Cortex in Children/Adolescents and Adults. <i>Cerebral Cortex Communications</i> , 2020, 1, tga007.	0.7	1
254	Acquisition count dependence of the specific binding ratio in 123I-FP-CIT SPECT. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1271-1278.	1.2	1
255	Utilization of Antibody Allows Rapid Clearance of Nanoparticle Probes from Blood without the Need of Probe Modifications. <i>ACS Omega</i> , 2021, 6, 21153-21159.	1.6	1
256	Metastatic invasive lobular breast cancer presenting as linitis plastica of the colon: Tumour characterization using [18 F]FES PET/MRI. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, , .	0.9	1
257	Relationship between misery perfusion and vasodilatory capacity assessed by acetazolamide test in patients with cerebrovascular disease. <i>Nosotchu</i> , 2005, 27, 643-647.	0.0	1
258	Arterial spin labeling imaging for the detection of cerebral blood flow asymmetry in patients with corticobasal syndrome. <i>Neuroradiology</i> , 2022, , 1.	1.1	1
259	A simplified autoradiographic method with $\hat{\pm}$ -[14C]methyl-tryptophan to measure serotonin synthesis rate in the rat brain. <i>Nuclear Medicine and Biology</i> , 2004, 31, 1013-1019.	0.3	0
260	Measurement of arterial part of vascular volume (VO) for the evaluation of hemodynamic changes in cerebrovascular disease. <i>International Congress Series</i> , 2004, 1265, 218-227.	0.2	0
261	₁₁ C-ACETATE PET IMAGING IN RENAL TUMOR. <i>Journal of Urology</i> , 2008, 179, 376-376.	0.2	0
262	Automatic Synthesis of Ethyl [18F]Fluoroacetate and its First PET Imaging. , 2008, , .		0
263	11 C-ACETATE PET IMAGING FOR COMPLICATED RENAL CYSTS. <i>Journal of Urology</i> , 2009, 181, 778-778.	0.2	0
264	Differences in early-phase tracer distribution in lung between 11C-acetate and 13N-ammonia. <i>Nuclear Medicine Communications</i> , 2009, 30, 343-349.	0.5	0
265	An fMRI study of self-evaluation process in individuals with pervasive developmental disorders. <i>Neuroscience Research</i> , 2010, 68, e203.	1.0	0
266	The EBA dysfunction in the ASD; as a "comparator" of self and other's action during reciprocal imitation. <i>Neuroscience Research</i> , 2011, 71, e386-e387.	1.0	0
267	Inhibition load changes the brain activation irrespective of attentional differences: A functional magnetic resonance imaging study. <i>Neuroscience Research</i> , 2011, 71, e381.	1.0	0
268	Cerebrovascular Disease and PET. , 2013, , 175-185.		0
269	Beneficial early effects of statin treatment on coronary microvascular dysfunction and left ventricular remodeling in patients with acute anterior myocardial infarctions. <i>European Heart Journal</i> , 2013, 34, P2225-P2225.	1.0	0
270	Neuronal plasticity in depressive or manic states " New assessment of our hypothesis: Mania is an extension of depression from the perspective of neuronal plasticity. <i>Medical Hypotheses</i> , 2014, 83, 845-846.	0.8	0

#	ARTICLE	IF	CITATIONS
271	MP29-12 PRECLINICAL ASSESSMENT OF EARLY THERAPEUTIC EFFECT OF SUNITINIB ON RENAL CELL CARCINOMA USING 18F-FLUOROTHYMIDINE POSITRON EMISSION TOMOGRAPHY IN A XENOGRFT MODEL. Journal of Urology, 2014, 191, .	0.2	0
272	Probing the neuronal status for cerebrovascular disease using EEG. , 2017, , .		0
273	Mitochondrial Cardiomyopathy and Usage of l-Arginine. , 2017, , 461-470.		0
274	Molecular brain imaging evaluates the pathophysiology of stroke-like episodes in Melas. Journal of the Neurological Sciences, 2017, 381, 706.	0.3	0
275	Dopamine transporter imaging (DAT-SPECT) In Pisa syndrome with Parkinsonâ€™s disease. Journal of the Neurological Sciences, 2017, 381, 729-730.	0.3	0
276	COVID-19 pneumonia detected by [¹⁸ F]FDG PET/MRI: a case with negative antigen test and chest X-ray results. BJR case Reports, 2021, 7, 20210131.	0.1	0
277	Importance of the early visual cortex and the lateral occipito-temporal cortex for the self-hand specific perspective process. Neurolmage Reports, 2021, 1, 100046.	0.5	0
278	ER imaging for estrogen-related tumors is bothersome but useful. Journal of Nuclear Medicine, 2021, , jnumed.121.263170.	2.8	0
279	Measurement of Cerebral Blood Flow Using H215O PET and Its Clinical Application. Radioisotopes, 2009, 58, 209-219.	0.1	0
280	Whole-Body Diffusion-Weighted Magnetic Resonance Imaging Is a New Sensitive Non-Invasive Method for Staging and Monitoring Chemotherapy Response of Malignant Lymphoma Including Indolent Lymphoma Compared with FDG-PET/CT. Blood, 2010, 116, 4147-4147.	0.6	0
281	Clinical Significance of 3D-MRI/18F-FDG PET Fusion Imaging of Patients with Cervical Compressive Myelopathy. , 2014, , 367-376.		0
282	Metabolic tumor burden predicts prognosis of ovarian cancer patients who receive platinum-based adjuvant chemotherapy after cytoreductive surgery outcome.. Journal of Clinical Oncology, 2016, 34, e17100-e17100.	0.8	0
283	Diagnostic value of 18F-FDG PET/MRI for the detection of lymph node metastasis in gynecologic cancer.. Journal of Clinical Oncology, 2017, 35, e17014-e17014.	0.8	0
284	Difference of neural representation of body parts between children and adults. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2019, 83, 1A-074-1A-074.	0.0	0
285	Neural mechanism for sensory perception. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2019, 83, 2D-041-2D-041.	0.0	0
286	An eltrombopagâ€induced remission of boneâ€marrow aplasia accompanied by marked leukoerythroblastosis and splenomegaly. British Journal of Haematology, 0, , .	1.2	0