Gi Jeong Cheon

List of Publications by Year
in descending order

273	6,804	76326	102487
papers	citations	40 h-index	66 g-index

292	292	292	10211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prognostic Value of Metabolic Tumor Volume and Total Lesion Glycolysis in Head and Neck Cancer: A Systematic Review and Meta-Analysis. Journal of Nuclear Medicine, 2014, 55, 884-890.	5.0	257
2	A Hybrid Nanoparticle Probe for Dualâ€Modality Positron Emission Tomography and Magnetic Resonance Imaging. Angewandte Chemie - International Edition, 2008, 47, 6259-6262.	13.8	203
3	Prognostic value of volumetric parameters of 18F-FDG PET in non-small-cell lung cancer: a meta-analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 241-251.	6.4	203
4	Preparation of a Promising Angiogenesis PET Imaging Agent: 68Ga-Labeled c(RGDyK)â€“Isothiocyanatobenzyl-1,4,7-Triazacyclononane-1,4,7-Triacetic Acid and Feasibility Studies in Mice. Journal of Nuclear Medicine, 2008, 49, 830-836.	5.0	190
5	Tumor-Associated Macrophages Enhance Tumor Hypoxia and Aerobic Glycolysis. Cancer Research, 2019, 79, 795-806.	0.9	188
6	Systemic and Specific Delivery of Small Interfering RNAs to the Liver Mediated by Apolipoprotein A-I. Molecular Therapy, 2007, 15, 1145-1152.	8.2	159
7	11C-Pittsburgh B PET Imaging in CardiacÂAmyloidosis. JACC: Cardiovascular Imaging, 2015, 8, 50-59.	5.3	135
8	Crossâ€calibration of multiâ€frequency bioelectrical impedance analysis with eightâ€point tactile electrodes and dualâ€energy Xâ€ray absorptiometry for assessment of body composition in healthy children aged 6â€“18â€ƒyears. Pediatrics International, 2009, 51, 263-268.	0.5	119
9	Intracranial ganglioglioma: preoperative characteristics and oncologic outcome after surgery. Journal of Neuro-Oncology, 2002, 59, 173-183.	2.9	111
10	Prediction Model of Chemotherapy Response in Osteosarcoma by ¹⁸F-FDG PET and MRI. Journal of Nuclear Medicine, 2009, 50, 1435-1440.	5.0	111
11	Apoptosis-inducing antitumor efficacy of hexokinase II inhibitor in hepatocellular carcinoma. Molecular Cancer Therapeutics, 2007, 6, 2554-2562.	4.1	100
12	Prediction of microvascular invasion of hepatocellular carcinoma using gadoxetic acid-enhanced MR and 18F-FDG PET/CT. Abdominal Imaging, 2015, 40, 843-851.	2.0	98
13	Neuroendocrine differentiation of prostate cancer leads to PSMA suppression. Endocrine-Related Cancer, 2019, 26, 131-146.	3.1	98
14	Recent Trends in PET Image Interpretations Using Volumetric and Texture-based Quantification Methods in Nuclear Oncology. Nuclear Medicine and Molecular Imaging, 2014, 48, 1-15.	1.0	86
15	2016 Revised Korean Thyroid Association Management Guidelines for Patients with Thyroid Nodules and Thyroid Cancer. International Journal of Thyroidology, 2016, 9, 59.	0.1	80
16	Diagnostic Performance of Resting and Hyperemic Invasive Physiological Indices to Define Myocardial Ischemia. JACC: Cardiovascular Interventions, 2017, 10, 751-760.	2.9	80
17	Comparison of 18F-FDG, 18F-FET and 18F-FLT for differentiation between tumor and inflammation in rats. Nuclear Medicine and Biology, 2009, 36, 681-686.	0.6	78
18	Radiomics in Oncological PET/CT: a Methodological Overview. Nuclear Medicine and Molecular Imaging, 2019, 53, 14-29.	1.0	77

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19	In Vivo Differentiation of Human Amniotic Epithelial Cells into Cardiomyocyte-Like Cells and Cell Transplantation Effect on Myocardial Infarction in Rats: Comparison with Cord Blood and Adipose Tissue-Derived Mesenchymal Stem Cells. Cell Transplantation, 2012, 21, 1687-1696.	2.5	75
20	Comparison of 4D CT, Ultrasonography, and ^{99m}Tc Sestamibi SPECT/CT in Localizing Singleâ€Gland Primary Hyperparathyroidism. Otolaryngology - Head and Neck Surgery, 2015, 152, 438-443.	1.9	72
21	Integrated Myocardial Perfusion Imaging Diagnostics Improve Detection of Functionally Significant Coronary Artery Stenosis by ¹³ N-ammonia Positron Emission Tomography. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	67
22	18F-FDG uptake and EGFR mutations in patients with non-small cell lung cancer: A single-institution retrospective analysis. Lung Cancer, 2010, 67, 76-80.	2.0	66
23	Characterization and Cancer Cell Specific Binding Properties of Anti-EGFR Antibody Conjugated Quantum Dots. Bioconjugate Chemistry, 2010, 21, 940-946.	3.6	65
24	Autoclustering of Non-small Cell Lung Carcinoma Subtypes on 18F-FDG PET Using Texture Analysis: A Preliminary Result. Nuclear Medicine and Molecular Imaging, 2014, 48, 278-286.	1.0	60
25	Update on nodal staging in non-small cell lung cancer with integrated positron emission tomography/computed tomography: a meta-analysis. Annals of Nuclear Medicine, 2015, 29, 409-419.	2.2	60
26	Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. European Radiology, 2016, 26, 3850-3857.	4.5	58
27	Associations of urinary concentrations of phthalate metabolites, bisphenol A, and parabens with obesity and diabetes mellitus in a Korean adult population: Korean National Environmental Health Survey (KoNEHS) 2015â€“2017. Environment International, 2021, 146, 106227.	10.0	55
28	Overexpression of Glut1 in lymphoid follicles correlates with false-positive (18)F-FDG PET results in lung cancer staging. Journal of Nuclear Medicine, 2004, 45, 999-1003.	5.0	55
29	PET/CT-Based Dosimetry in 90Y-Microsphere Selective Internal Radiation Therapy. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	54
30	Revival of TE2A; a better chelate for Cu(II) ions than TETA?. Chemical Communications, 2010, 46, 3517.	4.1	53
31	Prognostic Implications of the SUVmax of Primary Tumors and Metastatic Lymph Node Measured by 18F-FDG PET in Patients With Uterine Cervical Cancer. Clinical Nuclear Medicine, 2016, 41, 34-40.	1.3	52
32	Differential Expression of Glucose Transporters and Hexokinases in Prostate Cancer with a Neuroendocrine Gene Signature: A Mechanistic Perspective for ¹⁸F-FDG Imaging of PSMA-Suppressed Tumors. Journal of Nuclear Medicine, 2020, 61, 904-910.	5.0	52
33	Bone Mineral Density According to Age, Bone Age, and Pubertal Stages in Korean Children and Adolescents. Journal of Clinical Densitometry, 2010, 13, 68-76.	1.2	51
34	Prognostic value of preoperative intratumoral FDG uptake heterogeneity in early stage uterine cervical cancer. Journal of Gynecologic Oncology, 2016, 27, e15.	2.2	50
35	Prognostic value of metabolic tumour volume on baseline 18F-FDG PET/CT in addition to NCCN-IPI in patients with diffuse large B-cell lymphoma: further stratification of the group with a high-risk NCCN-IPI. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1417-1427.	6.4	49
36	Combined Treatment with Silibinin and Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors Overcomes Drug Resistance Caused by T790M Mutation. Molecular Cancer Therapeutics, 2010, 9, 3233-3243.	4.1	47

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37	Comparison of SPECT/CT and MRI in Diagnosing Symptomatic Lesions in Ankle and Foot Pain Patients: Diagnostic Performance and Relation to Lesion Type. PLoS ONE, 2015, 10, e0117583.	2.5	46
38	A simple Cu-64 production and its application of Cu-64 ATSM. Applied Radiation and Isotopes, 2009, 67, 1190-1194.	1.5	45
39	Influence of Androgen Deprivation Therapy on the Uptake of PSMA-Targeted Agents: Emerging Opportunities and Challenges. Nuclear Medicine and Molecular Imaging, 2017, 51, 202-211.	1.0	45
40	Prognostic value of preoperative intratumoral FDG uptake heterogeneity in patients with epithelial ovarian cancer. European Radiology, 2017, 27, 16-23.	4.5	44
41	Integrated 18F-FDG PET/MRI in breast cancer: early prediction of response to neoadjuvant chemotherapy. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 328-339.	6.4	43
42	18F-Fluoro-2-Deoxy-Glucose Uptake Predicts Clinical Outcome in Patients with Gefitinib-Treated Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2008, 14, 2036-2041.	7.0	41
43	Evaluation of lymphedema in upper extremities by MR lymphangiography: Comparison with lymphoscintigraphy. Magnetic Resonance Imaging, 2018, 49, 63-70.	1.8	41
44	High prevalence of osteoporosis in patients with gastric adenocarcinoma following gastrectomy. World Journal of Gastroenterology, 2007, 13, 6492.	3.3	41
45	Radiation sensitivity depends on OGG1 activity status in human leukemia cell lines. Free Radical Biology and Medicine, 2002, 32, 212-220.	2.9	40
46	Implication of Lymph Node Metastasis Detected on 18F-FDG PET/CT for Surgical Planning in Patients With Peripheral Intrahepatic Cholangiocarcinoma. Clinical Nuclear Medicine, 2014, 39, 1-7.	1.3	40
47	[11C]-(R)-PK11195 positron emission tomography in patients with complex regional pain syndrome. Medicine (United States), 2017, 96, e5735.	1.0	40
48	A potential role for skeletal muscle caveolin-1 as an insulin sensitivity modulator in ageing-dependent non-obese type 2 diabetes: studies in a new mouse model. Diabetologia, 2008, 51, 1025-1034.	6.3	39
49	Exploring Coronary Circulatory Response to Stenosis and Its Association With Invasive Physiologic Indexes Using Absolute Myocardial Blood Flow and Coronary Pressure. Circulation, 2017, 136, 1798-1808.	1.6	39
50	Anesthesia condition for 18F-FDG imaging of lung metastasis tumors using small animal PET. Nuclear Medicine and Biology, 2008, 35, 143-150.	0.6	38
51	Diagnostic values of thyroglobulin measurement in fine-needle aspiration of lymph nodes in patients with thyroid cancer. Endocrine, 2015, 49, 70-77.	2.3	38
52	Noninvasive Imaging of Myocardial Inflammation in Myocarditis using ⁶⁸Ga-tagged Mannosylated Human Serum Albumin Positron Emission Tomography. Theranostics, 2017, 7, 413-424.	10.0	38
53	Prognostic value of preoperative metabolic tumor volume measured by 18F-FDG PET/CT and MRI in patients with endometrial cancer. Gynecologic Oncology, 2013, 130, 446-451.	1.4	37
54	Radioiodine Therapy in Differentiated Thyroid Cancer: The First Targeted Therapy in Oncology. Endocrinology and Metabolism, 2014, 29, 233.	3.0	37

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55	Radiation Dose from Whole-Body F-18 Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography: Nationwide Survey in Korea. Journal of Korean Medical Science, 2016, 31, S69.	2.5	37
56	Prediction of Posttransplantation Recurrence of Hepatocellular Carcinoma Using Metabolic and Volumetric Indices of ¹⁸F-FDG PET/CT. Journal of Nuclear Medicine, 2016, 57, 1045-1051.	5.0	37
57	Synthesis and evaluation of stilbene derivatives as a potential imaging agent of amyloid plaques. Bioorganic and Medicinal Chemistry, 2010, 18, 7724-7730.	3.0	35
58	Usefulness of Integrated PET/MRI in Head and Neck Cancer: A Preliminary Study. Nuclear Medicine and Molecular Imaging, 2014, 48, 98-105.	1.0	34
59	Prognostic Value of Metabolic Tumor Volume on 11C-Methionine PET in Predicting Progression-Free Survival in High-Grade Glioma. Nuclear Medicine and Molecular Imaging, 2015, 49, 291-297.	1.0	34
60	Association of exposure to polycyclic aromatic hydrocarbons and heavy metals with thyroid hormones in general adult population and potential mechanisms. Science of the Total Environment, 2021, 762, 144227.	8.0	34
61	Hepatic siRNA delivery using recombinant human apolipoprotein A-I in mice. Biochemical and Biophysical Research Communications, 2009, 378, 192-196.	2.1	33
62	Positron Emission Tomography/Magnetic Resonance Imaging Evaluation of Lung Cancer. Journal of Thoracic Imaging, 2014, 29, 4-16.	1.5	33
63	188Re-tin-colloid as a new therapeutic agent for rheumatoid arthritis. Nuclear Medicine Communications, 2003, 24, 689-696.	1.1	32
64	Usefulness of MRI-assisted metabolic volumetric parameters provided by simultaneous 18F-fluorocholine PET/MRI for primary prostate cancer characterization. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1247-1256.	6.4	32
65	18F-FDG PET/CT in Anti-LGI1 Encephalitis. Clinical Nuclear Medicine, 2015, 40, 156-158.	1.3	32
66	Prognostic Value of Metabolic and Volumetric Parameters of Preoperative FDG-PET/CT in Patients With Resectable Pancreatic Cancer. Medicine (United States), 2016, 95, e3686.	1.0	32
67	Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds is associated with a risk of obesity and diabetes mellitus among Korean adults: Korean National Environmental Health Survey (KoNEHS) 2015â€“2017. International Journal of Hygiene and Environmental Health, 2022, 240, 113886.	4.3	32
68	Real-time Tumor Oxygenation Changes AfterÂSingle High-dose Radiation Therapy inÂOrthotopic and Subcutaneous Lung Cancer inÂMice: Clinical Implication for StereotacticÂAblative Radiation Therapy ScheduleÂOptimization. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1022-1031.	0.8	31
69	Multidisciplinary perspectives on newly revised 2018 FIGO staging of cancer of the cervix uteri. Journal of Gynecologic Oncology, 2019, 30, e40.	2.2	31
70	Clinical impact of whole-body FDG-PET for evaluation of response and therapeutic decision-making of primary lymphoma of bone. Annals of Oncology, 2005, 16, 1401-1402.	1.2	30
71	Heterogeneity index evaluated by slope of linear regression on 18F-FDG PET/CT as a prognostic marker for predicting tumor recurrence in pancreatic ductal adenocarcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1995-2003.	6.4	30
72	Comparison of Diagnostic Sensitivity and Quantitative Indices Between 68Ga-DOTATOC PET/CT and 111In-Pentetreotide SPECT/CT in Neuroendocrine Tumors: a Preliminary Report. Nuclear Medicine and Molecular Imaging, 2015, 49, 284-290.	1.0	29

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73	Prostate-Specific Membrane Antigen PET Imaging in Prostate Cancer: Opportunities and Challenges. Korean Journal of Radiology, 2018, 19, 819.	3.4	29
74	Dosimetry of rhenium-188 diethylene triamine penta-acetic acid for endovascular intra-balloon brachytherapy after coronary angioplasty. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 76-82.	2.1	28
75	Superiority of HMPAO Ictal SPECT to ECD Ictal SPECT in Localizing the Epileptogenic Zone. Epilepsia, 2002, 43, 263-269.	5.1	28
76	Heterogeneity Analysis of 18F-FDG Uptake in Differentiating Between Metastatic and Inflammatory Lymph Nodes in Adenocarcinoma of the Lung: Comparison with Other Parameters and its Application in a Clinical Setting. Nuclear Medicine and Molecular Imaging, 2013, 47, 232-241.	1.0	28
77	MRI-Based Attenuation Correction for PET/MRI Using Multiphase Level-Set Method. Journal of Nuclear Medicine, 2016, 57, 587-593.	5.0	28
78	FDG Whole-Body PET/MRI in Oncology: a Systematic Review. Nuclear Medicine and Molecular Imaging, 2017, 51, 22-31.	1.0	28
79	Comparison of the cost-effectiveness of stress myocardial SPECT and stress echocardiography in suspected coronary artery disease considering the prognostic value of false-negative results. Journal of Nuclear Cardiology, 2002, 9, 515-522.	2.1	27
80	Gray matter correlates of dopaminergic degeneration in <scp>P</scp>arkinson's disease: A hybrid <scp>PET/MR</scp> study using ¹⁸<scp>F</scp>â€<scp>FP</scp>â€<scp>CIT</scp>. Human Brain Mapping, 2016, 37, 1710-1721.	3.6	27
81	Diagnostic value of integrated PET/MRI for detection and localization of prostate cancer: Comparative study of multiparametric MRI and PET/CT. Journal of Magnetic Resonance Imaging, 2017, 45, 597-609.	3.4	27
82	Functional evaluation of parathyroid adenoma using 99mTc-MIBI parathyroid SPECT/CT. Nuclear Medicine Communications, 2014, 35, 649-654.	1.1	26
83	Thyroxine-binding globulin, peripheral deiodinase activity, and thyroid autoantibody status in association of phthalates and phenolic compounds with thyroid hormones in adult population. Environment International, 2020, 140, 105783.	10.0	26
84	Lead, mercury, and cadmium exposures are associated with obesity but not with diabetes mellitus: Korean National Environmental Health Survey (KoNEHS) 2015â€“2017. Environmental Research, 2022, 204, 111888.	7.5	26
85	Gender Differences in Total and Regional Body Composition Changes as Measured by Dual-Energy X-Ray Absorptiometry in Korean Children and Adolescents. Journal of Clinical Densitometry, 2009, 12, 229-237.	1.2	25
86	Reciprocal change in Glucose metabolism of Cancer and Immune Cells mediated by different Glucose Transporters predicts Immunotherapy response. Theranostics, 2020, 10, 9579-9590.	10.0	25
87	Establishment of the Seoul National University Prospectively Enrolled Registry for Genitourinary Cancer (SUPER-GUC): A prospective, multidisciplinary, bio-bank linked cohort and research platform. Investigative and Clinical Urology, 2019, 60, 235.	2.0	25
88	Detection and Characterization of Parathyroid Adenoma/Hyperplasia for Preoperative Localization: Comparison Between 11C-Methionine PET/CT and 99mTc-Sestamibi Scintigraphy. Nuclear Medicine and Molecular Imaging, 2013, 47, 166-172.	1.0	24
89	Segmentation-Based MR Attenuation Correction Including Bones Also Affects Quantitation in Brain Studies: An Initial Result of ¹⁸F-FP-CIT PET/MR for Patients with Parkinsonism. Journal of Nuclear Medicine, 2014, 55, 1617-1622.	5.0	24
90	Correlation of Asymmetry Indices Measured by Arterial Spin-Labeling MR Imaging and SPECT in Patients with Crossed Cerebellar Diaschisis. American Journal of Neuroradiology, 2015, 36, 1662-1668.	2.4	24

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91	Comprehensive gene expression analysis for exploring the association between glucose metabolism and differentiation of thyroid cancer. BMC Cancer, 2019, 19, 1260.	2.6	24
92	Preoperative PET/CT FDG standardized uptake value of pelvic lymph nodes as a significant prognostic factor in patients with uterine cervical cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 674-681.	6.4	23
93	¹⁸F-FEDAC as a Targeting Agent for Activated Macrophages in DBA/1 Mice with Collagen-Induced Arthritis: Comparison with ¹⁸F-FDG. Journal of Nuclear Medicine, 2018, 59, 839-845.	5.0	23
94	A diagnostic model to detect silent brain metastases in patients with non-small cell lung cancer. European Journal of Cancer, 2008, 44, 2411-2417.	2.8	22
95	Amyloid PET Quantification Via End-to-End Training of a Deep Learning. Nuclear Medicine and Molecular Imaging, 2019, 53, 340-348.	1.0	22
96	The Value of SPECT/CT in Localizing Pain Site and Prediction of Treatment Response in Patients with Chronic Low Back Pain. Journal of Korean Medical Science, 2014, 29, 1711.	2.5	21
97	Prognostic value of simultaneous 18F-FDG PET/MRI using a combination of metabolo-volumetric parameters and apparent diffusion coefficient in treated head and neck cancer. EJNMMI Research, 2018, 8, 2.	2.5	21
98	Evaluation of Adrenal Masses in Lung Cancer Patients Using F-18 FDG PET/CT. Nuclear Medicine and Molecular Imaging, 2011, 45, 52-58.	1.0	20
99	Prospective Evaluation of Changes in Tumor Size and Tumor Metabolism in Patients with Advanced Gastric Cancer Undergoing Chemotherapy: Association and Clinical Implication. Journal of Nuclear Medicine, 2017, 58, 899-904.	5.0	20
100	Prognostic importance of lymph node-to-primary tumor standardized uptake value ratio in invasive squamous cell carcinoma of uterine cervix. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1862-1869.	6.4	19
101	Prognostic significance of preoperative ¹⁸F-FDG PET/CT in uterine leiomyosarcoma. Journal of Gynecologic Oncology, 2017, 28, e28.	2.2	19
102	Preoperative [18F]FDG PET/CT tumour heterogeneity index in patients with uterine leiomyosarcoma: a multicentre retrospective study. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1309-1316.	6.4	19
103	Abnormal neuroinflammation in fibromyalgia and CRPS using [11C]-(R)-PK11195 PET. PLoS ONE, 2021, 16, e0246152.	2.5	19
104	Reproducibility of assessment of myocardial function using gated 99Tcm-MIBI SPECT and quantitative software. Nuclear Medicine Communications, 2000, 21, 1127-1134.	1.1	18
105	Modulation of Insulin Sensitivity and Caveolin-1 Expression by Orchidectomy in a Nonobese Type 2 Diabetes Animal Model. Molecular Medicine, 2011, 17, 4-11.	4.4	18
106	Prognostic Value of SUVmean in Oropharyngeal and Hypopharyngeal Cancers. Clinical Nuclear Medicine, 2015, 40, 9-13.	1.3	18
107	Composite criteria using clinical and FDG PET/CT factors for predicting recurrence of hepatocellular carcinoma after living donor liver transplantation. European Radiology, 2019, 29, 6009-6017.	4.5	18
108	Diagnostic Accuracy of F-18 FDG-PET in the Assessment of Posttherapeutic Recurrence of Head and Neck Cancer. Molecular Imaging and Biology, 1999, 2, 197-204.	0.3	17

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109	Synthesis and Evaluation of cis-1-[4-(Hydroxymethyl)-2-cyclopenten-1-yl]-5-[¹²⁴I]iodouracil:â€‰ A New Potential PET Imaging Agent for HSV1-tk Expression. Journal of Medicinal Chemistry, 2007, 50, 6032-6038.	6.4	17
110	Effectiveness of [124I]-PET/CT and [18F]-FDG-PET/CT for Localizing Recurrence in Patients with Differentiated Thyroid Carcinoma. Journal of Korean Medical Science, 2012, 27, 1019.	2.5	17
111	Clinical Performance of Whole-Body 18F-FDG PET/Dixon-VIBE, T1-Weighted, and T2-Weighted MRI Protocol in Colorectal Cancer. Clinical Nuclear Medicine, 2015, 40, e392-e398.	1.3	17
112	Measurement of 68Ga-DOTATOC Uptake in the Thoracic Aorta and Its Correlation with Cardiovascular Risk. Nuclear Medicine and Molecular Imaging, 2018, 52, 279-286.	1.0	17
113	Predictive Role of Temporal Changes in Intratumoral Metabolic Heterogeneity During Palliative Chemotherapy in Patients with Advanced Pancreatic Cancer: A Prospective Cohort Study. Journal of Nuclear Medicine, 2020, 61, 33-39.	5.0	17
114	Diagnostic Accuracy and Confidence of [18F] FDG PET/MRI in comparison with PET or MRI alone in Head and Neck Cancer. Scientific Reports, 2020, 10, 9490.	3.3	17
115	Visual interpretation of [18F]Florbetaben PET supported by deep learningâ€“based estimation of amyloid burden. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1116-1123.	6.4	17
116	Impaired phagocytosis of apoptotic cells causes accumulation of bone marrow-derived macrophages in aged mice. BMB Reports, 2017, 50, 43-48.	2.4	17
117	Relation of EGFR Mutation Status to Metabolic Activity in Localized Lung Adenocarcinoma and Its Influence on the Use of FDG PET/CT Parameters in Prognosis. American Journal of Roentgenology, 2018, 210, 1346-1351.	2.2	16
118	Distinguishing between Thymic Epithelial Tumors and Benign Cysts via Computed Tomography. Korean Journal of Radiology, 2019, 20, 671.	3.4	16
119	Combined radionuclideâ€“chemotherapy and in vivo imaging of hepatocellular carcinoma cells after transfection of a triple-gene construct, NIS, HSV1-sr39tk, and EGFP. Cancer Letters, 2010, 290, 129-138.	7.2	15
120	Feasibility of PET Template-Based Analysis on F-18 FP-CIT PET in Patients with De Novo Parkinsonâ€™s Disease. Nuclear Medicine and Molecular Imaging, 2013, 47, 73-80.	1.0	15
121	In Vitro Radionuclide Therapy and In Vivo Scintigraphic Imaging of Alpha-Fetoprotein-Producing Hepatocellular Carcinoma by Targeted Sodium Iodide Symporter Gene Expression. Nuclear Medicine and Molecular Imaging, 2013, 47, 1-8.	1.0	15
122	Feasibility of ¹⁸F-FDG PET as a Noninvasive Diagnostic Tool of Muscle Denervation: A Preliminary Study. Journal of Nuclear Medicine, 2014, 55, 1737-1740.	5.0	15
123	Serum thyroglobulin level after radioiodine therapy (Day 3) to predict successful ablation of thyroid remnant in postoperative thyroid cancer. Annals of Nuclear Medicine, 2015, 29, 184-189.	2.2	15
124	Prognostic value of total lesion glycolysis on preoperative 18F-FDG PET/CT in patients with uterine carcinosarcoma. European Radiology, 2016, 26, 4148-4154.	4.5	15
125	Prognostic value of lymph node-to-primary tumor standardized uptake value ratio in endometrioid endometrial carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 47-55.	6.4	15
126	Dopamine dysregulation in psychotic relapse after antipsychotic discontinuation: an [18F]DOPA and [11C]raclopride PET study in first-episode psychosis. Molecular Psychiatry, 2021, 26, 3476-3488.	7.9	15

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127	[18F]CB251 PET/MR imaging probe targeting translocator protein (TSPO) independent of its Polymorphism in a Neuroinflammation Model. Theranostics, 2020, 10, 9315-9331.	10.0	15
128	Circulating Osteocalcinâ€Positive Cells as a Novel Diagnostic Biomarker for Bone Metastasis in Breast Cancer Patients. Journal of Bone and Mineral Research, 2020, 35, 1838-1849.	2.8	15
129	Feasibility of Quantitative Flow Ratioâ€“Derived Pullback Pressure Gradient Index and Its Impact on Diagnostic Performance. JACC: Cardiovascular Interventions, 2021, 14, 353-355.	2.9	15
130	Generation of parametric image of regional myocardial blood flow using H(2)(15)O dynamic PET and a linear least-squares method. Journal of Nuclear Medicine, 2005, 46, 1687-95.	5.0	15
131	Imaging of a localized bacterial infection with endogenous thymidine kinase using radioisotope-labeled nucleosides. International Journal of Medical Microbiology, 2012, 302, 101-107.	3.6	14
132	The Effectiveness of Recombinant Human Thyroid-Stimulating Hormone versus Thyroid Hormone Withdrawal Prior to Radioiodine Remnant Ablation in Thyroid Cancer: A Meta-Analysis of Randomized Controlled Trials. Journal of Korean Medical Science, 2014, 29, 811.	2.5	14
133	Correlation of 11C-methionine PET and diffusion-weighted MRI. Nuclear Medicine Communications, 2014, 35, 720-726.	1.1	14
134	Pixelized Measurement of 99mTc-HDP Micro Particles Formed in Gamma Correction Phantom Pinhole Scan: a Reference Study. Nuclear Medicine and Molecular Imaging, 2016, 50, 207-212.	1.0	14
135	Efficacy and Safety of Human Serum Albuminâ€“Cisplatin Complex in U87MG Xenograft Mouse Models. International Journal of Molecular Sciences, 2020, 21, 7932.	4.1	14
136	3â€²-Deoxy-3â€²-[18F]fluorothymidine and O-(2-[18F]fluoroethyl)-L-tyrosine PET in Patients with Suspicious Recurrence of Glioma after Multimodal Treatment: Initial Results of a Retrospective Comparative Study. Nuclear Medicine and Molecular Imaging, 2010, 44, 45-54.	1.0	13
137	Preoperative PET/CT standardized FDG uptake values of pelvic lymph nodes as a significant prognostic factor in patients with endometrial cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1793-1799.	6.4	13
138	Prediction of Recurrence by Preoperative Intratumoral FDG Uptake Heterogeneity in Endometrioid Endometrial Cancer. Translational Oncology, 2017, 10, 178-183.	3.7	13
139	Prediction of breast cancer recurrence using lymph node metabolic and volumetric parameters from 18F-FDG PET/CT in operable triple-negative breast cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1787-1795.	6.4	13
140	Development of 99mTc-Labeled Human Serum Albumin with Prolonged Circulation by Chelate-then-Click Approach: A Potential Blood Pool Imaging Agent. Molecular Pharmaceutics, 2019, 16, 1586-1595.	4.6	13
141	Identification of alternative protein targets of glutamate-ureido-lysine associated with PSMA tracer uptake in prostate cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
142	Syntheses of F-18 labeled fluoroalkyltyrosine derivatives and their biological evaluation in rat bearing 9L tumor. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 200-204.	2.2	12
143	Clinical significance of 18F-FDG uptake by primary sites in patients with diffuse large B cell lymphoma in the head and neck: a pilot study. Annals of Nuclear Medicine, 2008, 22, 645-651.	2.2	12
144	Clinical significance of 18F-FDG uptake by N2 lymph nodes in patients with resected stage IIIA N2 non-small-cell lung cancer: A retrospective study. Lung Cancer, 2008, 60, 69-74.	2.0	12

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145	Application of bioluminescence imaging to therapeutic intervention of herpes simplex virus type I â€“ Thymidine kinase/ganciclovir in glioma. Cancer Letters, 2010, 297, 84-90.	7.2	12
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