# Keon-Wook Kang

List of Publications by Year
in descending order

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| 235 | 8,022 | 41344 | 66911 |
|---|---|---|---|
| papers | citations | 49 h-index | 78 g-index |

| 255 | 255 | 255 | 11260 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparison of the accuracy of magnetic resonance imaging and positron emission tomography/computed tomography in the presurgical detection of lymph node metastases in patients with uterine cervical carcinoma. Cancer, 2006, 106, 914-922. | 4.1 | 310 |
| 2 | Prevalence and Risk of Cancer of Focal Thyroid Incidentaloma Identified by18F-Fluorodeoxyglucose Positron Emission Tomography for Metastasis Evaluation and Cancer Screening in Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4100-4104. | 3.6 | 264 |
| 3 | 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 |
| 4 | A Prospective Evaluation of<sup>18</sup>F-FDG and<sup>11</sup>C-Acetate PET/CT for Detection of Primary and Metastatic Hepatocellular Carcinoma. Journal of Nuclear Medicine, 2008, 49, 1912-1921. | 5.0 | 242 |
| 5 | 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 |
| 6 | Preclinical Efficacy of the c-Met Inhibitor CE-355621 in a U87 MG Mouse Xenograft Model Evaluated by <sup>18</sup>F-FDG Small-Animal PET. Journal of Nuclear Medicine, 2008, 49, 129-134. | 5.0 | 201 |
| 7 | Tumor Targeting and Imaging Using Cyclic RGDâ€PEGylated Gold Nanoparticle Probes with Directly Conjugated Iodineâ€125. Small, 2011, 7, 2052-2060. | 10.0 | 173 |
| 8 | Assessment of lymph node metastases using 18F-FDG PET in patients with advanced gastric cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 148-155. | 6.4 | 168 |
| 9 | Prediction of Tumor Recurrence by <sup>18</sup>F-FDG PET in Liver Transplantation for Hepatocellular Carcinoma. Journal of Nuclear Medicine, 2009, 50, 682-687. | 5.0 | 154 |
| 10 | Differentiating radiation necrosis from tumor recurrence in high-grade gliomas: Assessing the efficacy of 18F-FDG PET, 11C-methionine PET and perfusion MRI. Clinical Neurology and Neurosurgery, 2010, 112, 758-765. | 1.4 | 144 |
| 11 | Prognostic Value of Preoperative Metabolic Tumor Volume and Total Lesion Glycolysis in Patients with Epithelial Ovarian Cancer. Annals of Surgical Oncology, 2012, 19, 1966-1972. | 1.5 | 134 |
| 12 | Ultrasensitive, Biocompatible, Quantumâ€Dotâ€Embedded Silica Nanoparticles for Bioimaging. Advanced Functional Materials, 2012, 22, 1843-1849. | 14.9 | 123 |
| 13 | Prognostic value of metabolic tumor volume measured by FDG-PET/CT in patients with cervical cancer. Gynecologic Oncology, 2011, 120, 270-274. | 1.4 | 121 |
| 14 | Visualization of exosome-mediated miR-210 transfer from hypoxic tumor cells. Oncotarget, 2017, 8, 9899-9910. | 1.8 | 115 |
| 15 | Giant Magnetic Heat Induction of Magnesiumâ€Doped Î³â€Fe<sub>2</sub>O<sub>3</sub> Superparamagnetic Nanoparticles for Completely Killing Tumors. Advanced Materials, 2018, 30, 1704362. | 21.0 | 99 |
| 16 | Neuroendocrine differentiation of prostate cancer leads to PSMA suppression. Endocrine-Related Cancer, 2019, 26, 131-146. | 3.1 | 98 |
| 17 | Upregulated HSP27 in human breast cancer cells reduces Herceptin susceptibility by increasing Her2 protein stability. BMC Cancer, 2008, 8, 286. | 2.6 | 97 |
| 18 | Comparison of diffusion-weighted MR imaging and FDG PET/CT to predict pathological complete response to neoadjuvant chemotherapy in patients with breast cancer. European Radiology, 2012, 22, 18-25. | 4.5 | 91 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sentinel node identification rate, but not accuracy, is significantly decreased after pre-operative chemotherapy in axillary node-positive breast cancer patients. Breast Cancer Research and Treatment, 2007, 102, 283-288. | 2.5 | 87 |
| 20 | 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 |
| 21 | Near-Infrared Emitting Polymer Nanogels for Efficient Sentinel Lymph Node Mapping. ACS Nano, 2012, 6, 7820-7831. | 14.6 | 84 |
| 22 | Incidental ovarian 18F-FDG accumulation on PET: correlation with the menstrual cycle. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 757-763. | 6.4 | 81 |
| 23 | Role of positron emission tomography in pretreatment lymph node staging of uterine cervical cancer: A prospective surgicopathologic correlation study. European Journal of Cancer, 2005, 41, 2086-2092. | 2.8 | 81 |
| 24 | 18F-FDG uptake in breast cancer correlates with immunohistochemically defined subtypes. European Radiology, 2014, 24, 610-618. | 4.5 | 81 |
| 25 | 18F-FDG PET in the assessment of tumor grade and prediction of tumor recurrence in intracranial meningioma. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1574-1582. | 6.4 | 76 |
| 26 | Early Prediction of Response to First-Line Therapy Using Integrated 18F-FDG PET/CT for Patients with Advanced/Metastatic Non-small Cell Lung Cancer. Journal of Thoracic Oncology, 2009, 4, 816-821. | 1.1 | 76 |
| 27 | Fluorescence-Raman Dual Modal Endoscopic System for Multiplexed Molecular Diagnostics. Scientific Reports, 2015, 5, 9455. | 3.3 | 73 |
| 28 | Imaging sensitivity of dedicated positron emission mammography in relation to tumor size. Breast, 2012, 21, 66-71. | 2.2 | 72 |
| 29 | Physical limits of pure superparamagnetic Fe3O4 nanoparticles for a local hyperthermia agent in nanomedicine. Applied Physics Letters, 2012, 100, . | 3.3 | 71 |
| 30 | Intrathoracic Gastric Emptying of Solid Food After Esophagectomy for Esophageal Cancer. Annals of Thoracic Surgery, 2005, 80, 443-447. | 1.3 | 66 |
| 31 | Quantification of F-18 FDG PET Images in Temporal Lobe Epilepsy Patients Using Probabilistic Brain Atlas. NeuroImage, 2001, 14, 1-6. | 4.2 | 65 |
| 32 | Development of Korean Standard Brain Templates. Journal of Korean Medical Science, 2005, 20, 483. | 2.5 | 65 |
| 33 | Clinical impact of FDG-PET imaging in post-therapy surveillance of uterine cervical cancer: From diagnosis to prognosis. Gynecologic Oncology, 2006, 103, 165-170. | 1.4 | 65 |
| 34 | Correlation of breast cancer subtypes, based on estrogen receptor, progesterone receptor, and HER2, with functional imaging parameters from 68Ga-RGD PET/CT and 18F-FDG PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1534-1543. | 6.4 | 65 |
| 35 | Metabolic and metastatic characteristics of ALK-rearranged lung adenocarcinoma on FDG PET/CT. Lung Cancer, 2013, 79, 242-247. | 2.0 | 62 |
| 36 | Early metabolic response using FDG PET/CT and molecular phenotypes of breast cancer treated with neoadjuvant chemotherapy. BMC Cancer, 2011, 11, 452. | 2.6 | 61 |

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| 37 | 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 |
| 38 | 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 |
| 39 | Comparison of [14C]FMAU, [3H]FEAU, [14C]FIAU, and [3H]PCV for Monitoring Reporter Gene Expression of Wild Type and Mutant Herpes Simplex Virus Type 1 Thymidine Kinase in Cell Culture. Molecular Imaging and Biology, 2005, 7, 296-303. | 2.6 | 59 |
| 40 | Positron Emission Tomography-Computed Tomography for Postoperative Surveillance in Non-Small Cell Lung Cancer. Annals of Thoracic Surgery, 2011, 92, 1826-1832. | 1.3 | 58 |
| 41 | Near infrared dye indocyanine green doped silica nanoparticles for biological imaging. Talanta, 2012, 99, 387-393. | 5.5 | 58 |
| 42 | Colorectal Cancer Liver Metastases: Diagnostic Performance and Prognostic Value of PET/MR Imaging. Radiology, 2016, 280, 782-792. | 7.3 | 58 |
| 43 | PET/CT-Based Dosimetry in 90Y-Microsphere Selective Internal Radiation Therapy. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.0 | 54 |
| 44 | Development and in vivo imaging of a PET/MRI nanoprobe with enhanced NIR fluorescence by dye encapsulation. Nanomedicine, 2012, 7, 219-229. | 3.3 | 53 |
| 45 | Whole-Body Distribution and Radiation Dosimetry of<sup>68</sup>Ga-NOTA-RGD, a Positron Emission Tomography Agent for Angiogenesis Imaging. Cancer Biotherapy and Radiopharmaceuticals, 2012, 27, 65-71. | 1.0 | 52 |
| 46 | 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 |
| 47 | Differential Expression of Glucose Transporters and Hexokinases in Prostate Cancer with a Neuroendocrine Gene Signature: A Mechanistic Perspective for <sup>18</sup>F-FDG Imaging of PSMA-Suppressed Tumors. Journal of Nuclear Medicine, 2020, 61, 904-910. | 5.0 | 52 |
| 48 | Diagnostic Performance of [ 18 F]FDGâ€PET and Ictal [ 99m Tc]â€HMPAO SPECT in Occipital Lobe Epilepsy. Epilepsia, 2001, 42, 1531-1540. | 5.1 | 51 |
| 49 | Selection and Characterization of Tenascin C Targeting Peptide. Molecules and Cells, 2012, 33, 71-78. | 2.6 | 50 |
| 50 | Evaluation of the novel near-infrared fluorescence tracers pullulan polymer nanogel and indocyanine green/Î³-glutamic acid complex for sentinel lymph node navigation surgery in large animal models. Gastric Cancer, 2015, 18, 55-64. | 5.3 | 50 |
| 51 | Preoperative [18F]FDG PET/CT maximum standardized uptake value predicts recurrence of uterine cervical cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1467-1473. | 6.4 | 49 |
| 52 | 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 |
| 53 | Disparity of Perfusion and Glucose Metabolism of Epileptogenic Zones in Temporal Lobe Epilepsy Demonstrated by SPM/SPAM Analysis on 15 O Water PET, [ 18 F]FDGâ€PET, and [ 99m Tc]â€HMPAO SPECT. Epilepsia, 2001, 42, 1515-1522. | 5.1 | 48 |
| 54 | Metabolic Characteristics of Castleman Disease on 18F-FDG PET in Relation to Clinical Implication. Clinical Nuclear Medicine, 2013, 38, 339-342. | 1.3 | 47 |

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| 55 | 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 |
| 56 | Sodium Iodide Symporter and the Radioiodine Treatment of Thyroid Carcinoma. Nuclear Medicine and Molecular Imaging, 2010, 44, 4-14. | 1.0 | 45 |
| 57 | Role of magnetic resonance imaging and positron emission tomography/computed tomography in preoperative lymph node detection of uterine cervical cancer. American Journal of Obstetrics and Gynecology, 2010, 203, 156.e1-156.e5. | 1.3 | 45 |
| 58 | 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 |
| 59 | Secreted protein acidic and rich in cysteine mediates active targeting of human serum albumin in U87MG xenograft mouse models. Theranostics, 2019, 9, 7447-7457. | 10.0 | 45 |
| 60 | Does 18F-FDG Positron Emission Tomography-Computed Tomography Have a Role in Initial Staging of Hepatocellular Carcinoma?. PLoS ONE, 2014, 9, e105679. | 2.5 | 43 |
| 61 | Cancer screening using 18F-FDG PET/CT in Korean asymptomatic volunteers: a preliminary report. Annals of Nuclear Medicine, 2009, 23, 685-691. | 2.2 | 41 |
| 62 | Expanding therapeutic utility of carfilzomib for breast cancer therapy by novel albumin-coated nanocrystal formulation. Journal of Controlled Release, 2019, 302, 148-159. | 9.9 | 41 |
| 63 | Heterodimerization of Glycosylated Insulin-Like Growth Factor-1 Receptors and Insulin Receptors in Cancer Cells Sensitive to Anti-IGF1R Antibody. PLoS ONE, 2012, 7, e33322. | 2.5 | 41 |
| 64 | Whole-Body Voxel-Based Personalized Dosimetry: The Multiple Voxel S-Value Approach for Heterogeneous Media with Nonuniform Activity Distributions. Journal of Nuclear Medicine, 2018, 59, 1133-1139. | 5.0 | 40 |
| 65 | Tumor immune profiles noninvasively estimated by FDG PET with deep learning correlate with immunotherapy response in lung adenocarcinoma. Theranostics, 2020, 10, 10838-10848. | 10.0 | 39 |
| 66 | 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 |
| 67 | GPR119: a promising target for nonalcoholic fatty liver disease. FASEB Journal, 2016, 30, 324-335. | 0.5 | 38 |
| 68 | 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 |
| 69 | Prediction of Posttransplantation Recurrence of Hepatocellular Carcinoma Using Metabolic and Volumetric Indices of <sup>18</sup>F-FDG PET/CT. Journal of Nuclear Medicine, 2016, 57, 1045-1051. | 5.0 | 37 |
| 70 | 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 |
| 71 | Correlation between 18F-FDG uptake on PET/CT and prognostic factors in triple-negative breast cancer. European Radiology, 2015, 25, 3314-3321. | 4.5 | 34 |
| 72 | 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 |

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| 73 | Value of Combined Interpretation of Computed Tomography Response and Positron Emission Tomography Response for Prediction of Prognosis After Neoadjuvant Chemotherapy in Non-small Cell Lung Cancer. Journal of Thoracic Oncology, 2010, 5, 497-503. | 1.1 | 33 |
| 74 | The assessment of breast cancer response to neoadjuvant chemotherapy: comparison of magnetic resonance imaging and <sup>18</sup>F-fluorodeoxyglucose positron emission tomography. Acta Radiologica, 2011, 52, 21-28. | 1.1 | 33 |
| 75 | Ischemia-Reperfusion Injury Leads to Distinct Temporal Cardiac Remodeling in Normal versus Diabetic Mice. PLoS ONE, 2012, 7, e30450. | 2.5 | 33 |
| 76 | Simultaneous Detection of EGFR and VEGF in Colorectal Cancer using Fluorescence-Raman Endoscopy. Scientific Reports, 2017, 7, 1035. | 3.3 | 33 |
| 77 | Preoperative [<sup>18</sup>F]FDG PET/CT predicts recurrence in patients with epithelial ovarian cancer. Journal of Gynecologic Oncology, 2012, 23, 28. | 2.2 | 32 |
| 78 | 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 |
| 79 | 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 |
| 80 | EGFR gene copy number in adenocarcinoma of the lung by FISH analysis: Investigation of significantly related factors on CT, FDG-PET, and histopathology. Lung Cancer, 2009, 64, 179-186. | 2.0 | 31 |
| 81 | Imaging and quantification of metastatic melanoma cells in lymph nodes with a ferritin MR reporter in living mice. NMR in Biomedicine, 2012, 25, 737-745. | 2.8 | 31 |
| 82 | Initial M Staging of Rectal Cancer: FDG PET/MRI with a Hepatocyte-specific Contrast Agent versus Contrast-enhanced CT. Radiology, 2020, 294, 310-319. | 7.3 | 31 |
| 83 | In Vivo Imaging of Sentinel Nodes Using Fluorescent Silica Nanoparticles in Living Mice. Molecular Imaging and Biology, 2010, 12, 155-162. | 2.6 | 30 |
| 84 | Glycosylation of Sodium/Iodide Symporter (NIS) Regulates Its Membrane Translocation and Radioiodine Uptake. PLoS ONE, 2015, 10, e0142984. | 2.5 | 30 |
| 85 | 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 |
| 86 | The risk of second primary malignancy is increased in differentiated thyroid cancer patients with a cumulative <sup>131</sup>I dose over 37 <scp>GB</scp>q. Clinical Endocrinology, 2015, 83, 117-123. | 2.4 | 29 |
| 87 | 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 |
| 88 | Superiority of HMPAO Ictal SPECT to ECD Ictal SPECT in Localizing the Epileptogenic Zone. Epilepsia, 2002, 43, 263-269. | 5.1 | 28 |
| 89 | 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 |
| 90 | Late postictal residual perfusion abnormality in epileptogenic zone found on 6-hour postictal SPECT. Neurology, 2000, 55, 835-841. | 1.1 | 27 |

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| 91 | 18F-FDG PET/CT features of pulmonary sclerosing hemangioma. Acta Radiologica, 2013, 54, 24-29. | 1.1 | 27 |
| 92 | Dihydropyrimidine Dehydrogenase Is a Prognostic Marker for Mesenchymal Stem Cell-Mediated Cytosine Deaminase Gene and 5-Fluorocytosine Prodrug Therapy for the Treatment of Recurrent Gliomas. Theranostics, 2016, 6, 1477-1490. | 10.0 | 27 |
| 93 | Gray matter correlates of dopaminergic degeneration in <scp>P</scp>arkinson's disease: A hybrid <scp>PET/MR</scp> study using <sup>18</sup><scp>F</scp>â€<scp>FP</scp>â€<scp>CIT</scp>. Human Brain Mapping, 2016, 37, 1710-1721. | 3.6 | 27 |
| 94 | Predictive role of post-treatment [18F]FDG PET/CT in patients with uterine cervical cancer. European Journal of Radiology, 2012, 81, e817-e822. | 2.6 | 26 |
| 95 | Angiogenesis imaging in myocardial infarction using 68Ga-NOTA-RGD PET. Coronary Artery Disease, 2013, 24, 303-311. | 0.7 | 26 |
| 96 | Functional evaluation of parathyroid adenoma using 99mTc-MIBI parathyroid SPECT/CT. Nuclear Medicine Communications, 2014, 35, 649-654. | 1.1 | 26 |
| 97 | Total Lesion Glycolysis in Positron Emission Tomography Can Predict Gefitinib Outcomes in Nonâ€“Small-Cell Lung Cancer with Activating EGFR Mutation. Journal of Thoracic Oncology, 2015, 10, 1189-1194. | 1.1 | 26 |
| 98 | One-step detection of circulating tumor cells in ovarian cancer using enhanced fluorescent silica nanoparticles. International Journal of Nanomedicine, 2013, 8, 2247. | 6.7 | 25 |
| 99 | 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 |
| 100 | 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 |
| 101 | Background 18F-FDG uptake in positron emission mammography (PEM): Correlation with mammographic density and background parenchymal enhancement in breast MRI. European Journal of Radiology, 2013, 82, 1738-1742. | 2.6 | 24 |
| 102 | Segmentation-Based MR Attenuation Correction Including Bones Also Affects Quantitation in Brain Studies: An Initial Result of <sup>18</sup>F-FP-CIT PET/MR for Patients with Parkinsonism. Journal of Nuclear Medicine, 2014, 55, 1617-1622. | 5.0 | 24 |
| 103 | Comprehensive gene expression analysis for exploring the association between glucose metabolism and differentiation of thyroid cancer. BMC Cancer, 2019, 19, 1260. | 2.6 | 24 |
| 104 | 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 |
| 105 | <sup>18</sup>F-FEDAC as a Targeting Agent for Activated Macrophages in DBA/1 Mice with Collagen-Induced Arthritis: Comparison with <sup>18</sup>F-FDG. Journal of Nuclear Medicine, 2018, 59, 839-845. | 5.0 | 23 |
| 106 | Diagnostic Performance of Three-Phase Bone Scan for Complex Regional Pain Syndrome Type 1 with Optimally Modified Image Criteria. Nuclear Medicine and Molecular Imaging, 2011, 45, 261-267. | 1.0 | 22 |
| 107 | Differential Diagnosis of Borderline Ovarian Tumors from Stage I Malignant Ovarian Tumors using FDG PET/CT. Nuclear Medicine and Molecular Imaging, 2013, 47, 81-88. | 1.0 | 22 |
| 108 | Amyloid PET Quantification Via End-to-End Training of a Deep Learning. Nuclear Medicine and Molecular Imaging, 2019, 53, 340-348. | 1.0 | 22 |

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|---|---|---|---|
| 109 | 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 |
| 110 | Codon-optimized Human Sodium Iodide Symporter (opt-hNIS) as a Sensitive Reporter and Efficient Therapeutic Gene. Theranostics, 2015, 5, 86-96. | 10.0 | 21 |
| 111 | Association between information provision and decisional conflict in cancer patients. Annals of Oncology, 2015, 26, 1974-1980. | 1.2 | 21 |
| 112 | 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 |
| 113 | Versatile and Finely Tuned Albumin Nanoplatform based on Click Chemistry. Theranostics, 2019, 9, 3398-3409. | 10.0 | 21 |
| 114 | Superior Treatment Response and In-field Tumor Control in Epidermal Growth Factor Receptor-mutant Genotype of Stage III Nonsquamous Nonâ€“Small cell Lung Cancer Undergoing Definitive Concurrent Chemoradiotherapy. Clinical Lung Cancer, 2017, 18, e169-e178. | 2.6 | 20 |
| 115 | FDG PET for Evaluation of Bone Marrow Status in T-Cell Lymphoma. Clinical Nuclear Medicine, 2019, 44, 4-10. | 1.3 | 20 |
| 116 | Alternative Medical Treatment for Radioiodine-Refractory Thyroid Cancers. Nuclear Medicine and Molecular Imaging, 2011, 45, 241-247. | 1.0 | 18 |
| 117 | In Vivo Evaluation of Angiogenic Activity and Its Correlation with Efficacy of Indirect Revascularization Surgery in Pediatric Moyamoya Disease. Journal of Nuclear Medicine, 2014, 55, 1467-1472. | 5.0 | 18 |
| 118 | Prognostic Value of SUVmean in Oropharyngeal and Hypopharyngeal Cancers. Clinical Nuclear Medicine, 2015, 40, 9-13. | 1.3 | 18 |
| 119 | FDG PET/CT for the early prediction of RAI therapy response in patients with metastatic differentiated thyroid carcinoma. PLoS ONE, 2019, 14, e0218416. | 2.5 | 18 |
| 120 | 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 |
| 121 | Predictive value of FDG PET/CT for pathologic axillary node involvement after neoadjuvant chemotherapy. Breast Cancer, 2013, 20, 167-173. | 2.9 | 17 |
| 122 | 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 |
| 123 | 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 |
| 124 | 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 |
| 125 | Simple Pulmonary Eosinophilia Evaluated by Means of FDG PET: the Findings of 14 Cases. Korean Journal of Radiology, 2005, 6, 208. | 3.4 | 16 |
| 126 | Diagnostic performance of 18F-FDG-labeled white blood cell PET/CT for cyst infection in patients with autosomal dominant polycystic kidney disease. Nuclear Medicine Communications, 2016, 37, 493-498. | 1.1 | 16 |

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|---|---|---|---|
| 127 | 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 |
| 128 | Diagnostic Reference Levels for Adult Nuclear Medicine Imaging Established from the National Survey in Korea. Nuclear Medicine and Molecular Imaging, 2019, 53, 64-70. | 1.0 | 16 |
| 129 | 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 |
| 130 | [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 |
| 131 | Post-treatment [18F]FDG maximum standardized uptake value as a prognostic marker of recurrence in endometrial carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 74-80. | 6.4 | 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 | Early prediction of response to neoadjuvant chemotherapy in breast cancer patients: comparison of single-voxel 1H-magnetic resonance spectroscopy and 18F-fluorodeoxyglucose positron emission tomography. European Radiology, 2016, 26, 2279-2290. | 4.5 | 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 | Orotic Acid Induces Hypertension Associated with Impaired Endothelial Nitric Oxide Synthesis. Toxicological Sciences, 2015, 144, 307-317. | 3.1 | 13 |
| 137 | Radionuclide-labeled nanostructures for In Vivo imaging of cancer. Nano Convergence, 2015, 2, . | 12.1 | 13 |
| 138 | Prospective investigation and literature review of tolerance dose on salivary glands using quantitative salivary gland scintigraphy in the intensityâ€•modulated radiotherapy era. Head and Neck, 2016, 38, E1746-55. | 2.0 | 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 | International consensus on the use of [18F]-FDG PET/CT in pediatric patients affected by epilepsy. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3827-3834. | 6.4 | 13 |
| 142 | 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 |
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