

Irene A Burger

List of Publications by Year in descending order

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Version: 2024-02-01

137
papers

4,478
citations

109321

35
h-index

133252

59
g-index

145
all docs

145
docs citations

145
times ranked

5116
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | [18F]FDG uptake of axillary lymph nodes after COVID-19 vaccination in oncological PET/CT: frequency, intensity, and potential clinical impact. <i>European Radiology</i> , 2022, 32, 508-516. | 4.5 | 41 |
| 2 | Hot needles can confirm accurate lesion sampling intraoperatively using [18F]PSMA-1007 PET/CT-guided biopsy in patients with suspected prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1721-1730. | 6.4 | 11 |
| 3 | Primary staging in patients with intermediate- and high-risk prostate cancer: Multiparametric MRI and 68Ga-PSMA-PET/MRI – What is the value of quantitative data from multiparametric MRI alone or in conjunction with clinical information?. <i>European Journal of Radiology</i> , 2022, 146, 110044. | 2.6 | 9 |
| 4 | Frequency and intensity of [¹⁸ F]-PSMA-1007 uptake after COVID-19 vaccination in clinical PET. <i>BJR Open</i> , 2022, 4, . | 0.6 | 1 |
| 5 | [68Ga]DOTATOC PET/CT Radiomics to Predict the Response in GEP-NETs Undergoing [177Lu]DOTATOC PRRT: The “Theragnostics”-Concept. <i>Cancers</i> , 2022, 14, 984. | 3.7 | 18 |
| 6 | Highlights of the 34th EANM Annual Congress 2021, 2nd virtual edition: “FROM HAMBURG WITH LOVE” <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1435-1441. | 6.4 | 1 |
| 7 | PSMA and Choline PET for the Assessment of Response to Therapy and Survival Outcomes in Prostate Cancer Patients: A Systematic Review from the Literature. <i>Cancers</i> , 2022, 14, 1770. | 3.7 | 21 |
| 8 | Artificial Intelligence Applications on Restaging [18F]FDG PET/CT in Metastatic Colorectal Cancer: A Preliminary Report of Morpho-Functional Radiomics Classification for Prediction of Disease Outcome. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2941. | 2.5 | 11 |
| 9 | Infiltrative growth pattern of prostate cancer is associated with lower uptake on PSMA PET and reduced diffusion restriction on mpMRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3917-3928. | 6.4 | 10 |
| 10 | Quantitative imaging parameters to predict the local staging of prostate cancer in intermediate- to high-risk patients. <i>Insights Into Imaging</i> , 2022, 13, 75. | 3.4 | 8 |
| 11 | Immunohistochemical Expression Pattern of Theragnostic Targets SSTR2 and PSMA in Endolymphatic Sac Tumors: A Single Institution Case Series. <i>Head and Neck Pathology</i> , 2022, , . | 2.6 | 1 |
| 12 | Radiomics and artificial intelligence in prostate cancer: new tools for molecular hybrid imaging and theragnostics. <i>European Radiology Experimental</i> , 2022, 6, . | 3.4 | 28 |
| 13 | 68Ga-PSMA-11 PET/MRI versus multiparametric MRI in men referred for prostate biopsy: primary tumour localization and interreader agreement. <i>European Journal of Hybrid Imaging</i> , 2022, 6, . | 1.5 | 5 |
| 14 | Improved oncological outcome after radical prostatectomy in patients staged with 68Ga-PSMA-11 PET: a single-center retrospective cohort comparison. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1219-1228. | 6.4 | 8 |
| 15 | Relation of diet-induced thermogenesis to brown adipose tissue activity in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E93-E101. | 3.5 | 20 |
| 16 | Prostate-specific Membrane Antigen Positron Emission Tomography–detected Oligorecurrent Prostate Cancer Treated with Metastases-directed Radiotherapy: Role of Addition and Duration of Androgen Deprivation. <i>European Urology Focus</i> , 2021, 7, 309-316. | 3.1 | 34 |
| 17 | Whole-body parametric [18F]-FDG PET/CT improves interpretation of a distant lesion as venous embolus in a lung cancer patient. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2047-2048. | 6.4 | 3 |
| 18 | Diagnostic performance of 68Ga-PSMA-11 PET/MRI-guided biopsy in patients with suspected prostate cancer: a prospective single-center study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3315-3324. | 6.4 | 47 |

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|----|---|-----|-----------|
| 19 | PET/CT in therapy control of infective native aortic aneurysms. <i>Scientific Reports</i> , 2021, 11, 5065. | 3.3 | 9 |
| 20 | Value of bowel preparation techniques for prostate MRI: a preliminary study. <i>Abdominal Radiology</i> , 2021, 46, 4002-4013. | 2.1 | 10 |
| 21 | A pilot study on lung cancer detection based on regional metabolic activity distribution in digital low-dose 18F-FDG PET. <i>British Journal of Radiology</i> , 2021, 94, 20200244. | 2.2 | 1 |
| 22 | Combined use of peptide receptor radionuclide therapy and metronomic chemotherapy in neuroendocrine tumors: a possible choice driven by nuclear medicine molecular imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3041-3042. | 6.4 | 1 |
| 23 | The Future of Cancer Diagnosis, Treatment and Surveillance: A Systemic Review on Immunotherapy and Immuno-PET Radiotracers. <i>Molecules</i> , 2021, 26, 2201. | 3.8 | 23 |
| 24 | Impact of short-term Dutasteride treatment on prostate-specific membrane antigen expression in a mouse xenograft model. <i>Cancer Reports</i> , 2021, 4, e1418. | 1.4 | 2 |
| 25 | Malignancy Rate of Indeterminate Findings on FDG-PET/CT in Cutaneous Melanoma Patients. <i>Diagnostics</i> , 2021, 11, 883. | 2.6 | 3 |
| 26 | Focal unspecific bone uptake on [18F]-PSMA-1007 PET: a multicenter retrospective evaluation of the distribution, frequency, and quantitative parameters of a potential pitfall in prostate cancer imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4483-4494. | 6.4 | 65 |
| 27 | 68Ga-PSMA-11 PET imaging in patients with ongoing androgen deprivation therapy for advanced prostate cancer. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1109-1116. | 2.2 | 8 |
| 28 | Free Thyroxine Levels are Associated with Cold Induced Thermogenesis in Healthy Euthyroid Individuals. <i>Frontiers in Endocrinology</i> , 2021, 12, 666595. | 3.5 | 6 |
| 29 | Prediction of Early Response to Immune Checkpoint Inhibition Using FDG-PET/CT in Melanoma Patients. <i>Cancers</i> , 2021, 13, 3830. | 3.7 | 12 |
| 30 | What's behind 68Ga-PSMA-11 uptake in primary prostate cancer PET? Investigation of histopathological parameters and immunohistochemical PSMA expression patterns. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4042-4053. | 6.4 | 47 |
| 31 | When SUV Matters: FDG PET/CT at Baseline Correlates with Survival in Soft Tissue and Ewing Sarcoma. <i>Life</i> , 2021, 11, 869. | 2.4 | 7 |
| 32 | Subcutaneous Uptake on [18F]Florbetaben PET/CT: a Case Report of Possible Amyloid-Beta Immune-Reactivity After COVID-19 Vaccination. <i>SN Comprehensive Clinical Medicine</i> , 2021, , 1-3. | 0.6 | 5 |
| 33 | Histology of the pleural rind at [18F]FDG PET/CT hot and cold spots in mesothelioma patients after talc pleurodesis and neoadjuvant chemotherapy. <i>Pathology Research and Practice</i> , 2021, 228, 153660. | 2.3 | 1 |
| 34 | Emerging applications of imaging in glioma: focus on PET/MRI and radiomics. <i>Clinical and Translational Imaging</i> , 2021, 9, 609. | 2.1 | 1 |
| 35 | Fluvastatin Reduces Glucose Tolerance in Healthy Young Individuals Independently of Cold Induced BAT Activity. <i>Frontiers in Endocrinology</i> , 2021, 12, 765807. | 3.5 | 2 |
| 36 | Detection Rate and Localization of Prostate Cancer Recurrence Using ⁶⁸ Ga-PSMA-11 PET/MRI in Patients with Low PSA Values \leq 0.5 ng/mL. <i>Journal of Nuclear Medicine</i> , 2020, 61, 194-201. | 5.0 | 39 |

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|----|---|------|-----------|
| 37 | Association between vertebral bone mineral density, myocardial perfusion, and long-term cardiovascular outcomes: A sex-specific analysis. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 726-736. | 2.1 | 7 |
| 38 | ⁶⁸ Ga-PSMA-11 PET has the potential to improve patient selection for extended pelvic lymph node dissection in intermediate to high-risk prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 147-159. | 6.4 | 43 |
| 39 | Sex-dependent association between inflammation, neural stress responses, and impaired myocardial function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2010-2015. | 6.4 | 19 |
| 40 | Artificial intelligence for detecting small FDG-positive lung nodules in digital PET/CT: impact of image reconstructions on diagnostic performance. <i>European Radiology</i> , 2020, 30, 2031-2040. | 4.5 | 39 |
| 41 | Impact of ⁶⁸ Ga-PSMA-11 PET staging on clinical decision-making in patients with intermediate or high-risk prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 652-664. | 6.4 | 38 |
| 42 | Brown fat does not cause cachexia in cancer patients: A large retrospective longitudinal FDG-PET/CT cohort study. <i>PLoS ONE</i> , 2020, 15, e0239990. | 2.5 | 16 |
| 43 | Enhanced prognostic stratification of neoadjuvant treated lung squamous cell carcinoma by computationally-guided tumor regression scoring. <i>Lung Cancer</i> , 2020, 147, 49-55. | 2.0 | 1 |
| 44 | Myocardial ¹⁸ F-FDG Uptake Pattern for Cardiovascular Risk Stratification in Patients Undergoing Oncologic PET/CT. <i>Journal of Clinical Medicine</i> , 2020, 9, 2279. | 2.4 | 14 |
| 45 | Immunohistochemical PSMA expression patterns of primary prostate cancer tissue are associated with the detection rate of biochemical recurrence with ⁶⁸ Ga-PSMA-11-PET. <i>Theranostics</i> , 2020, 10, 6082-6094. | 10.0 | 46 |
| 46 | Prognostic risk classification for biochemical relapse-free survival in patients with oligorecurrent prostate cancer after [⁶⁸ Ga]PSMA-PET-guided metastasis-directed therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2328-2338. | 6.4 | 13 |
| 47 | Prostate Cancer. <i>Topics in Magnetic Resonance Imaging</i> , 2020, 29, 59-66. | 1.2 | 3 |
| 48 | ⁶⁸ Ga-PSMA-11 dose reduction for dedicated pelvic imaging with simultaneous PET/MR using TOF BSREM reconstructions. <i>European Radiology</i> , 2020, 30, 3188-3197. | 4.5 | 10 |
| 49 | Potential Clinical Applications of PET/MR. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 293-299. | 3.7 | 8 |
| 50 | Is there a role for lung perfusion [^{99m} Tc]-MAA SPECT/CT to rule out pulmonary embolism in COVID-19 patients with contraindications for iodine contrast?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2062-2063. | 6.4 | 21 |
| 51 | Efficacy of PSMA ligand PET-based radiotherapy for recurrent prostate cancer after radical prostatectomy and salvage radiotherapy. <i>BMC Cancer</i> , 2020, 20, 362. | 2.6 | 20 |
| 52 | Cold Exposure Distinctively Modulates Parathyroid and Thyroid Hormones in Cold-Acclimatized and Non-Acclimatized Humans. <i>Endocrinology</i> , 2020, 161, . | 2.8 | 16 |
| 53 | Lung perfusion [^{99m} Tc]-MAA SPECT/CT to rule out pulmonary embolism in COVID-19 patients with contraindications for iodine contrast. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2209-2210. | 6.4 | 15 |
| 54 | Diagnostic Accuracy of PET/CT and Contrast Enhanced CT in Patients With Suspected Infected Aortic Aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 972-981. | 1.5 | 26 |

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|----|---|------|-----------|
| 55 | Radiation dosimetry of 18F-AzaFol: A first in-human use of a folate receptor PET tracer. <i>EJNMMI Research</i> , 2020, 10, 32. | 2.5 | 23 |
| 56 | Low-dose 18F-FDG TOF-PET/MR for accurate quantification of brown adipose tissue in healthy volunteers. <i>EJNMMI Research</i> , 2020, 10, 5. | 2.5 | 7 |
| 57 | Metal artifact reduction in 68Ga-PSMA-11 PET/MRI for prostate cancer patients with hip joint replacement using multiacquisition variable-resonance image combination. <i>European Journal of Hybrid Imaging</i> , 2020, 4, 6. | 1.5 | 2 |
| 58 | Prostate-specific membrane antigen positron emission tomography (PSMA-PET) for local staging of prostate cancer: a systematic review and meta-analysis. <i>European Journal of Hybrid Imaging</i> , 2020, 4, 16. | 1.5 | 17 |
| 59 | Current and potential future role of PSMA-PET in patients with castration-resistant prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 457-467. | 2.2 | 19 |
| 60 | Sex Differences in the Association between Inflammation and Ischemic Heart Disease. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1471-1480. | 3.4 | 22 |
| 61 | Multimodality Imaging of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1350-1358. | 5.0 | 51 |
| 62 | Diagnostic Accuracy of Multiparametric MRI versus ⁶⁸ Ga-PSMA-11 PET/MRI for Extracapsular Extension and Seminal Vesicle Invasion in Patients with Prostate Cancer. <i>Radiology</i> , 2019, 293, 350-358. | 7.3 | 80 |
| 63 | Metabolic Activity in Central Neural Structures of Patients With Myocardial Injury. <i>Journal of the American Heart Association</i> , 2019, 8, e013070. | 3.7 | 4 |
| 64 | ⁶⁸ Ga-PSMA-11 PET/MR Detects Local Recurrence Occult on mpMRI in Prostate Cancer Patients After HIFU. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1118-1123. | 5.0 | 30 |
| 65 | Impact of different image reconstructions on PET quantification in non-small cell lung cancer: a comparison of adenocarcinoma and squamous cell carcinoma. <i>British Journal of Radiology</i> , 2019, 92, 20180792. | 2.2 | 20 |
| 66 | Concentration-dependent effects of dutasteride on prostate-specific membrane antigen (PSMA) expression and uptake of ¹⁷⁷ Lu-PSMA-617 in LNCaP cells. <i>Prostate</i> , 2019, 79, 1477-1483. | 2.3 | 5 |
| 67 | Assessment of ⁶⁸ Ga-PSMA-11 PET Accuracy in Localizing Recurrent Prostate Cancer. <i>JAMA Oncology</i> , 2019, 5, 856. | 7.1 | 493 |
| 68 | Association between resting amygdalar activity and abnormal cardiac function in women and men: a retrospective cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 625-632. | 1.2 | 24 |
| 69 | First Clinicopathologic Evidence of a Non-PSMA-Related Uptake Mechanism for ⁶⁸ Ga-PSMA-11 in Salivary Glands. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1270-1276. | 5.0 | 70 |
| 70 | ⁶⁸ Ga-PSMA-11 PET/MR Can Be False Positive in Normal Prostatic Tissue. <i>Clinical Nuclear Medicine</i> , 2019, 44, e291-e293. | 1.3 | 14 |
| 71 | Inhibition of Mevalonate Pathway Prevents Adipocyte Browning in Mice and Men by Affecting Protein Prenylation. <i>Cell Metabolism</i> , 2019, 29, 901-916.e8. | 16.2 | 59 |
| 72 | Comparing diagnostic accuracy of 18F-FDG-PET/CT, contrast enhanced CT and combined imaging in patients with suspected vascular graft infections. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1359-1368. | 6.4 | 28 |

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|----|---|------|-----------|
| 73 | Clinical impact of 68Ga-PSMA-11 PET on patient management and outcome, including all patients referred for an increase in PSA level during the first year after its clinical introduction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 889-900. | 6.4 | 44 |
| 74 | The central zone has increased 68Ga-PSMA-11 uptake: “Mickey Mouse ears” can be hot on 68Ga-PSMA-11 PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1335-1343. | 6.4 | 25 |
| 75 | Pharmacological upregulation of prostate-specific membrane antigen (PSMA) expression in prostate cancer cells. <i>Prostate</i> , 2018, 78, 758-765. | 2.3 | 48 |
| 76 | 18F-Choline PET/MR Can Detect and Delineate Local Recurrence After High-Intensity Focused Ultrasound Therapy of Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2018, 43, e111-e112. | 1.3 | 2 |
| 77 | Value of 18F-FET PET in adult brainstem glioma. <i>Clinical Imaging</i> , 2018, 51, 68-75. | 1.5 | 8 |
| 78 | PET/MRI: Reliability/Reproducibility of SUV Measurements. , 2018, , 97-114. | | 0 |
| 79 | Clinical performance of 68Ga-PSMA-11 PET/MRI for the detection of recurrent prostate cancer following radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 20-30. | 6.4 | 72 |
| 80 | Impact of a Bayesian penalized likelihood reconstruction algorithm on image quality in novel digital PET/CT: clinical implications for the assessment of lung tumors. <i>EJNMMI Physics</i> , 2018, 5, 27. | 2.7 | 51 |
| 81 | Impact of time-of-flight PET on quantification accuracy and lesion detection in simultaneous 18F-choline PET/MRI for prostate cancer. <i>EJNMMI Research</i> , 2018, 8, 41. | 2.5 | 12 |
| 82 | Automated detection of lung cancer at ultralow dose PET/CT by deep neural networks “ Initial results. <i>Lung Cancer</i> , 2018, 126, 170-173. | 2.0 | 90 |
| 83 | Quantitative performance and optimal regularization parameter in block sequential regularized expectation maximization reconstructions in clinical 68Ga-PSMA PET/MR. <i>EJNMMI Research</i> , 2018, 8, 70. | 2.5 | 36 |
| 84 | Age- and sex-dependent changes in sympathetic activity of the left ventricular apex assessed by 18F-DOPA PET imaging. <i>PLoS ONE</i> , 2018, 13, e0202302. | 2.5 | 29 |
| 85 | Outdoor Temperature Influences Cold Induced Thermogenesis in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1184. | 2.8 | 28 |
| 86 | New observations in tumor cell plasticity: mutational profiling in a case of metastatic melanoma with biphasic sarcomatoid transdifferentiation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 473, 517-521. | 2.8 | 8 |
| 87 | The role of FDG PET/CT in therapy control of aortic graft infection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1987-1997. | 6.4 | 32 |
| 88 | Cold-induced epigenetic programming of the sperm enhances brown adipose tissue activity in the offspring. <i>Nature Medicine</i> , 2018, 24, 1372-1383. | 30.7 | 87 |
| 89 | Report of an abscopal effect induced by stereotactic body radiotherapy and nivolumab in a patient with metastatic non-small cell lung cancer. <i>Radiation Oncology</i> , 2018, 13, 102. | 2.7 | 44 |
| 90 | Feasibility of ¹⁸ F-FDG Dose Reductions in Breast Cancer PET/MRI. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1817-1822. | 5.0 | 14 |

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|-----|--|-----|-----------|
| 109 | Feasibility of In Situ, High-Resolution Correlation of Tracer Uptake with Histopathology by Quantitative Autoradiography of Biopsy Specimens Obtained Under ¹⁸ F-FDG PET/CT Guidance. <i>Journal of Nuclear Medicine</i> , 2015, 56, 538-544. | 5.0 | 28 |
| 110 | Incorporation of postoperative CT data into clinical models to predict 5-year overall and recurrence free survival after primary cytoreductive surgery for advanced ovarian cancer. <i>Gynecologic Oncology</i> , 2015, 138, 554-559. | 1.4 | 16 |
| 111 | Hybrid PET/MR Imaging: An Algorithm to Reduce Metal Artifacts from Dental Implants in Dixon-Based Attenuation Map Generation Using a Multiacquisition Variable-Resonance Image Combination Sequence. <i>Journal of Nuclear Medicine</i> , 2015, 56, 93-97. | 5.0 | 28 |
| 112 | Whole-Body Nonenhanced PET/MR versus PET/CT in the Staging and Restaging of Cancers: Preliminary Observations. <i>Radiology</i> , 2014, 273, 859-869. | 7.3 | 78 |
| 113 | Assessing and accounting for the impact of respiratory motion on FDG uptake and viable volume for liver lesions in free-breathing PET using respiration-suspended PET images as reference. <i>Medical Physics</i> , 2014, 41, 091905. | 3.0 | 17 |
| 114 | Metal artifact reduction in patients with dental implants using multispectral three-dimensional data acquisition for hybrid PET/MRI. <i>EJNMMI Physics</i> , 2014, 1, 102. | 2.7 | 36 |
| 115 | How to assess background activity. <i>Nuclear Medicine Communications</i> , 2014, 35, 316-324. | 1.1 | 14 |
| 116 | PET quantification with a histogram derived total activity metric: Superior quantitative consistency compared to total lesion glycolysis with absolute or relative SUV thresholds in phantoms and lung cancer patients. <i>Nuclear Medicine and Biology</i> , 2014, 41, 410-418. | 0.6 | 33 |
| 117 | First Clinical Results of (d)- ¹⁸ F-Fluoromethyltyrosine (BAY 86-9596) PET/CT in Patients with Non-Small Cell Lung Cancer and Head and Neck Squamous Cell Carcinoma. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1778-1785. | 5.0 | 19 |
| 118 | Combined pre-treatment MRI and ¹⁸ F-FDG PET/CT parameters as prognostic biomarkers in patients with cervical cancer. <i>European Journal of Radiology</i> , 2014, 83, 1169-1176. | 2.6 | 109 |
| 119 | Correlation between therapy response assessment using FDG PET/CT and histopathologic tumor regression grade in hepatic metastasis of colorectal carcinoma after neoadjuvant therapy. <i>Annals of Nuclear Medicine</i> , 2013, 27, 177-183. | 2.2 | 12 |
| 120 | The impact of systemic chemotherapy on testicular FDG activity in young men with Hodgkin's lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 701-707. | 6.4 | 2 |
| 121 | The value of ¹⁸ F-FDG PET/CT in recurrent gynecologic malignancies prior to pelvic exenteration. <i>Gynecologic Oncology</i> , 2013, 129, 586-592. | 1.4 | 40 |
| 122 | Magnetic Resonance Imaging/Positron Emission Tomography Provides a Roadmap for Surgical Planning and Serves as a Predictive Biomarker in Patients With Recurrent Gynecological Cancers Undergoing Pelvic Exenteration. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 1512-1519. | 2.5 | 28 |
| 123 | Pain-Related F-18 FDG Uptake of the Corrugator Supercilii Muscles in PET/CT. <i>Clinical Nuclear Medicine</i> , 2012, 37, e11-e12. | 1.3 | 1 |
| 124 | Repeatability of FDG quantification in tumor imaging: averaged SUVs are superior to SUVmax. <i>Nuclear Medicine and Biology</i> , 2012, 39, 666-670. | 0.6 | 33 |
| 125 | PET/MR imaging of bone lesions – implications for PET quantification from imperfect attenuation correction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1154-1160. | 6.4 | 237 |
| 126 | Rapid cardiac hybrid imaging with minimized radiation dose for accurate non-invasive assessment of ischemic coronary artery disease. <i>International Journal of Cardiology</i> , 2011, 153, 10-13. | 1.7 | 16 |

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|-----|---|-----|-----------|
| 127 | Simplified quantification of FDG metabolism in tumors using the autoradiographic method is less dependent on the acquisition time than SUV. <i>Nuclear Medicine and Biology</i> , 2011, 38, 835-841. | 0.6 | 10 |
| 128 | Incidence and Intensity of F-18 FDG Uptake After Vaccination With H1N1 Vaccine. <i>Clinical Nuclear Medicine</i> , 2011, 36, 848-853. | 1.3 | 77 |
| 129 | FDG uptake in vaginal tampons is caused by urinary contamination and related to tampon position. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 90-96. | 6.4 | 6 |
| 130 | Main pulmonary artery diameter from attenuation correction CT scans in cardiac SPECT accurately predicts pulmonary hypertension. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 634-641. | 2.1 | 21 |
| 131 | Non-invasive assessment of coronary artery disease with CT coronary angiography and SPECT: a novel dose-saving fast-track algorithm. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 522-527. | 6.4 | 33 |
| 132 | Ultrafast nuclear myocardial perfusion imaging on a new gamma camera with semiconductor detector technique: first clinical validation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 773-778. | 6.4 | 165 |
| 133 | Real-time breath-hold triggering of myocardial perfusion imaging with a novel cadmium-zinc-telluride detector gamma camera. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1903-1908. | 6.4 | 38 |
| 134 | Myocardial perfusion imaging with real-time respiratory triggering: Impact of inspiration breath-hold on left ventricular functional parameters. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 848-852. | 2.1 | 12 |
| 135 | Nuclear Myocardial Perfusion Imaging with a Cadmium-Zinc-Telluride Detector Technique: Optimized Protocol for Scan Time Reduction. <i>Journal of Nuclear Medicine</i> , 2010, 51, 46-51. | 5.0 | 195 |
| 136 | Validation of CT Attenuation Correction for High-Speed Myocardial Perfusion Imaging Using a Novel Cadmium-Zinc-Telluride Detector Technique. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1539-1544. | 5.0 | 59 |
| 137 | Usefulness of Additional Coronary Calcium Scoring in Low-dose CT Coronary Angiography with Prospective ECG-Triggering. <i>Academic Radiology</i> , 2010, 17, 201-206. | 2.5 | 27 |