

Irene A Burger

List of Publications by Year in descending order

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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	Assessment of ⁶⁸ Ga-PSMA-11 PET Accuracy in Localizing Recurrent Prostate Cancer. JAMA Oncology, 2019, 5, 856.	7.1	493
2	PET/MR imaging of bone lesions – implications for PET quantification from imperfect attenuation correction. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1154-1160.	6.4	237
3	Nuclear Myocardial Perfusion Imaging with a Cadmium-Zinc-Telluride Detector Technique: Optimized Protocol for Scan Time Reduction. Journal of Nuclear Medicine, 2010, 51, 46-51.	5.0	195
4	Ultrafast nuclear myocardial perfusion imaging on a new gamma camera with semiconductor detector technique: first clinical validation. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 773-778.	6.4	165
5	Combined pre-treatment MRI and 18F-FDG PET/CT parameters as prognostic biomarkers in patients with cervical cancer. European Journal of Radiology, 2014, 83, 1169-1176.	2.6	109
6	Automated detection of lung cancer at ultralow dose PET/CT by deep neural networks – Initial results. Lung Cancer, 2018, 126, 170-173.	2.0	90
7	Cold-induced epigenetic programming of the sperm enhances brown adipose tissue activity in the offspring. Nature Medicine, 2018, 24, 1372-1383.	30.7	87
8	Molecular Imaging of Prostate Cancer. Radiographics, 2016, 36, 142-159.	3.3	83
9	Diagnostic Accuracy of Multiparametric MRI versus ⁶⁸ Ga-PSMA-11 PET/MRI for Extracapsular Extension and Seminal Vesicle Invasion in Patients with Prostate Cancer. Radiology, 2019, 293, 350-358.	7.3	80
10	Whole-Body Nonenhanced PET/MR versus PET/CT in the Staging and Restaging of Cancers: Preliminary Observations. Radiology, 2014, 273, 859-869.	7.3	78
11	Incidence and Intensity of F-18 FDG Uptake After Vaccination With H1N1 Vaccine. Clinical Nuclear Medicine, 2011, 36, 848-853.	1.3	77
12	Clinical performance of ⁶⁸ Ga-PSMA-11 PET/MRI for the detection of recurrent prostate cancer following radical prostatectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 20-30.	6.4	72
13	Dosimetry and First Clinical Evaluation of the New ¹⁸ F-Radiolabeled Bombesin Analogue BAY 864367 in Patients with Prostate Cancer. Journal of Nuclear Medicine, 2015, 56, 372-378.	5.0	70
14	First Clinicopathologic Evidence of a Non-PSMA-Related Uptake Mechanism for ⁶⁸ Ga-PSMA-11 in Salivary Glands. Journal of Nuclear Medicine, 2019, 60, 1270-1276.	5.0	70
15	TNM Staging of Non-Small Cell Lung Cancer: Comparison of PET/MR and PET/CT. Journal of Nuclear Medicine, 2016, 57, 21-26.	5.0	65
16	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. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4483-4494.	6.4	65
17	Validation of CT Attenuation Correction for High-Speed Myocardial Perfusion Imaging Using a Novel Cadmium-Zinc-Telluride Detector Technique. Journal of Nuclear Medicine, 2010, 51, 1539-1544.	5.0	59
18	Inhibition of Mevalonate Pathway Prevents Adipocyte Browning in Mice and Men by Affecting Protein Prenylation. Cell Metabolism, 2019, 29, 901-916.e8.	16.2	59

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19	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
20	Multimodality Imaging of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1350-1358.	5.0	51
21	Pharmacological upregulation of prostate-specific membrane antigen (PSMA) expression in prostate cancer cells. <i>Prostate</i> , 2018, 78, 758-765.	2.3	48
22	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
23	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
24	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
25	¹⁸ F-FDG PET/CT of Non-Small Cell Lung Carcinoma Under Neoadjuvant Chemotherapy: Background-Based Adaptive-Volume Metrics Outperform TLG and MTV in Predicting Histopathologic Response. <i>Journal of Nuclear Medicine</i> , 2016, 57, 849-854.	5.0	44
26	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
27	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
28	¹⁸ F-FDG-PET/MR increases diagnostic confidence in detection of bone metastases compared with ¹⁸ F-FDG-PET/CT. <i>Nuclear Medicine Communications</i> , 2015, 36, 1165-1173.	1.1	43
29	PET+MR versus PET/CT in the initial staging of head and neck cancer, using a trimodality PET/CT+MR system. <i>Clinical Imaging</i> , 2017, 42, 232-239.	1.5	43
30	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
31	Definition of bulky disease in early stage Hodgkin lymphoma in computed tomography era: prognostic significance of measurements in the coronal and transverse planes. <i>Haematologica</i> , 2016, 101, 1237-1243.	3.5	42
32	[¹⁸ F]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
33	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
34	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
35	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
36	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

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37	Impact of 68Ga-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
38	PET/MR Outperforms PET/CT in Suspected Occult Tumors. <i>Clinical Nuclear Medicine</i> , 2017, 42, e88-e95.	1.3	37
39	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
40	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
41	Local resectability assessment of head and neck cancer: Positron emission tomography/MRI versus positron emission tomography/CT. <i>Head and Neck</i> , 2017, 39, 1550-1558.	2.0	35
42	¹⁸ F-FDG PET/CT for Therapy Control in Vascular Graft Infections: A First Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1024-1029.	5.0	34
43	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
44	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
45	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
46	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
47	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
48	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
49	Age- and sex-dependent changes in sympathetic activity of the left ventricular apex assessed by ¹⁸ F-DOPA PET imaging. <i>PLoS ONE</i> , 2018, 13, e0202302.	2.5	29
50	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
51	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
52	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
53	Outdoor Temperature Influences Cold Induced Thermogenesis in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1184.	2.8	28
54	Comparing diagnostic accuracy of ¹⁸ F-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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55	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
56	Usefulness of Additional Coronary Calcium Scoring in Low-dose CT Coronary Angiography with Prospective ECG-Trigging. <i>Academic Radiology</i> , 2010, 17, 201-206.	2.5	27
57	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
58	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
59	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
60	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
61	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
62	Sex Differences in the Association between Inflammation and Ischemic Heart Disease. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1471-1480.	3.4	22
63	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
64	Is there a role for lung perfusion [99mTc]-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
65	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
66	Anatomical Grading for Metabolic Activity of Brown Adipose Tissue. <i>PLoS ONE</i> , 2016, 11, e0149458.	2.5	20
67	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
68	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
69	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
70	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
71	The value of ¹⁸ F-FDG PET/CT imaging in oral cavity cancer patients following surgical reconstruction. <i>Laryngoscope</i> , 2015, 125, 1861-1868.	2.0	19
72	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

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73	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
74	Complementary Prognostic Value of Pelvic Magnetic Resonance Imaging and Whole-Body Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Pretreatment Assessment of Patients With Cervical Cancer. <i>International Journal of Gynecological Cancer</i> , 2015, 25, 1461-1467.	2.5	18
75	[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
76	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
77	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
78	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
79	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
80	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
81	Cold Exposure Distinctively Modulates Parathyroid and Thyroid Hormones in Cold-Acclimatized and Non-Acclimatized Humans. <i>Endocrinology</i> , 2020, 161, .	2.8	16
82	Lung perfusion [99mTc]-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
83	How to assess background activity. <i>Nuclear Medicine Communications</i> , 2014, 35, 316-324.	1.1	14
84	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
85	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
86	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
87	Image registration accuracy of an in-house developed patient transport system for PET/CT+MR and SPECT+CT imaging. <i>Nuclear Medicine Communications</i> , 2015, 36, 194-200.	1.1	13
88	Analysis of Prognostic Values of Various PET Metrics in Preoperative ¹⁸ F-FDG PET for Early-Stage Bronchial Carcinoma for Progression-Free and Overall Survival: Significantly Increased Glycolysis Is a Predictive Factor. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1925-1930.	5.0	13
89	Prognostic risk classification for biochemical relapse-free survival in patients with oligorecurrent prostate cancer after [68Ga]PSMA-PET-guided metastasis-directed therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2328-2338.	6.4	13
90	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

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91	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
92	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
93	Prediction of Early Response to Immune Checkpoint Inhibition Using FDG-PET/CT in Melanoma Patients. <i>Cancers</i> , 2021, 13, 3830.	3.7	12
94	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
95	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
96	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
97	SUVpeak Performance in Lung Cancer: Comparison to Average SUV from the 40 Hottest Voxels. <i>Journal of Nuclear Medicine</i> , 2016, 57, 85-88.	5.0	10
98	68Ga-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
99	Value of bowel preparation techniques for prostate MRI: a preliminary study. <i>Abdominal Radiology</i> , 2021, 46, 4002-4013.	2.1	10
100	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
101	Intra-individual comparison of PET/CT with different body weight-adapted FDG dosage regimens. <i>Acta Radiologica Open</i> , 2015, 4, 204798161456007.	0.6	9
102	PET/CT in therapy control of infective native aortic aneurysms. <i>Scientific Reports</i> , 2021, 11, 5065.	3.3	9
103	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
104	Value of 18F-FET PET in adult brainstem glioma. <i>Clinical Imaging</i> , 2018, 51, 68-75.	1.5	8
105	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
106	Potential Clinical Applications of PET/MR. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 293-299.	3.7	8
107	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
108	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

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109	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
110	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
111	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
112	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
113	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
114	In-depth analysis of interreader agreement and accuracy in categorical assessment of brown adipose tissue in (18)FDG-PET/CT. <i>European Journal of Radiology</i> , 2017, 91, 41-46.	2.6	6
115	Free Thyroxine Levels are Associated with Cold Induced Thermogenesis in Healthy Euthyroid Individuals. <i>Frontiers in Endocrinology</i> , 2021, 12, 666595.	3.5	6
116	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
117	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
118	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
119	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
120	Prostate Cancer. <i>Topics in Magnetic Resonance Imaging</i> , 2020, 29, 59-66.	1.2	3
121	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
122	Malignancy Rate of Indeterminate Findings on FDG-PET/CT in Cutaneous Melanoma Patients. <i>Diagnostics</i> , 2021, 11, 883.	2.6	3
123	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
124	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
125	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
126	Metal artifact reduction in 68Ga-PSMA-11 PET/MRI for prostate cancer patients with hip joint replacement using multiaquisition variable-resonance image combination. <i>European Journal of Hybrid Imaging</i> , 2020, 4, 6.	1.5	2

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127	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
128	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
129	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
130	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
131	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
132	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
133	Emerging applications of imaging in glioma: focus on PET/MRI and radiomics. <i>Clinical and Translational Imaging</i> , 2021, 9, 609.	2.1	1
134	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
135	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
136	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
137	PET/MRI: Reliability/Reproducibility of SUV Measurements. , 2018, , 97-114.		0