## Andreas K Buck

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Use of Positron Emission Tomography for Response Assessment of Lymphoma: Consensus of the Imaging Subcommittee of International Harmonization Project in Lymphoma. Journal of Clinical Oncology, 2007, 25, 571-578.	1.6	1,275
2	Synthetic lethal metabolic targeting of cellular senescence in cancer therapy. Nature, 2013, 501, 421-425.	27.8	437
3	Detection of bone metastases in patients with lung cancer: 99mTc-MDP planar bone scintigraphy, 18F-fluoride PET or 18F-FDG PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1807-1812.	6.4	419
4	Imaging proliferation in lung tumors with PET: 18F-FLT versus 18F-FDG. Journal of Nuclear Medicine, 2003, 44, 1426-31.	5.0	281
5	SPECT/CT. Journal of Nuclear Medicine, 2008, 49, 1305-1319.	5.0	280
6	FDG uptake in breast cancer: correlation with biological and clinical prognostic parameters. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 1317-1323.	6.4	274
7	First-in-Human Experience of CXCR4-Directed Endoradiotherapy with <sup>177</sup> Lu- and <sup>90</sup> Y-Labeled Pentixather in Advanced-Stage Multiple Myeloma with Extensive Intra- and Extramedullary Disease. Journal of Nuclear Medicine, 2016, 57, 248-251.	5.0	201
8	Aurora kinases A and B are up-regulated by Myc and are essential for maintenance of the malignant state. Blood, 2010, 116, 1498-1505.	1.4	196
9	<i>In vivo</i> molecular imaging of chemokine receptor <scp>CXCR</scp> 4 expression in patients with advanced multiple myeloma. EMBO Molecular Medicine, 2015, 7, 477-487.	6.9	180
10	Gene silencing by adenovirusâ€delivered siRNA. FEBS Letters, 2003, 539, 111-114.	2.8	176
11	Molecular Imaging of Proliferation in Malignant Lymphoma. Cancer Research, 2006, 66, 11055-11061.	0.9	173
12	Rhenium 188–labeled anti-CD66 (a, b, c, e) monoclonal antibody to intensify the conditioning regimen prior to stem cell transplantation for patients with high-risk acute myeloid leukemia or myelodysplastic syndrome: results of a phase I-II study. Blood, 2001, 98, 565-572.	1.4	166
13	Life Expectancy Is Reduced in Differentiated Thyroid Cancer Patients ≥ 45 Years Old with Extensive Local Tumor Invasion, Lateral Lymph Node, or Distant Metastases at Diagnosis and Normal in All Other DTC Patients. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 172-180.	3.6	166
14	68Ga-PSMA-PET/CT in Patients With Biochemical Prostate Cancer Recurrence and Negative 18F-Choline-PET/CT. Clinical Nuclear Medicine, 2016, 41, 515-521.	1.3	165
15	3-deoxy-3-[(18)F]fluorothymidine-positron emission tomography for noninvasive assessment of proliferation in pulmonary nodules. Cancer Research, 2002, 62, 3331-4.	0.9	162
16	F-18 NaF PET for Detection of Bone Metastases in Lung Cancer: Accuracy, Cost-Effectiveness, and Impact on Patient Management. Journal of Bone and Mineral Research, 2003, 18, 2206-2214.	2.8	155
17	First demonstration of 3-D lymphatic mapping in breast cancer using freehand SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1452-1461.	6.4	155
18	Structured treatment interruption in patients with alveolar echinococcosis. Hepatology, 2004, 39, 509-517.	7.3	153

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19	Early Response Assessment Using 3′-Deoxy-3′-[18F]Fluorothymidine-Positron Emission Tomography in High-Grade Non-Hodgkin's Lymphoma. Clinical Cancer Research, 2007, 13, 3552-3558.	7.0	151
20	Correlation of immunohistopathological expression of somatostatin receptor 2 with standardised uptake values in 68Ga-DOTATOC PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 48-52.	6.4	146
21	Early Metabolic Response Evaluation by Fluorine-18 Fluorodeoxyglucose Positron Emission Tomography Allows <i>In vivo</i> Testing of Chemosensitivity in Gastric Cancer: Long-term Results of a Prospective Study. Clinical Cancer Research, 2008, 14, 2012-2018.	7.0	140
22	[ <sup>68</sup> Ga]Pentixafor-PET/CT for imaging of chemokine receptor CXCR4 expression in multiple myeloma - Comparison to [ <sup>18</sup> F]FDG and laboratory values. Theranostics, 2017, 7, 205-212.	10.0	138
23	3'-[18F]fluoro-3'-deoxythymidine ([18F]-FLT) as positron emission tomography tracer for imaging proliferation in a murine B-Cell lymphoma model and in the human disease. Cancer Research, 2003, 63, 2681-7.	0.9	128
24	Biodistribution and Radiation Dosimetry for a Probe Targeting Prostate-Specific Membrane Antigen for Imaging and Therapy. Journal of Nuclear Medicine, 2015, 56, 855-861.	5.0	122
25	Progressive gait ataxia following deep brain stimulation for essential tremor: adverse effect or lack of efficacy?. Brain, 2016, 139, 2948-2956.	7.6	119
26	Clinical Applications of FDG PET and PET/CT in Head and Neck Cancer. Journal of Oncology, 2009, 2009, 1-13.	1.3	118
27	<sup>18</sup> F-Labeled, PSMA-Targeted Radiotracers: Leveraging the Advantages of Radiofluorination for Prostate Cancer Molecular Imaging. Theranostics, 2020, 10, 1-16.	10.0	117
28	Imaging Gastric Cancer with PET and the Radiotracers 18F-FLT and 18F-FDG: A Comparative Analysis. Journal of Nuclear Medicine, 2007, 48, 1945-1950.	5.0	113
29	Positron Emission Tomography (PET) for Staging of Solitary Plasmacytoma. Cancer Biotherapy and Radiopharmaceuticals, 2003, 18, 841-845.	1.0	110
30	Biodistribution and Radiation Dosimetry for the Chemokine Receptor CXCR4-Targeting Probe <sup>68</sup> Ga-Pentixafor. Journal of Nuclear Medicine, 2015, 56, 410-416.	5.0	108
31	68Ga-DOTATATE PET/CT for the detection of inflammation of large arteries: correlation with18F-FDG, calcium burden and risk factors. EJNMMI Research, 2012, 2, 52.	2.5	107
32	CXCR4-directed endoradiotherapy induces high response rates in extramedullary relapsed Multiple Myeloma. Theranostics, 2017, 7, 1589-1597.	10.0	102
33	Clinical relevance of imaging proliferative activity in lung nodules. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 525-533.	6.4	101
34	Influence of 11C-choline PET/CT on the treatment planning for salvage radiation therapy in patients with biochemical recurrence of prostate cancer. Radiotherapy and Oncology, 2011, 99, 193-200.	0.6	101
35	CXCR4-directed theranostics in oncology and inflammation. Annals of Nuclear Medicine, 2018, 32, 503-511.	2.2	98
36	Economic Evaluation of PET and PET/CT in Oncology: Evidence and Methodologic Approaches. Journal of Nuclear Medicine, 2010, 51, 401-412.	5.0	95

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37	Comparison of visual and semiquantitative analysis of 18F-FDOPA-PET/CT for recurrence detection in glioblastoma patients. Neuro-Oncology, 2014, 16, 603-609.	1.2	94
38	Automated Whole-Body Bone Lesion Detection for Multiple Myeloma on <sup>68</sup> Ga-Pentixafor PET/CT Imaging Using Deep Learning Methods. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.8	93
39	188Re or 90Y-labelled anti-CD66 antibody as part of a dose-reduced conditioning regimen for patients with acute leukaemia or myelodysplastic syndrome over the age of 55: results of a phase I-II study. British Journal of Haematology, 2005, 130, 604-613.	2.5	92
40	[68Ga]Pentixafor-PET/CT for imaging of chemokine receptor 4 expression in small cell lung cancer - initial experience. Oncotarget, 2016, 7, 9288-9295.	1.8	92
41	<sup>68</sup> Ga-Pentixafor-PET/CT for Imaging of Chemokine Receptor 4 Expression in Glioblastoma. Theranostics, 2016, 6, 428-434.	10.0	91
42	Biological characterisation of breast cancer by means of PET. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, S80-S87.	6.4	90
43	Comparison of the Amino Acid Tracers <sup>18</sup> F-FET and <sup>18</sup> F-DOPA in High-Grade Glioma Patients. Journal of Nuclear Medicine, 2014, 55, 1611-1616.	5.0	90
44	[11C]choline PET/CT in prostate cancer patients with biochemical recurrence after radical prostatectomy. World Journal of Urology, 2009, 27, 619-625.	2.2	89
45	Impact of 11C-choline PET/CT on clinical decision making in recurrent prostate cancer: results from a retrospective two-centre trial. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2222-2231.	6.4	86
46	lmaging of myocardial inflammation with somatostatin receptor based PET/CT — A comparison to cardiac MRI. International Journal of Cardiology, 2015, 194, 44-49.	1.7	86
47	[ <sup>177</sup> Lu]pentixather: Comprehensive Preclinical Characterization of a First CXCR4-directed Endoradiotherapeutic Agent. Theranostics, 2017, 7, 2350-2362.	10.0	84
48	Imaging of Chemokine Receptor 4 Expression in Neuroendocrine Tumors - a Triple Tracer Comparative Approach. Theranostics, 2017, 7, 1489-1498.	10.0	82
49	Economic Evaluation of PET and PET/CT in Oncology: Evidence and Methodologic Approaches. Journal of Nuclear Medicine Technology, 2010, 38, 6-17.	0.8	81
50	<sup>11</sup> C-Methionine-PET in Multiple Myeloma: Correlation with Clinical Parameters and Bone Marrow Involvement. Theranostics, 2016, 6, 254-261.	10.0	80
51	Clinical Value of 18-Fluorine-Fluorodihydroxyphenylalanine Positron Emission Tomography/Computed Tomography in the Follow-Up of Medullary Thyroid Carcinoma. Thyroid, 2010, 20, 527-533.	4.5	78
52	Impact of 68Ga-PSMA PET/CT on salvage radiotherapy planning in patients with prostate cancer and persisting PSA values or biochemical relapse after prostatectomy. EJNMMI Research, 2016, 6, 78.	2.5	78
53	Targeting CXCR4 (CXC Chemokine Receptor Type 4) for Molecular Imaging of Aldosterone-Producing Adenoma. Hypertension, 2018, 71, 317-325.	2.7	77
54	Specific somatostatin receptor II expression in arterial plaque: 68Ga-DOTATATE autoradiographic, immunohistochemical and flow cytometric studies in apoE-deficient mice. Atherosclerosis, 2013, 230, 33-39.	0.8	75

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55	Dopaminergic dysfunction in attention deficit hyperactivity disorder (ADHD), differences between pharmacologically treated and never treated young adults: A 3,4-dihdroxy-6-[18F]fluorophenyl-l-alanine PET study. NeuroImage, 2008, 41, 718-727.	4.2	73
56	Pasotuxizumab, a BiTE <sup>®</sup> immune therapy for castration-resistant prostate cancer: Phase I, dose-escalation study findings. Immunotherapy, 2021, 13, 125-141.	2.0	72
57	Combination of peptide receptor radionuclide therapy with fractionated external beam radiotherapy for treatment of advanced symptomatic meningioma. Radiation Oncology, 2012, 7, 99.	2.7	71
58	[1311]Iodometomidate for Targeted Radionuclide Therapy of Advanced Adrenocortical Carcinoma. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 914-922.	3.6	70
59	Imaging Bone and Soft Tissue Tumors with the Proliferation Marker [18F]Fluorodeoxythymidine. Clinical Cancer Research, 2008, 14, 2970-2977.	7.0	69
60	Assessment of disease activity in alveolar echinococcosis: a comparison of contrast-enhanced ultrasound, three-phase helical CT and [18F]fluorodeoxyglucose positron-emission tomography. Abdominal Imaging, 2007, 32, 730-736.	2.0	68
61	First Demonstration of Leukemia Imaging with the Proliferation Marker <sup>18</sup> F-Fluorodeoxythymidine. Journal of Nuclear Medicine, 2008, 49, 1756-1762.	5.0	68
62	Dual Targeting of Acute Leukemia and Supporting Niche by CXCR4-Directed Theranostics. Theranostics, 2018, 8, 369-383.	10.0	68
63	Use of integrated FDG PET/CT imaging in pulmonary carcinoid tumours. Journal of Internal Medicine, 2006, 260, 545-550.	6.0	67
64	Impact of moderate <i>vs</i> stringent TSH suppression on survival in advanced differentiated thyroid carcinoma. Clinical Endocrinology, 2012, 76, 586-592.	2.4	67
65	Predictive Value of Initial <sup>18</sup> F-FLT Uptake in Patients with Aggressive Non-Hodgkin Lymphoma Receiving R-CHOP Treatment. Journal of Nuclear Medicine, 2011, 52, 690-696.	5.0	65
66	<sup>11</sup> C-Methionine-PET in Multiple Myeloma: A Combined Study from Two Different Institutions. Theranostics, 2017, 7, 2956-2964.	10.0	63
67	Early assessment of therapy response in malignant lymphoma with the thymidine analogue [18F]FLT. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1775-1782.	6.4	62
68	Clinical value of 18F-fluorodihydroxyphenylalanine positron emission tomography/computed tomography (18F-DOPA PET/CT) for detecting pheochromocytoma. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 484-493.	6.4	62
69	Cost-Effectiveness of Hybrid PET/CT for Staging of Non–Small Cell Lung Cancer. Journal of Nuclear Medicine, 2010, 51, 1668-1675.	5.0	62
70	Feasibility of CXCR4-Directed Radioligand Therapy in Advanced Diffuse Large B-Cell Lymphoma. Journal of Nuclear Medicine, 2019, 60, 60-64.	5.0	62
71	Positron detection for the intraoperative localisation of cancer deposits. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1534-1544.	6.4	60
72	Investigating the Chemokine Receptor 4 as Potential Theranostic Target in Adrenocortical Cancer Patients. Clinical Nuclear Medicine, 2017, 42, e29-e34.	1.3	60

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73	Combined [18F]DPA-714 micro-positron emission tomography and autoradiography imaging of microglia activation after closed head injury in mice. Journal of Neuroinflammation, 2016, 13, 140.	7.2	59
74	The theranostic promise for Neuroendocrine Tumors in the late 2010s - Where do we stand, where do we go?. Theranostics, 2018, 8, 6088-6100.	10.0	59
75	Salvage Treatment with Amphotericin B in Progressive Human Alveolar Echinococcosis. Antimicrobial Agents and Chemotherapy, 2003, 47, 3586-3591.	3.2	58
76	Molecular Imaging of Proliferation and Glucose Utilization: Utility for Monitoring Response and Prognosis after Neoadjuvant Therapy in Locally Advanced Gastric Cancer. Annals of Surgical Oncology, 2011, 18, 3316-3323.	1.5	58
77	Targeting P-Selectin by Gallium-68–Labeled Fucoidan Positron Emission Tomography for Noninvasive Characterization of Vulnerable Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1661-1667.	2.4	58
78	SSTR-RADS Version 1.0 as a Reporting System for SSTR PET Imaging and Selection of Potential PRRT Candidates: A Proposed Standardization Framework. Journal of Nuclear Medicine, 2018, 59, 1085-1091.	5.0	58
79	[68Ga]Pentixafor-PET/CT for Imaging ofÂChemokine Receptor 4 Expression After Myocardial Infarction. JACC: Cardiovascular Imaging, 2015, 8, 1466-1468.	5.3	56
80	18FDG-PET/CT for prognostic stratification of patients with multiple myeloma relapse after stem cell transplantation. Oncotarget, 2014, 5, 7381-7391.	1.8	56
81	Survival prediction in patients undergoing radionuclide therapy based on intratumoral somatostatin-receptor heterogeneity. Oncotarget, 2017, 8, 7039-7049.	1.8	54
82	Direct comparison of [18F]FDG PET/CT with PET alone and with side-by-side PET and CT in patients with malignant melanoma. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1355-1364.	6.4	53
83	Somatostatin receptor expression in Merkel cell carcinoma as target for molecular imaging. BMC Cancer, 2014, 14, 268.	2.6	51
84	Imaging of Proliferation in Hepatocellular Carcinoma with the In Vivo Marker <sup>18</sup> F-Fluorothymidine. Journal of Nuclear Medicine, 2009, 50, 1441-1447.	5.0	49
85	Molecular imaging of proliferation in vivo: Positron emission tomography with [18F]fluorothymidine. Methods, 2009, 48, 205-215.	3.8	49
86	DNA Damage in Peripheral Blood Lymphocytes of Thyroid Cancer Patients After Radioiodine Therapy. Journal of Nuclear Medicine, 2016, 57, 173-179.	5.0	49
87	CXCR4-targeted theranostics in oncology. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4133-4144.	6.4	48
88	Focal uptake of 68Ga-DOTATOC in the pancreas: pathological or physiological correlate in patients with neuroendocrine tumours?. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 2005-2013.	6.4	47
89	Functional Characterization of Adrenal Lesions Using [123I]IMTO-SPECT/CT. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1508-1518.	3.6	47
90	CXCR4-Directed Imaging in Solid Tumors. Frontiers in Oncology, 2019, 9, 770.	2.8	47

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91	[1231]Iodometomidate Imaging in Adrenocortical Carcinoma. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2755-2764.	3.6	45
92	Chemokine receptor $\hat{a} \in \hat{C}$ Directed imaging and therapy. Methods, 2017, 130, 63-71.	3.8	45
93	Imaging Inflammation in Atherosclerosis with CXCR4-Directed <sup>68</sup> Ga-Pentixafor PET/CT: Correlation with <sup>18</sup> F-FDG PET/CT. Journal of Nuclear Medicine, 2020, 61, 751-756.	5.0	45
94	<sup>18</sup> Fâ€Fluorodeoxyglucose positron emission tomography/computed tomography for the detection of recurrent bone and soft tissue sarcoma. Cancer, 2013, 119, 1227-1234.	4.1	44
95	Intraoperative 3-D imaging improves sentinel lymph node biopsy in oral cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2257-2264.	6.4	44
96	Imaging Proliferation to Monitor Early Response of Lymphoma to Cytotoxic Treatment. Molecular Imaging and Biology, 2008, 10, 349-355.	2.6	42
97	In Vivo Characterization of Proliferation for Discriminating Cancer from Pancreatic Pseudotumors. Journal of Nuclear Medicine, 2008, 49, 1437-1444.	5.0	42
98	PET SUV correlates with radionuclide uptake in peptide receptor therapy in meningioma. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1284-1288.	6.4	42
99	Diagnostic performance of FDG-PET/MRI and WB-DW-MRI in the evaluation of lymphoma: a prospective comparison to standard FDG-PET/CT. BMC Cancer, 2015, 15, 1002.	2.6	42
100	Synthesis and preclinical evaluation of an Al18F radiofluorinated GLU-UREA-LYS(AHX)-HBED-CC PSMA ligand. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2122-2130.	6.4	42
101	Imaging of C-X-C Motif Chemokine Receptor CXCR4 Expression After Myocardial Infarction With [68Ga]Pentixafor-PET/CT in Correlation WithÂCardiac MRI. JACC: Cardiovascular Imaging, 2018, 11, 1541-1543.	5.3	42
102	Somatostatin receptor expression in small cell lung cancer as a prognostic marker and a target for peptide receptor radionuclide therapy. Oncotarget, 2016, 7, 20033-20040.	1.8	41
103	Prognostic value of positron emission tomography-assessed tumor heterogeneity in patients with thyroid cancer undergoing treatment with radiopeptide therapy. Nuclear Medicine and Biology, 2015, 42, 349-354.	0.6	40
104	Triplex-forming oligodeoxynucleotides targeting survivin inhibit proliferation and induce apoptosis of human lung carcinoma cells. Cancer Gene Therapy, 2003, 10, 403-410.	4.6	39
105	Myeloablative Radioimmunotherapy with Re-188-anti-CD66-Antibody for Conditioning of High-Risk Leukemia Patients Prior to Stem Cell Transplantation: Biodistribution, Biokinetics and Immediate Toxicities. Cancer Biotherapy and Radiopharmaceuticals, 2002, 17, 151-163.	1.0	38
106	11C-Methionine-PET: A novel and sensitive tool for monitoring of early response to treatment in multiple myeloma. Oncotarget, 2015, 6, 8418-8429.	1.8	38
107	Improved Primary Staging of Marginal-Zone Lymphoma by Addition of CXCR4-Directed PET/CT. Journal of Nuclear Medicine, 2021, 62, 1415-1421.	5.0	38
108	FLT-PET Is Superior to FDG-PET for Very Early Response Prediction in NPM-ALK-Positive Lymphoma Treated with Targeted Therapy. Cancer Research, 2012, 72, 5014-5024.	0.9	37

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109	Molecular imaging reporting and data systems (MI-RADS): a generalizable framework for targeted radiotracers with theranostic implications. Annals of Nuclear Medicine, 2018, 32, 512-522.	2.2	37
110	Side Effects of CXC-Chemokine Receptor 4–Directed Endoradiotherapy with Pentixather Before Hematopoietic Stem Cell Transplantation. Journal of Nuclear Medicine, 2019, 60, 1399-1405.	5.0	37
111	Targeted bone marrow irradiation in the conditioning of high-risk leukaemia prior to stem cell transplantation. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 807-815.	2.1	36
112	Internal radionuclide therapy: The ULMDOS software for treatment planning. Medical Physics, 2005, 32, 2399-2405.	3.0	36
113	Clinical Value and Limitations of [11C]-Methionine PET for Detection and Localization of Suspected Parathyroid Adenomas. Molecular Imaging and Biology, 2009, 11, 356-363.	2.6	36
114	<sup>18</sup> F-FDG PET Detects Inflammatory Infiltrates in Spinal Cord Experimental Autoimmune Encephalomyelitis Lesions. Journal of Nuclear Medicine, 2012, 53, 1269-1276.	5.0	36
115	Lymph Node Staging in Lung Cancer Using [18F]FDG-PET. Thoracic and Cardiovascular Surgeon, 2004, 52, 96-101.	1.0	35
116	[18F]FLT is superior to [18F]FDG for predicting early response to antiproliferative treatment in high-grade lymphoma in a dose-dependent manner. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 34-43.	6.4	35
117	Freehand SPECTâ€guided sentinel lymph node biopsy in early oral squamous cell carcinoma. Head and Neck, 2014, 36, E112-6.	2.0	35
118	CXCR4-Targeted PET Imaging of Central Nervous System B-Cell Lymphoma. Journal of Nuclear Medicine, 2020, 61, 1765-1771.	5.0	34
119	[ 18 F] 3-deoxy-3′-fluorothymidine positron emission tomography: alternative or diagnostic adjunct to 2-[ 18 f]-fluoro-2-deoxy- d -glucose positron emission tomography in the workup of suspicious central focal lesions?. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1093-1099.	0.8	33
120	The number of 1311 therapy courses needed to achieve complete remission is an indicator of prognosis in patients with differentiated thyroid carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2281-2290.	6.4	32
121	Facing the Nuclear Threat: Thyroid Blocking Revisited. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3511-3516.	3.6	31
122	Tumor-Associated Macrophages in Glioblastoma Multiforme—A Suitable Target for Somatostatin Receptor-Based Imaging and Therapy?. PLoS ONE, 2015, 10, e0122269.	2.5	31
123	Comparison of 11C-Choline and 11C-Methionine PET/CT in Multiple Myeloma. Clinical Nuclear Medicine, 2019, 44, 620-624.	1.3	30
124	A Pilot Study to Evaluate 3′-Deoxy-3′- <sup>18</sup> F-Fluorothymidine PET for Initial and Early Response Imaging in Mantle Cell Lymphoma. Journal of Nuclear Medicine, 2011, 52, 1898-1902.	5.0	29
125	The lymphoma-like polychemotherapy regimen "Dexa-BEAM―in advanced and extramedullary multiple myeloma. Annals of Hematology, 2014, 93, 1207-1214.	1.8	29
126	Is the Image Quality of I-124-PET Impaired by an Automatic Correction of Prompt Gammas?. PLoS ONE, 2013, 8, e71729.	2.5	28

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127	Fusion of freehand SPECT and ultrasound: First experience in preoperative localization of sentinel lymph nodes. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2304-2312.	6.4	28
128	Targeting Paraprotein Biosynthesis for Non-Invasive Characterization of Myeloma Biology. PLoS ONE, 2013, 8, e84840.	2.5	28
129	Use of integrated FDG-PET/CT in sarcoidosis. Clinical Imaging, 2008, 32, 269-273.	1.5	27
130	iROLL: does 3-D radioguided occult lesion localization improve surgical management in early-stage breast cancer?. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1692-1699.	6.4	26
131	Predictive Value of <sup>18</sup> F-FDG PET in Patients with Advanced Medullary Thyroid Carcinoma Treated with Vandetanib. Journal of Nuclear Medicine, 2018, 59, 756-761.	5.0	26
132	123I-ITdU-Mediated Nanoirradiation of DNA Efficiently Induces Cell Kill in HL60 Leukemia Cells and in Doxorubicin-, Â-, or Â-Radiation-Resistant Cell Lines. Journal of Nuclear Medicine, 2007, 48, 1000-1007.	5.0	25
133	Potential influence of concomitant chemotherapy on <scp>CXCR</scp> 4 expression in receptor directed endoradiotherapy. British Journal of Haematology, 2019, 184, 440-443.	2.5	25
134	18F-FDG and 11C-Methionine PET/CT in Newly Diagnosed Multiple Myeloma Patients: Comparison of Volume-Based PET Biomarkers. Cancers, 2020, 12, 1042.	3.7	24
135	[11C]Choline as pharmacodynamic marker for therapy response assessment in a prostate cancer xenograft model. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1861-1868.	6.4	23
136	Prognostic value of [18F]FDG-PET/CT in multiple myeloma patients before and after allogeneic hematopoietic cell transplantation. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1694-1704.	6.4	23
137	Week one FLT-PET response predicts complete remission to R-CHOP and survival in DLBCL. Oncotarget, 2014, 5, 4050-4059.	1.8	23
138	Performance of cone beam computed tomography in comparison to conventional imaging techniques for the detection of bone invasion in oral cancer. International Journal of Oral and Maxillofacial Surgery, 2015, 44, 8-15.	1.5	22
139	Nicotinic Acetylcholine Receptor Density in Cognitively Intact Subjects at an Early Stage of Parkinsonââ,¬â,,¢s Disease. Frontiers in Aging Neuroscience, 2014, 6, 213.	3.4	21
140	Nicotinicα4β2acetylcholine receptors and cognitive function in Parkinson's disease. Acta Neurologica Scandinavica, 2014, 130, 164-171.	2.1	21
141	Hexokinase-2 Expression in <sup>11</sup> C-Methionine–Positive, <sup>18</sup> F-FDG–Negative Multiple Myeloma. Journal of Nuclear Medicine, 2019, 60, 348-352.	5.0	21
142	Long-term results of multimodal peptide receptor radionuclide therapy and fractionated external beam radiotherapy for treatment of advanced symptomatic meningioma. Clinical and Translational Radiation Oncology, 2020, 22, 29-32.	1.7	20
143	Prospective Evaluation of Factors Influencing Success Rates of Sentinel Node Biopsy in 814 Breast Cancer Patients. Cancer Biotherapy and Radiopharmaceuticals, 2004, 19, 784-790.	1.0	19
144	Synthesis and evaluation of a radiometal-labeled macrocyclic chelator-derivatised thymidine analog. Nuclear Medicine and Biology, 2006, 33, 359-366.	0.6	19

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145	Improved synthesis of [18F]FS-PTAD as a new tyrosine-specific prosthetic group for radiofluorination of biomolecules. Applied Radiation and Isotopes, 2015, 104, 136-142.	1.5	19
146	Integrated FDG-PET-CT: its role in the assessment of bone and soft tissue tumors. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 819-827.	2.4	18
147	Recent advances in radiotracers targeting norepinephrine transporter: structural development and radiolabeling improvements. Journal of Neural Transmission, 2020, 127, 851-873.	2.8	18
148	CXCR4-Directed PET/CT in Patients with Newly Diagnosed Neuroendocrine Carcinomas. Diagnostics, 2021, 11, 605.	2.6	18
149	Targeting CXCR4 with [68Ga]Pentixafor: a suitable theranostic approach in pleural mesothelioma?. Oncotarget, 2017, 8, 96732-96737.	1.8	17
150	PET Imaging with [ <sup>68</sup> Ga]NOTA-RGD for Prostate Cancer: A Comparative Study with [ <sup>18</sup> F]Fluorodeoxyglucose and [ <sup>18</sup> F]Fluoroethylcholine. Current Cancer Drug Targets, 2014, 14, 371-379.	1.6	17
151	Impact of Tumor Burden on Normal Organ Distribution in Patients Imaged with CXCR4-Targeted [68Ga]Ga-PentixaFor PET/CT. Molecular Imaging and Biology, 2022, 24, 659-665.	2.6	17
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