

Christian la Fougère

List of Publications by Year in descending order

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204
papers

9,600
citations

44069

48
h-index

49909

87
g-index

224
all docs

224
docs citations

224
times ranked

11937
citing authors

#	ARTICLE	IF	CITATIONS
1	Response Assessment in Neuro-Oncology working group and European Association for Neuro-Oncology recommendations for the clinical use of PET imaging in gliomas. <i>Neuro-Oncology</i> , 2016, 18, 1199-1208.	1.2	566
2	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. <i>Lancet Neurology</i> , The, 2018, 17, 241-250.	10.2	383
3	Joint EANM/EANO/RANO practice guidelines/SNMMI procedure standards for imaging of gliomas using PET with radiolabelled amino acids and [18F]FDG: version 1.0. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 540-557.	6.4	348
4	Real versus imagined locomotion: A [18F]-FDG PET-fMRI comparison. <i>NeuroImage</i> , 2010, 50, 1589-1598.	4.2	342
5	Comparison of 68Ga-labelled PSMA-11 and 11C-choline in the detection of prostate cancer metastases by PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 92-101.	6.4	237
6	Anti-Ma and anti-Ta associated paraneoplastic neurological syndromes: 22 newly diagnosed patients and review of previous cases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 767-773.	1.9	234
7	Molecular imaging of gliomas with PET: Opportunities and limitations. <i>Neuro-Oncology</i> , 2011, 13, 806-819.	1.2	225
8	Hot spots in dynamic 18F-FET-PET delineate malignant tumor parts within suspected WHO grade II gliomas. <i>Neuro-Oncology</i> , 2011, 13, 307-316.	1.2	215
9	[18F]-fluoro-ethyl-L-tyrosine PET: a valuable diagnostic tool in neuro-oncology, but not all that glitters is glioma. <i>Neuro-Oncology</i> , 2013, 15, 341-351.	1.2	192
10	PET and SPECT in epilepsy: A critical review. <i>Epilepsy and Behavior</i> , 2009, 15, 50-55.	1.7	171
11	The dopamine transporter and neuroimaging in attention deficit hyperactivity disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 605-613.	6.1	168
12	MRI-suspected low-grade glioma: is there a need to perform dynamic FET PET?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1021-1029.	6.4	160
13	Biological tumor volume in ¹⁸ F-FET-PET before radiochemotherapy correlates with survival in GBM. <i>Neurology</i> , 2015, 84, 710-719.	1.1	144
14	Prognostic Significance of Dynamic ¹⁸ F-FET PET in Newly Diagnosed Astrocytic High-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 9-15.	5.0	144
15	Two decades of SPECT/CT – the coming of age of a technology: An updated review of literature evidence. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1990-2012.	6.4	139
16	In Vivo Imaging of Macrophage Activity in the Coronary Arteries Using ⁶⁸ Ga-DOTATATE PET/CT: Correlation with Coronary Calcium Burden and Risk Factors. <i>Journal of Nuclear Medicine</i> , 2010, 51, 193-197.	5.0	137
17	Hepatic Yttrium-90 Radioembolization of Chemotherapy-refractory Colorectal Cancer Liver Metastases. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 1187-1195.	0.5	130
18	FET-PET for malignant glioma treatment planning. <i>Radiotherapy and Oncology</i> , 2011, 99, 44-48.	0.6	125

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19	Dynamic ¹⁸ F-FET PET in Newly Diagnosed Astrocytic Low-Grade Glioma Identifies High-Risk Patients. <i>Journal of Nuclear Medicine</i> , 2014, 55, 198-203.	5.0	123
20	Imaging-based target volume reduction in chemoradiotherapy for locally advanced non-small-cell lung cancer (PET-Plan): a multicentre, open-label, randomised, controlled trial. <i>Lancet Oncology</i> , The, 2020, 21, 581-592.	10.7	121
21	Irradiation and Bevacizumab in High-Grade Glioma Retreatment Settings. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 67-76.	0.8	119
22	Where in-vivo imaging meets cytoarchitectonics: The relationship between cortical thickness and neuronal density measured with high-resolution [18F]flumazenil-PET. <i>NeuroImage</i> , 2011, 56, 951-960.	4.2	113
23	Prognostic value of dynamic hypoxia PET in head and neck cancer: Results from a planned interim analysis of a randomized phase II hypoxia-image guided dose escalation trial. <i>Radiotherapy and Oncology</i> , 2017, 124, 526-532.	0.6	107
24	Radioembolization in Patients with Hepatic Metastases from Breast Cancer. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 683-690.	0.5	103
25	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i44-i61.	1.2	100
26	Prediction of oligodendroglial histology and LOH 1p/19q using dynamic [18F]FET-PET imaging in intracranial WHO grade II and III gliomas. <i>Neuro-Oncology</i> , 2012, 14, 1473-1480.	1.2	91
27	Early static 18F-FET-PET scans have a higher accuracy for glioma grading than the standard 20-40 min scans. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1105-1114.	6.4	88
28	Value of PET/CT versus PET and CT performed as separate investigations in patients with Hodgkin's disease and non-Hodgkin's lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 1417-1425.	6.4	85
29	In vivo visualization of prostate-specific membrane antigen in glioblastoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 170-171.	6.4	85
30	Postural imbalance and falls in PSP correlate with functional pathology of the thalamus. <i>Neurology</i> , 2011, 77, 101-109.	1.1	84
31	Assessment of metastatic colorectal cancer with hybrid imaging: comparison of reading performance using different combinations of anatomical and functional imaging techniques in PET/MRI and PET/CT in a short case series. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 123-132.	6.4	81
32	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Radiology</i> , 2018, 28, 4086-4101.	4.5	80
33	Influence of striatal dopamine transporter availability on the response to methylphenidate in adult patients with ADHD. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2005, 255, 428-431.	3.2	72
34	Functional disturbance of the locomotor network in progressive supranuclear palsy. <i>Neurology</i> , 2013, 80, 634-641.	1.1	69
35	Dynamic ¹⁸ F-FET PET in suspected WHO grade II gliomas defines distinct biological subgroups with different clinical courses. <i>International Journal of Cancer</i> , 2015, 136, 2132-2145.	5.1	68
36	Functional Representation of Olfactory Impairment in Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 581-591.	2.6	66

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37	Re-irradiation and bevacizumab in recurrent high-grade glioma: an effective treatment option. <i>Journal of Neuro-Oncology</i> , 2014, 117, 337-345.	2.9	66
38	Value of ^{99m} Tc-TRODAT-1 SPECT to predict clinical response to methylphenidate treatment in adults with attention deficit hyperactivity disorder. <i>Nuclear Medicine Communications</i> , 2006, 27, 733-737.	1.1	63
39	Extrastriatal binding of [¹²³ I]FP-CIT in the thalamus and pons: gender and age dependencies assessed in a European multicentre database of healthy controls. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1938-1946.	6.4	60
40	N-Acetyl-L-Leucine Accelerates Vestibular Compensation after Unilateral Labyrinthectomy by Action in the Cerebellum and Thalamus. <i>PLoS ONE</i> , 2015, 10, e0120891.	2.5	60
41	Correlation of Brown Adipose Tissue with Other Body Fat Compartments and Patient Characteristics. <i>Academic Radiology</i> , 2018, 25, 102-110.	2.5	57
42	Combined PET/MRI: Multi-modality Multi-parametric Imaging Is Here. <i>Molecular Imaging and Biology</i> , 2015, 17, 595-608.	2.6	56
43	The Value of the Dopamine D _{2/3} Receptor Ligand ¹⁸ F-Desmethoxyfallypride for the Differentiation of Idiopathic and Nonidiopathic Parkinsonian Syndromes. <i>Journal of Nuclear Medicine</i> , 2010, 51, 581-587.	5.0	51
44	Molecular stereotactic biopsy technique improves diagnostic accuracy and enables personalized treatment strategies in glioma patients. <i>Acta Neurochirurgica</i> , 2014, 156, 1427-1440.	1.7	51
45	Low μ -Opioid Receptor Status in Alcohol Dependence Identified by Combined Positron Emission Tomography and Post-Mortem Brain Analysis. <i>Neuropsychopharmacology</i> , 2017, 42, 606-614.	5.4	51
46	FET-PET assessed recurrence pattern after radio-chemotherapy in newly diagnosed patients with glioblastoma is influenced by MGMT methylation status. <i>Radiotherapy and Oncology</i> , 2012, 104, 78-82.	0.6	50
47	[¹⁸ F]fallypride PET measurement of striatal and extrastriatal dopamine D _{2/3} receptor availability in recently abstinent alcoholics. <i>Addiction Biology</i> , 2012, 17, 490-503.	2.6	50
48	Sequential [¹⁸ F]FDG μ PET whole-brain imaging of central vestibular compensation: a model of deafferentation-induced brain plasticity. <i>Brain Structure and Function</i> , 2016, 221, 159-170.	2.3	49
49	Uptake and binding of the serotonin 5-HT _{1A} antagonist [¹⁸ F]-MPPF in brain of rats: Effects of the novel P-glycoprotein inhibitor tariquidar. <i>NeuroImage</i> , 2010, 49, 1406-1415.	4.2	47
50	PET/CT in malignant melanoma: contrast-enhanced CT versus plain low-dose CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 822-831.	6.4	47
51	Striatal dopamine transporter availability is associated with the productive psychotic state in first episode, drug-naïve schizophrenic patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2006, 256, 115-121.	3.2	46
52	Striatal D ₂ /D ₃ Receptor Occupancy, Clinical Response and Side Effects with Amisulpride: An Iodine-123-Iodobenzamide SPET Study. <i>Pharmacopsychiatry</i> , 2008, 41, 169-175.	3.3	46
53	¹⁸ F-FDG-PET detects complete response to PD1-therapy in melanoma patients two weeks after therapy start. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 95-101.	6.4	46
54	Cancer immunotherapy is accompanied by distinct metabolic patterns in primary and secondary lymphoid organs observed by non-invasive <i>in vivo</i> ¹⁸ F-FDG-PET. <i>Theranostics</i> , 2020, 10, 925-937.	10.0	46

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55	Imaging of P-glycoprotein-mediated pharmacoresistance in the hippocampus: Proof-of-concept in a chronic rat model of temporal lobe epilepsy. <i>Epilepsia</i> , 2010, 51, 1780-1790.	5.1	45
56	Independent attenuation correction of whole body [18F]FDG-PET using a deep learning approach with Generative Adversarial Networks. <i>EJNMMI Research</i> , 2020, 10, 53.	2.5	44
57	Dual-isotope SPECT imaging of striatal dopamine: First episode, drug naïve schizophrenic patients. <i>Schizophrenia Research</i> , 2008, 101, 133-141.	2.0	43
58	CT imaging of bone and bone marrow infiltration in malignant melanoma—Challenges and limitations for clinical staging in comparison to 18FDG-PET/CT. <i>European Journal of Radiology</i> , 2016, 85, 732-738.	2.6	43
59	Pathological ponto-cerebello-thalamo-cortical activations in primary orthostatic tremor during lying and stance. <i>Brain</i> , 2017, 140, 83-97.	7.6	43
60	The striatal dopamine transporter in first-episode, drug-naive schizophrenic patients: evaluation by the new SPECT-ligand[99mTc]TRODAT-1. <i>Journal of Psychopharmacology</i> , 2005, 19, 488-493.	4.0	42
61	Striatal dopamine transporter availability and DAT-1 gene in adults with ADHD: no higher DAT availability in patients with homozygosity for the 10-repeat allele. <i>World Journal of Biological Psychiatry</i> , 2006, 7, 152-157.	2.6	42
62	Is the standard uptake value (SUV) appropriate for quantification in clinical PET imaging? — Variability induced by different SUV measurements and varying reconstruction methods. <i>European Journal of Radiology</i> , 2015, 84, 158-162.	2.6	42
63	Defining optimal tracer activities in pediatric oncologic whole-body 18F-FDG-PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2283-2289.	6.4	42
64	Anisotropy of Human Horizontal and Vertical Navigation in Real Space: Behavioral and PET Correlates. <i>Cerebral Cortex</i> , 2016, 26, 4392-4404.	2.9	42
65	FDG-PET mapping the brain substrates of visuo-constructive processing in Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2010, 44, 462-469.	3.1	40
66	A new synthetic toll-like receptor 1/2 ligand is an efficient adjuvant for peptide vaccination in a human volunteer. , 2019, 7, 307.		39
67	Joint Imaging Platform for Federated Clinical Data Analytics. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 1027-1038.	2.1	39
68	F-18-Fluoro-2-Deoxyglucose Positron Emission Tomography/Computed Tomography in the Follow-up of Breast Cancer With Elevated Levels of Tumor Markers. <i>Journal of Computer Assisted Tomography</i> , 2007, 31, 629-634.	0.9	38
69	Segmentation-Based Attenuation Correction in Positron Emission Tomography/Magnetic Resonance. <i>Investigative Radiology</i> , 2015, 50, 339-346.	6.2	38
70	Influence of 18F-FDG PET/CT on therapy management in patients with stage III/IV malignant melanoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 482-488.	6.4	37
71	A Prospective Study of Quantitative SPECT/CT for Evaluation of Lung Shunt Fraction Before SIRT of Liver Tumors. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1366-1372.	5.0	37
72	Prospective Evaluation of a Tumor Control Probability Model Based on Dynamic ¹⁸ F-FMISO PET for Head and Neck Cancer Radiotherapy. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1698-1704.	5.0	37

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73	[¹⁸ F]Fluoroethyltyrosine PET Positron Emission Tomography-Based Therapy Monitoring after Stereotactic Iodine-125 Brachytherapy in Patients with Recurrent High-Grade Glioma. <i>Molecular Imaging</i> , 2013, 12, 7290.2012.00027.	1.4	36
74	Improved work-up procedure for the production of [¹⁸ F]flumazenil and first results of its use with a high-resolution research tomograph in human stroke. <i>Nuclear Medicine and Biology</i> , 2009, 36, 721-727.	0.6	35
75	Interim analysis of the REASSURE (Radium-223 alpha Emitter Agent in non-intervention Safety Study in) prior use of chemotherapy in routine clinical practice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1102-1110.	6.4	35
76	Re-irradiation in recurrent malignant glioma: prognostic value of [¹⁸ F]FET PET. <i>Journal of Neuro-Oncology</i> , 2012, 110, 389-395.	2.9	34
77	The mixed blessing of treating symptoms in acute vestibular failure – Evidence from a 4-aminopyridine experiment. <i>Experimental Neurology</i> , 2014, 261, 638-645.	4.1	34
78	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
79	Clinical validation of the gated blood pool SPECT QBS® processing software in congestive heart failure patients: correlation with MUGA, first-pass RNV and 2D-echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 407-416.	1.5	33
80	Impulsivity is related to striatal dopamine transporter availability in healthy males. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 251-256.	1.8	33
81	Decoding Intratumoral Heterogeneity of Breast Cancer by Multiparametric In Vivo Imaging: A Translational Study. <i>Cancer Research</i> , 2016, 76, 5512-5522.	0.9	33
82	Characterization of Diffuse Gliomas With Histone H3-G34 Mutation by MRI and Dynamic ¹⁸ F-FET PET. <i>Clinical Nuclear Medicine</i> , 2018, 43, 895-898.	1.3	33
83	Hybrid Cardiac Magnetic Resonance/Fluorodeoxyglucose Positron Emission Tomography to Differentiate Active From Chronic Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 445-456.	5.3	33
84	4-Aminopyridine suppresses positional nystagmus caused by cerebellar vermis lesion. <i>Journal of Neurology</i> , 2013, 260, 321-323.	3.6	32
85	Assessment of image quality of a radiotherapy-specific hardware solution for PET/MRI in head and neck cancer patients. <i>Radiotherapy and Oncology</i> , 2018, 128, 485-491.	0.6	32
86	Comprehensive anatomical and functional imaging in patients with type I neurofibromatosis using simultaneous FDG-PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 776-787.	6.4	32
87	Effects of acute detoxification of the herbal blend Spice Gold™ on dopamine D2/3 receptor availability: A [¹⁸ F]fallypride PET study. <i>European Neuropsychopharmacology</i> , 2013, 23, 1606-1610.	0.7	31
88	Effects of a 6-Month Cognitive Intervention Program on Brain Metabolism in Amnesic Mild Cognitive Impairment and Mild Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 695-706.	2.6	30
89	Improving CT-Based PET Attenuation Correction in the Vicinity of Metal Implants by an Iterative Metal Artifact Reduction Algorithm of CT Data and Its Comparison to Dual-Energy-Based Strategies. <i>Investigative Radiology</i> , 2017, 52, 61-65.	6.2	30
90	Dynamic ¹⁸ F-FET PET is a powerful imaging biomarker in gadolinium-negative gliomas. <i>Neuro-Oncology</i> , 2019, 21, 274-284.	1.2	30

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91	Practice-based evidence for the clinical benefit of PET/CT—results of the first oncologic PET/CT registry in Germany. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 54-64.	6.4	30
92	D2 receptor occupancy during high- and low-dose therapy with the atypical antipsychotic amisulpride: a 123I-iodobenzamide SPECT study. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1028-33.	5.0	30
93	Implementation of the European multicentre database of healthy controls for [123I]FP-CIT SPECT increases diagnostic accuracy in patients with clinically uncertain parkinsonian syndromes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1315-1322.	6.4	29
94	Intention-to-Treat Analysis of ⁶⁸ Ga-PSMA and ¹¹ C-Choline PET/CT Versus CT for Prostate Cancer Recurrence After Surgery. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1359-1365.	5.0	29
95	Multiparametric analysis of bone marrow in cancer patients using simultaneous PET/MR imaging: Correlation of fat fraction, diffusivity, metabolic activity, and anthropometric data. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1048-1056.	3.4	28
96	An IgG α -based bispecific antibody for improved dual targeting in PSMA α -positive cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e11902.	6.9	28
97	Comparison of DCE-MRI kinetic parameters and FMISO-PET uptake parameters in head and neck cancer patients. <i>Medical Physics</i> , 2017, 44, 2358-2368.	3.0	27
98	Altered serotonin and dopamine transporter availabilities in brain of depressed patients upon treatment with escitalopram: A [123I] ² -CIT SPECT study. <i>European Neuropsychopharmacology</i> , 2015, 25, 873-881.	0.7	26
99	Fast non-enhanced abdominal examination protocols in PET/MRI for patients with neuroendocrine tumors (NET): comparison to multiphase contrast-enhanced PET/CT. <i>Radiologia Medica</i> , 2018, 123, 860-870.	7.7	26
100	ADHD in adolescence and adulthood, with a special focus on the dopamine transporter and nicotine. <i>Dialogues in Clinical Neuroscience</i> , 2006, 8, 29-36.	3.7	26
101	Quantitative assessment of cardiac allograft vasculopathy by real-time myocardial contrast echocardiography: A comparison with conventional echocardiographic analyses and [Tc99m]-sestamibi SPECT. <i>European Journal of Echocardiography</i> , 2007, 9, 494-500.	2.3	25
102	Towards tracer dose reduction in PET studies: Simulation of dose reduction by retrospective randomized undersampling of list-mode data. <i>Hellenic Journal of Nuclear Medicine</i> , 2016, 19, 15-8.	0.3	25
103	Combined unsupervised α -supervised classification of multiparametric PET/MRI data: application to prostate cancer. <i>NMR in Biomedicine</i> , 2015, 28, 914-922.	2.8	24
104	Clinical use of cardiac PET/MRI: current state-of-the-art and potential future applications. <i>Japanese Journal of Radiology</i> , 2018, 36, 313-323.	2.4	24
105	Real-space navigation testing differentiates between amyloid-positive and -negative aMCI. <i>Neurology</i> , 2020, 94, e861-e873.	1.1	24
106	Central Insulin Modulates Dopamine Signaling in the Human Striatum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2949-2961.	3.6	24
107	[18F]fluoroethyltyrosine-positron emission tomography-based therapy monitoring after stereotactic iodine-125 brachytherapy in patients with recurrent high-grade glioma. <i>Molecular Imaging</i> , 2013, 12, 137-47.	1.4	24
108	Increase of striatal dopamine transmission in first episode drug-naïve schizophrenic patients as demonstrated by [123I]IBZM SPECT. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 183-189.	1.8	23

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109	Myocardial Perfusion Imaging is Feasible for Infarct Size Quantification in Mice Using a Clinical Single-photon Emission Computed Tomography System Equipped with Pinhole Collimators. <i>Molecular Imaging and Biology</i> , 2010, 12, 427-434.	2.6	23
110	Impact of 18F-FDG-PET/CT on surgical management in patients with advanced melanoma: an outcome based analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1312-1318.	6.4	23
111	Geometric analysis of loco-regional recurrences in relation to pre-treatment hypoxia in patients with head and neck cancer. <i>Acta Oncologica</i> , 2017, 56, 1571-1576.	1.8	23
112	Hypermetabolism in the cerebellum and brainstem and cortical hypometabolism are independently associated with cognitive impairment in Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2387-2395.	6.4	23
113	Methylphenidate Effects on Brain Activity as a Function of SLC6A3 Genotype and Striatal Dopamine Transporter Availability. <i>Neuropsychopharmacology</i> , 2015, 40, 736-745.	5.4	22
114	Robustness of quantitative hypoxia PET image analysis for predicting local tumor control. <i>Acta Oncologica</i> , 2015, 54, 1364-1369.	1.8	22
115	Simulation of Tracer Dose Reduction in 18F-FDG PET/MRI: Effects on Oncologic Reading, Image Quality, and Artifacts. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1699-1705.	5.0	22
116	Dose escalation to hypoxic subvolumes in head and neck cancer: A randomized phase II study using dynamic [18F]FMISO PET/CT. <i>Radiotherapy and Oncology</i> , 2022, 171, 30-36.	0.6	22
117	Surrogate markers for cerebral blood flow correlate with [¹⁸ F]fallypride binding potential at dopamine D _{2/3} receptors in human striatum. <i>Synapse</i> , 2013, 67, 199-203.	1.2	21
118	Comparison of Positron Emission Tomography Quantification Using Magnetic Resonance- and Computed Tomography-Based Attenuation Correction in Physiological Tissues and Lesions. <i>Investigative Radiology</i> , 2016, 51, 66-71.	6.2	21
119	Is there a link between very early changes of primary and secondary lymphoid organs in ¹⁸ F-FDG-PET/MRI and treatment response to checkpoint inhibitor therapy?. , 2020, 8, e000656.		21
120	Pediatric Oncologic Imaging: A Key Application of Combined PET/MRI. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2016, 188, 359-364.	1.3	20
121	Overlap of highly FDG-avid and FMISO hypoxic tumor subvolumes in patients with head and neck cancer. <i>Acta Oncologica</i> , 2017, 56, 1577-1582.	1.8	20
122	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
123	¹⁷⁷ Lu-Prostate-Specific Membrane Antigen Ligand After ²²³ Ra Treatment in Men with Bone-Metastatic Castration-Resistant Prostate Cancer: Real-World Clinical Experience. <i>Journal of Nuclear Medicine</i> , 2022, 63, 410-414.	5.0	19
124	Impact of ¹⁸ F-FET PET/MRI on Clinical Management of Brain Tumor Patients. <i>Journal of Nuclear Medicine</i> , 2022, 63, 522-527.	5.0	19
125	Bilateral temporal lobe epilepsy confirmed with intracranial EEG in chorea-acanthocytosis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 340-342.	2.0	18
126	Determination of Split Renal Function Using Dynamic CT-Angiography: Preliminary Results. <i>PLoS ONE</i> , 2014, 9, e91774.	2.5	18

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127	Sentinel lymph node mapping using SPECT/CT and gamma probe in endometrial cancer: an analysis of parameters affecting detection rate. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1511-1519.	6.4	18
128	Imaging giant cell arteritis and Aortitis in contrast enhanced 18F-FDG PET/CT: Which imaging score correlates best with laboratory inflammation markers?. <i>European Journal of Radiology</i> , 2018, 99, 94-102.	2.6	18
129	Simultaneous whole-body PET/MRI with integrated multiparametric MRI for primary staging of high-risk prostate cancer. <i>World Journal of Urology</i> , 2020, 38, 2513-2521.	2.2	17
130	Impact of PET/CT on clinical management in patients with cancer of unknown primary—a PET/CT registry study. <i>European Radiology</i> , 2020, 30, 1325-1333.	4.5	17
131	Comparing cortical signatures of atrophy between late-onset and autosomal dominant Alzheimer disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102491.	2.7	17
132	Independent brain F-FDG PET attenuation correction using a deep learning approach with Generative Adversarial Networks. <i>Hellenic Journal of Nuclear Medicine</i> , 2019, 22, 179-186.	0.3	17
133	Influence of localization of PSMA-positive oligo-metastases on efficacy of metastasis-directed external-beam radiotherapy—a multicenter retrospective study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1852-1863.	6.4	16
134	Radium-223 for primary bone metastases in patients with hormone-sensitive prostate cancer after radical prostatectomy. <i>Oncotarget</i> , 2017, 8, 44131-44140.	1.8	16
135	Effects of peripheral vascular intervention on ischemia-modified albumin. <i>Coronary Artery Disease</i> , 2007, 18, 375-379.	0.7	15
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