

Giovanni Lucignani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7025062/giovanni-lucignani-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

4,995
citations

39
h-index

64
g-index

204
ext. papers

5,535
ext. citations

6.6
avg, IF

5.12
L-index

#	Paper	IF	Citations
185	Multicenter standardized 18F-FDG PET diagnosis of mild cognitive impairment, Alzheimer's disease, and other dementias. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 390-8	8.9	503
184	Rapid assessment of regional cerebral metabolic abnormalities in single subjects with quantitative and nonquantitative [18F]FDG PET: A clinical validation of statistical parametric mapping. <i>NeuroImage</i> , 1999 , 9, 63-80	7.9	221
183	Presurgical identification of hibernating myocardium by combined use of technetium-99m hexakis 2-methoxyisobutylisonitrile single photon emission tomography and fluorine-18 fluoro-2-deoxy-D-glucose positron emission tomography in patients with coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1993 , 18, 871-81		142
182	Correlation of dose-dependent effects of acute amphetamine administration on behavior and local cerebral metabolism in rats. <i>Brain Research</i> , 1984 , 307, 311-20	3.7	126
181	Measurement of local cerebral blood flow with [14C]iodoantipyrine in the mouse. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988 , 8, 121-9	7.3	120
180	Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. <i>Cancer Cell</i> , 2016 , 30, 257-272	24.3	104
179	The use of standardized uptake values for assessing FDG uptake with PET in oncology: a clinical perspective. <i>Nuclear Medicine Communications</i> , 2004 , 25, 651-6	1.6	99
178	Cardiovascular outcomes after kidney-pancreas and kidney-alone transplantation. <i>Kidney International</i> , 2001 , 60, 1964-71	9.9	94
177	Regional cerebral metabolism of glucose in comatose and vegetative state patients. <i>Journal of Neurosurgical Anesthesiology</i> , 1995 , 7, 109-16	3	90
176	The lumped constant of the deoxyglucose method in hypoglycemia: effects of moderate hypoglycemia on local cerebral glucose utilization in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990 , 10, 499-509	7.3	88
175	Performance evaluation of the new whole-body PET/CT scanner: Discovery ST. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004 , 31, 867-81	8.8	85
174	Sentinel lymph node detection following the hysteroscopic peritumoural injection of 99mTc-labelled albumin nanocolloid in endometrial cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005 , 32, 569-74	8.8	84
173	Individual cerebral metabolic deficits in Alzheimer's disease and amnesic mild cognitive impairment: an FDG PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1357-66	8.8	83
172	5-HT(2A) receptor binding is reduced in drug-naive and unchanged in SSRI-responder depressed patients compared to healthy controls: a PET study. <i>Psychopharmacology</i> , 2003 , 167, 72-8	4.7	75
171	Influence of plasma glucose concentration on lumped constant of the deoxyglucose method: effects of hyperglycemia in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990 , 10, 765-73	7.3	73
170	Errors introduced by tissue heterogeneity in estimation of local cerebral glucose utilization with current kinetic models of the [18F]fluorodeoxyglucose method. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 823-34	7.3	72
169	The use of spectral analysis to determine regional cerebral glucose utilization with positron emission tomography and [18F]fluorodeoxyglucose: theory, implementation, and optimization procedures. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994 , 14, 406-22	7.3	71

168	Reexamination of glucose-6-phosphatase activity in the brain in vivo: no evidence for a futile cycle. <i>Science</i> , 1985 , 229, 60-2	33.3	71
167	Reversal of left ventricular diastolic dysfunction after kidney-pancreas transplantation in type 1 diabetic uremic patients. <i>Diabetes Care</i> , 2000 , 23, 1804-10	14.6	67
166	GABA A receptor abnormalities in Prader-Willi syndrome assessed with positron emission tomography and [¹¹ C]flumazenil. <i>NeuroImage</i> , 2004 , 22, 22-8	7.9	65
165	Specificity and sensitivity of exercise-induced ST segment elevation for detection of residual viability: comparison with fluorodeoxyglucose and positron emission tomography. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 1032-8	15.1	65
164	Invalidity of criticisms of the deoxyglucose method based on alleged glucose-6-phosphatase activity in brain. <i>Journal of Neurochemistry</i> , 1986 , 46, 905-19	6	65
163	Brain single-photon emission tomography with ^{99m} Tc-HMPAO in neuropsychiatric systemic lupus erythematosus: relations with EEG and MRI findings and clinical manifestations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995 , 22, 17-24		63
162	Local cerebral glucose utilization in controlled graded levels of hyperglycemia in the conscious rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988 , 8, 346-56	7.3	62
161	Different patterns of local brain energy metabolism associated with high and low doses of methylphenidate. Relevance to its action in hyperactive children. <i>Biological Psychiatry</i> , 1987 , 22, 126-38	7.9	60
160	Effects of insulin on local cerebral glucose utilization in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987 , 7, 309-14	7.3	55
159	In vivo imaging of immune cell trafficking in cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 949-68	8.8	53
158	Anatomical and biochemical investigation of primary brain tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001 , 28, 1851-72	8.8	52
157	Nitric Oxide Generated by Tumor-Associated Macrophages Is Responsible for Cancer Resistance to Cisplatin and Correlated With Syntaxin 4 and Acid Sphingomyelinase Inhibition. <i>Frontiers in Immunology</i> , 2018 , 9, 1186	8.4	51
156	An automatic classification technique for attenuation correction in positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999 , 26, 447-58	8.8	50
155	Remote effects of subcortical cerebrovascular lesions: a SPECT cerebral perfusion study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988 , 8, 560-7	7.3	49
154	Pre-targeted immunodetection in glioma patients: tumour localization and single-photon emission tomography imaging of [^{99m} Tc]PnAO-biotin. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1994 , 21, 314-21		46
153	Whole-body scintigraphy with ^{99m} Tc-MIBI, ¹⁸ F-FDG and ¹³¹ I in patients with metastatic thyroid carcinoma. <i>Nuclear Medicine Communications</i> , 1997 , 18, 3-9	1.6	45
152	Optimal duration of experimental period in measurement of local cerebral glucose utilization with the deoxyglucose method. <i>Journal of Neurochemistry</i> , 1990 , 54, 307-19	6	45
151	Effects of acute administration of caffeine on local cerebral glucose utilization in the rat. <i>European Journal of Pharmacology</i> , 1984 , 101, 91-100	5.3	44

150	Current concepts on imaging in radiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 821-37	8.8	43
149	Molecular imaging: a new way to study molecular processes in vivo. <i>Molecular and Cellular Endocrinology</i> , 2006 , 246, 69-75	4.4	42
148	Differential distribution of striatal [¹²³ I]beta-CIT in Parkinson's disease and progressive supranuclear palsy, evaluated with single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998 , 25, 1270-6	8.8	41
147	Myocardial insulin resistance associated with chronic hypertriglyceridemia and increased FFA levels in Type 2 diabetic patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H1225-31	5.2	41
146	FDG-PET imaging in HIV-infected subjects: relation with therapy and immunovirological variables. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 640-7	8.8	37
145	Techniques: reporter mice - a new way to look at drug action. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 337-42	13.2	37
144	Patient survival and cardiovascular events after kidney-pancreas transplantation: comparison with kidney transplantation alone in uremic IDDM patients. <i>Cell Transplantation</i> , 2000 , 9, 929-32	4	37
143	Effects of fluvoxamine treatment on the in vivo binding of [F-18]FESP in drug naive depressed patients: a PET study. <i>NeuroImage</i> , 2000 , 12, 452-65	7.9	37
142	Refinement of the kinetic model of the 2-[¹⁴ C]deoxyglucose method to incorporate effects of intracellular compartmentation in brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 290-303	7.3	37
141	Optical imaging probes in oncology. <i>Oncotarget</i> , 2016 , 7, 48753-48787	3.3	37
140	Estimation of component and parameter distributions in spectral analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998 , 18, 1211-22	7.3	35
139	Metabolic and kinetic considerations in the use of [¹²⁵ I]HIPDM for quantitative measurement of regional cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1985 , 5, 86-96	7.3	35
138	Hypoxia-Inducible Factor-1 Activity as a Switch for Glioblastoma Responsiveness to Temozolomide. <i>Frontiers in Oncology</i> , 2018 , 8, 249	5.3	34
137	Brenkov radioactive optical imaging: a promising new strategy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 592-5	8.8	34
136	Molecular imaging of cell-mediated cancer immunotherapy. <i>Trends in Biotechnology</i> , 2006 , 24, 410-8	15.1	34
135	PET/CT in head and neck cancer: an update. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 645-51	8.8	32
134	Feasibility of somatostatin receptor scintigraphy in the detection of occult primary gastro-entero-pancreatic (GEP) neuroendocrine tumours. <i>Nuclear Medicine Communications</i> , 2004 , 25, 445-9	1.6	32
133	SUV and segmentation: pressing challenges in tumour assessment and treatment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 715-20	8.8	31

132	Cerebral D2 and 5-HT2 receptor occupancy in Schizophrenic patients treated with olanzapine or clozapine. <i>Journal of Psychopharmacology</i> , 2004 , 18, 355-65	4.6	31
131	Double-blind stereo-EEG and FDG PET study in severe partial epilepsies: are the electric and metabolic findings related?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996 , 23, 1498-507		30
130	Nanoparticles for concurrent multimodality imaging and therapy: the dawn of new theragnostic synergies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 869-74	8.8	27
129	Oestrogen receptors in meningiomas: a correlative PET and immunohistochemical study. <i>Nuclear Medicine Communications</i> , 1997 , 18, 606-15	1.6	26
128	Respiratory and cardiac motion correction with 4D PET imaging: shooting at moving targets. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 315-9	8.8	25
127	Exercise-induced ischemic arrhythmias in patients with previous myocardial infarction: role of perfusion and tissue viability. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 593-8	15.1	25
126	Indium-111 labelled white blood cell scintigraphy in cranial and spinal septic lesions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000 , 27, 1473-80		24
125	Diagnostic accuracy and predictive value of 201Tl SPET for the differential diagnosis of cerebral lesions in AIDS patients. <i>Nuclear Medicine Communications</i> , 1997 , 18, 741-50	1.6	23
124	Glucose metabolism and pathological findings in uveal melanoma: preliminary results. <i>Nuclear Medicine Communications</i> , 1996 , 17, 1052-6	1.6	22
123	Diagnosis and treatment of pulmonary embolism: a multidisciplinary approach. <i>Multidisciplinary Respiratory Medicine</i> , 2013 , 8, 75	3	21
122	Cellular magnetic resonance with iron oxide nanoparticles: long-term persistence of SPIO signal in the CNS after transplanted cell death. <i>Nanomedicine</i> , 2014 , 9, 1457-74	5.6	21
121	Differentiation of clinically non-functioning pituitary adenomas from meningiomas and craniopharyngiomas by positron emission tomography with [18F]fluoro-ethyl-spiperone. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997 , 24, 1149-55		21
120	PET imaging with hypoxia tracers: a must in radiation therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 838-42	8.8	21
119	Intracellular Redox-Balance Involvement in Temozolomide Resistance-Related Molecular Mechanisms in Glioblastoma. <i>Cells</i> , 2019 , 8,	7.9	20
118	Validation of a new protocol for ^{18}F -FDG infusion using an automatic combined dispenser and injector system. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012 , 39, 1720-9	8.8	20
117	The feasibility of statistical parametric mapping for the analysis of positron emission tomography studies using 11C-2-beta-carbomethoxy-3-beta-(4-fluorophenyl)-tropane in patients with movement disorders. <i>Nuclear Medicine Communications</i> , 2002 , 23, 1047-55	1.6	20
116	Increased interictal cerebral glucose metabolism in a cortical-subcortical network in drug naive patients with cryptogenic temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995 , 59, 427-31	5.5	20
115	Identification of imaging biomarkers for the assessment of tumour response to different treatments in a preclinical glioma model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 1093-105	8.8	19

114	Cerebral glucose metabolism in neurofibromatosis type 1 assessed with [18F]-2-fluoro-2-deoxy-D-glucose and PET. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994 , 57, 1479-83	5.5	19
113	Cerebellar diaschisis in pontine ischemia. A case report with single-photon emission computerized tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987 , 7, 127-31	7.3	19
112	In vivo imaging of lymph node migration of MNP- and (111)In-labeled dendritic cells in a transgenic mouse model of breast cancer (MMTV-Ras). <i>Molecular Imaging and Biology</i> , 2012 , 14, 183-96	3.8	18
111	Long-term risks in hyperthyroid patients treated with radioiodine: is there anything new?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1504-9	8.8	18
110	Systemic and cerebral kinetics of 16 alpha [18F]fluoro-17 beta-estradiol: a ligand for the in vivo assessment of estrogen receptor binding parameters. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995 , 15, 301-11	7.3	18
109	Validation of an engineered cell model for in vitro and in vivo HIF-1 α evaluation by different imaging modalities. <i>Molecular Imaging and Biology</i> , 2014 , 16, 210-23	3.8	17
108	MRI, antibody-guided scintigraphy, and glucose metabolism in uveal melanoma. <i>Journal of Computer Assisted Tomography</i> , 1992 , 16, 77-83	2.2	17
107	Immunological Characterization of Whole Tumour Lysate-Loaded Dendritic Cells for Cancer Immunotherapy. <i>PLoS ONE</i> , 2016 , 11, e0146622	3.7	17
106	Doctor, what does my future hold? The prognostic value of FDG-PET in solid tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1032-8	8.8	16
105	Pivotal role of nanotechnologies and biotechnologies for molecular imaging and therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 849-51	8.8	16
104	Identification and revascularization of hibernating myocardium in angina-free patients with left ventricular dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , 1994 , 8, 139-44	3	16
103	In vivo metabolism and kinetics of 99mTc-HMPAO. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1990 , 16, 249-55		16
102	The many roads to infection imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1873-7	8.8	15
101	Spatial registration of echocardiographic and positron emission tomographic heart studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995 , 22, 243-7		15
100	Assessment of myocardial perfusion and viability with technetium-99m methoxyisobutylisonitrile and thallium-201 rest redistribution in chronic coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995 , 22, 1306-12		15
99	Measurement of brain deoxyglucose metabolism by NMR. <i>Science</i> , 1986 , 232, 776-7	33.3	15
98	Effects of systemically administered cholecystokinin-octapeptide on local cerebral metabolism. <i>European Journal of Pharmacology</i> , 1984 , 101, 147-51	5.3	15
97	. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 537-544	1.7	14

96	Alpha-particle radioimmunotherapy with astatine-211 and bismuth-213. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1729-33	8.8	14
95	Comparative analysis of full-time, half-time, and quarter-time myocardial ECG-gated SPECT quantification in normal-weight and overweight patients. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 876-887 ^{2,1}		13
94	Time dependence of residual tissue viability after myocardial infarction assessed by [18F]fluorodeoxyglucose and positron emission tomography. <i>American Journal of Cardiology</i> , 1993 , 72, 131G-139G	3	13
93	Correlation between 123I-FP-CIT brain SPECT and parkinsonism in dementia with Lewy bodies: caveat for clinical use. <i>Clinical Nuclear Medicine</i> , 2015 , 40, 32-5	1.7	12
92	Multi-field-of-view SPECT is superior to whole-body scanning for assessing metastatic bone disease in patients with prostate cancer. <i>Tumori</i> , 2011 , 97, 629-633	1.7	12
91	Time-of-flight PET and PET/MRI: recurrent dreams or actual realities?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 969-71	8.8	12
90	Accuracy and clinical correlates of two different methods for chromogranin A assay in neuroendocrine tumors. <i>International Journal of Biological Markers</i> , 2004 , 19, 295-304	2.8	12
89	FDG-PET for early assessment of Alzheimer's disease: isn't the evidence base large enough?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1604-9	8.8	11
88	Cancer modeling: modern imaging applications in the generation of novel animal model systems to study cancer progression and therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1288-96	5.6	11
87	. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 86-92	1.7	11
86	The dynamics of estrogen receptor activity. <i>Maturitas</i> , 2006 , 54, 315-20	5	11
85	Effective treatment of bone metastases from a neuroendocrine tumour of the pancreas with high activities of Indium-111-pentetreotide. <i>European Journal of Endocrinology</i> , 2003 , 149, 479-83	6.5	11
84	Imaging biomarkers: from research to patient care--a shift in view. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1693-7	8.8	10
83	PET in psychopharmacology. <i>Pharmacological Research</i> , 2001 , 44, 151-9	10.2	10
82	Positron emission tomography in neuronal ceroid lipofuscinosis (Jansky-Bielschowsky disease): a case report. <i>Brain and Development</i> , 1994 , 16, 459-62	2.2	10
81	Differences in polar-map patterns using the novel technologies for myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1626-1636	2.1	9
80	Evaluation of renal function in elderly patients: performance of creatinine-based formulae versus the isotopic method using 99mTc-diethylene triamine pentaacetic acid. <i>Nuclear Medicine Communications</i> , 2014 , 35, 416-22	1.6	9
79	Hybrid versus fusion imaging: are we moving forward judiciously?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 973-9	8.8	9

78	Why does the agonist [(18)F]FP-TZTP bind preferentially to the M(2) muscarinic receptor?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 292-300	8.8	9
77	Comparative analysis of iterative reconstruction algorithms with resolution recovery and new solid state cameras dedicated to myocardial perfusion imaging. <i>Physica Medica</i> , 2017 , 41, 109-116	2.7	8
76	In vivo imaging for stem cell therapy: new developments and future challenges. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 400-5	8.8	8
75	Radiation exposure, protection and risk from nuclear medicine procedures. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1225-31	8.8	8
74	Pancreatic cancer or chronic pancreatitis? An answer from PET/MRI image fusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004 , 31, 1352	8.8	8
73	In vivo neurochemistry with emission tomography and magnetic resonance spectroscopy: clinical applications. <i>European Radiology</i> , 2002 , 12, 2582-99	8	8
72	Development of a bicistronic vector for multimodality imaging of estrogen receptor activity in a breast cancer model: preliminary application. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 365-78	8.8	7
71	Aptamers and in-beam PET for advanced diagnosis and therapy optimisation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 1095-7	8.8	7
70	Myocardial glucose uptake evaluated by positron emission tomography and fluorodeoxyglucose during hyperglycemic clamp in IDDM patients. Role of free fatty acid and insulin levels. <i>Diabetes</i> , 1995 , 44, 537-542	0.9	7
69	In vivo imaging study of angiogenesis in a channelized porous scaffold. <i>Molecular Imaging</i> , 2015 , 14,	3.7	6
68	Clinical applications of PET amyloid imaging: an update. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1185-90	8.8	6
67	Monitoring cancer therapy with PET: probably effective, but more research is needed. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1520-5	8.8	6
66	PET, CT and MRI characterisation of the atherosclerotic plaque. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 2398-402	8.8	6
65	HICAM: development of a high-resolution Anger Camera for Nuclear Medicine 2008 ,		6
64	Labeling peptides with PET radiometals: VulcanS forge. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 209-15	8.8	6
63	PET-MRI synergy in molecular, functional and anatomical cancer imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1550-3	8.8	6
62	Early-stage breast cancer: risk of heart disease and lung cancer. <i>Lancet Oncology, The</i> , 2005 , 6, 539-40	21.7	6
61	SPET imaging of cerebral perfusion in patients with non-refractory temporal lobe epilepsy. <i>Acta Neurologica Scandinavica</i> , 1993 , 87, 268-74	3.8	6

60	Facts and trends in cerebral blood flow and metabolism: synopsis of brain 39 . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 573-8	7.3	6
59	FDG-PET in gynaecological cancers: recent observations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 2133-9	8.8	5
58	Acute effect of 3-(4-acetamido)-butyrril-lorazepam (DDS2700) on brain function assessed by PET at rest and during attentive tasks. <i>Nuclear Medicine Communications</i> , 2001 , 22, 399-404	1.6	5
57	Relation between dobutamine trans-thoracic echocardiography, 99Tcm-MIBI and 18FDG uptake in chronic coronary artery disease. <i>Nuclear Medicine Communications</i> , 1995 , 16, 548-57	1.6	5
56	Metabolic imaging of uveal melanoma using positron emission tomography. <i>JAMA Ophthalmology</i> , 1990 , 108, 326-7		5
55	Labeling protocols for in vivo tracking of human skeletal muscle cells (HskMCs) by magnetic resonance and bioluminescence imaging. <i>Molecular Imaging and Biology</i> , 2012 , 14, 47-59	3.8	4
54	PET/CT in paediatric oncology: clinical usefulness and dosimetric concerns. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 179-84	8.8	4
53	Dementia with Lewy bodies with supranuclear gaze palsy: a matter of diagnosis. <i>Neurological Sciences</i> , 2005 , 26, 358-61	3.5	4
52	99mTc-2GAM: a tracer for renal imaging. <i>Nuclear Medicine and Biology</i> , 1996 , 23, 927-33	2.1	4
51	2010 ,		3
50	Diagnosing pulmonary embolism: clinical problem or methodological issue?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 522-8	8.8	3
49	Progress and challenges in neuroendocrine and neural crest tumours: molecular imaging and therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 2081-8	8.8	3
48	Radiation burden in myocardial imaging: an old concern in the new age of hi-tech, hybrid imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 169-74	8.8	3
47	Myocardial viability assessed with fluorodeoxyglucose and PET in patients with Q wave myocardial infarction receiving thrombolysis: relationship to coronary anatomy and ventricular function. <i>Nuclear Medicine Communications</i> , 1997 , 18, 191-9	1.6	3
46	Non-standard PET radionuclides: time to get ready for new clinical PET strategies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 294-300	8.8	3
45	How early? ASAP: molecular and functional imaging!. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 596-601	8.8	3
44	Data acquisition and analysis: the strength of methodology in nuclear medicine and molecular imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 1513-6	8.8	3
43	Single pinhole and coded aperture collimation systems for high-resolution gamma-ray imaging in nuclear medicine: a comparative study		3

42	Variability of [18F]FDG administered activities among patients undergoing PET examinations: an international multicenter survey. <i>Radiation Protection Dosimetry</i> , 2016 , 168, 337-42	0.9	2
41	Integration of imaging biomarkers into systems biomedicine: a renaissance for medical imaging. <i>Clinical and Translational Imaging</i> , 2019 , 7, 149-153	2	2
40	Amyloid imaging with PET: methodological issues and correlative studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1009-14	8.8	2
39	Metaiodobenzylguanidine (mIBG) molecular imaging in implantable cardioverter defibrillator (ICD) therapy planning: a health technology assessment issue. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1346-50	8.8	2
38	Recent advances in the assessment of myocardial viability. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1892-5	8.8	2
37	Molecular imaging in cognitive impairment: the relevance of cognitive reserve, importance of multisite longitudinal trials and challenges of standardised analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 399-404	8.8	2
36	Molecular imaging is indispensable for the development of stem cell-based myocardial regenerative therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 422-5	8.8	2
35	The emergence of MRI and MSCT cardiac imaging: nuclear cardiology is not the only actor on the stage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 787-793	8.8	2
34	Bone and marrow imaging: do we know what we see and do we see what we want to know?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1123-6	8.8	2
33	Oesophageal cancer: can imaging improve its assessment?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1921-7	8.8	2
32	PET/CT cardiology: an area whose boundaries are still out of sight. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 621-3	8.8	2
31	The neuroimaging approach to the assessment of mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 745-8	8.8	2
30	Customized imaging for children and obese people: key issues and strategies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 1364-8	8.8	2
29	Regional glucose utilization in infarcted and remote myocardium: its relation to coronary anatomy and perfusion. <i>Nuclear Medicine Communications</i> , 1998 , 19, 625-32	1.6	2
28	Impact of non-specific normal databases on perfusion quantification of low-dose myocardial SPECT studies. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 775-785	2.1	2
27	18F-FDG PET/CT in Bladder Cancer. <i>Clinical Nuclear Medicine</i> , 2016 , 41, e522-e524	1.7	1
26	Imaging Cell Trafficking in Cancer Research 2012 , 905-948		1
25	PET-guided prostate cancer radiotherapy: technological innovations for dose delivery optimisation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1426-9	8.8	1

24	Imaging atherosclerosis in the vulnerable patient. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 143-6	8.8	1
23	Hints on new applications of emission tomography and magnetic resonance in neuro-oncology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1310-5	8.8	1
22	Cardiac sympathetic denervation imaging in movement disorders and dementias. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 681-5	8.8	1
21	Advances in prostate cancer imaging techniques and strategies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1019-25	8.8	1
20	Clinical use of dopamine transporter imaging in movement disorders: benefits of appropriate use. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1213-7	8.8	1
19	The immune system and cancer: the evolving role of molecular imaging and molecular targeted therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 503-5	8.8	1
18	Sentinel lymph node biopsy: vision, multicentre trials, professional and technological synergy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 1238-41	8.8	1
17	Imaging in cancer therapy and drug development. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 386-8	8.8	1
16	A procedure for wall detection in [18F]FDG positron emission tomography heart studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996 , 23, 18-24		1
15	Relation between myocardial 18F-FDG uptake in the fasting state and coronary angiography in patients with coronary artery disease. <i>Nuclear Medicine Communications</i> , 1994 , 15, 311-6	1.6	1
14	Neuroimaging: a story of physicians and basic scientists. <i>Functional Neurology</i> , 2006 , 21, 133-6	2.2	1
13	A reliable indirect cell-labelling protocol for optical imaging allows ex vivo visualisation of mesenchymal stem cells after transplantation. <i>Archives Italiennes De Biologie</i> , 2013 , 151, 114-25	1.1	1
12	Nuclear medicine: what kind of quality would we want if we were the patient?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 2194-8	8.8	0
11	Assessment of residual viability by enoximone echocardiography in patients with previous myocardial infarction correlation with positron emission tomographic studies and functional follow-up. <i>Echocardiography</i> , 2010 , 27, 544-51	1.5	
10	Beyond haematuria in uro oncology: imaging biomarkers lag behind needs. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 152-7	8.8	
9	Advances in quantitative assessment of myocardial blood flow and coronary reserve. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 1687-92	8.8	
8	Clinical neuroimaging: a matter of biophysics and logistics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 951-6	8.8	
7	Rubor, calor, tumor, dolor, functio laesa... or molecular imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 2135-41	8.8	

- 6 Facts and figures on CAD assessment with SPECT and PET-CT. *European Journal of Nuclear Medicine and Molecular Imaging*, **2008**, 35, 439-45 8.8
- 5 The power of synergy in the mediastinal staging of lung cancer. *European Journal of Nuclear Medicine and Molecular Imaging*, **2008**, 35, 1388-91 8.8
- 4 Hi-tech systems for in-vivo image-guided preclinical radiobiology. *European Journal of Nuclear Medicine and Molecular Imaging*, **2008**, 35, 2334-8 8.8
- 3 Cholecystokinin Octapeptide's Effect on Local Cerebral Glucose Utilization in the Laboratory Rat. *Annals of the New York Academy of Sciences*, **1985**, 448, 663-665 6.5
- 2 PET Imaging of Breast Cancer Molecular Biomarkers **2008**, 145-156
- 1 Optical Imaging Agents **2021**, 603-625