

Giovanni Lucignani

List of Publications by Year in Descending Order

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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	Optical Imaging Agents 2021 , 603-625		
184	Integration of imaging biomarkers into systems biomedicine: a renaissance for medical imaging. <i>Clinical and Translational Imaging</i> , 2019 , 7, 149-153	2	2
183	Intracellular Redox-Balance Involvement in Temozolomide Resistance-Related Molecular Mechanisms in Glioblastoma. <i>Cells</i> , 2019 , 8,	7.9	20
182	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
181	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
180	Hypoxia-Inducible Factor-1 α Activity as a Switch for Glioblastoma Responsiveness to Temozolomide. <i>Frontiers in Oncology</i> , 2018 , 8, 249	5.3	34
179	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
178	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
177	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
176	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
175	18F-FDG PET/CT in Bladder Cancer. <i>Clinical Nuclear Medicine</i> , 2016 , 41, e522-e524	1.7	1
174	Optical imaging probes in oncology. <i>Oncotarget</i> , 2016 , 7, 48753-48787	3.3	37
173	Immunological Characterization of Whole Tumour Lysate-Loaded Dendritic Cells for Cancer Immunotherapy. <i>PLoS ONE</i> , 2016 , 11, e0146622	3.7	17
172	Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. <i>Cancer Cell</i> , 2016 , 30, 257-272	24.3	104
171	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
170	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
169	In vivo imaging study of angiogenesis in a channelized porous scaffold. <i>Molecular Imaging</i> , 2015 , 14,	3.7	6

168	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
167	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
166	Evaluation of renal function in elderly patients: performance of creatinine-based formulae versus the isotopic method using ^{99m} Tc-diethylene triamine pentaacetic acid. <i>Nuclear Medicine Communications</i> , 2014 , 35, 416-22	1.6	9
165	Diagnosis and treatment of pulmonary embolism: a multidisciplinary approach. <i>Multidisciplinary Respiratory Medicine</i> , 2013 , 8, 75	3	21
164	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
163	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
162	. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 537-544	1.7	14
161	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
160	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
159	Imaging Cell Trafficking in Cancer Research 2012 , 905-948		1
158	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
157	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
156	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
155	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
154	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
153	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	
152	2010 ,		3
151	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

150	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
149	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
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	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	
140	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
139	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
138	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
137	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
136	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
135	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
134	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
133	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

132	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
131	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	
130	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
129	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
128	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
127	HICAM: development of a high-resolution Anger Camera for Nuclear Medicine 2008 ,		6
126	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
125	Current concepts on imaging in radiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 821-37	8.8	43
124	Labeling peptides with PET radiometals: Vulcan's forge. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 209-15	8.8	6
123	Facts and figures on CAD assessment with SPECT and PET-CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 439-45	8.8	
122	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
121	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
120	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
119	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
118	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
117	The power of synergy in the mediastinal staging of lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1388-91	8.8	
116	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
115	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

114	Oesophageal cancer: can imaging improve its assessment?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 1921-7	8.8	2
113	FDG-PET in gynaecological cancers: recent observations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 2133-9	8.8	5
112	Hi-tech systems for in-vivo image-guided preclinical radiobiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 2334-8	8.8	
111	PET Imaging of Breast Cancer Molecular Biomarkers 2008 , 145-156		
110	Imaging atherosclerosis in the vulnerable patient. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 143-6	8.8	1
109	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
108	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
107	How early? ASAP: molecular and functional imaging!. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 596-601	8.8	3
106	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
105	Clinical neuroimaging: a matter of biophysics and logistics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 951-6	8.8	
104	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
103	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
102	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
101	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
100	The many roads to infection imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1873-7	8.8	15
99	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	
98	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
97	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

96	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
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	Imaging in cancer therapy and drug development. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 386-8	8.8	1
86	Molecular imaging of cell-mediated cancer immunotherapy. <i>Trends in Biotechnology</i> , 2006 , 24, 410-8	15.1	34
85	. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 86-92	1.7	11
84	The dynamics of estrogen receptor activity. <i>Maturitas</i> , 2006 , 54, 315-20	5	11
83	Molecular imaging: a new way to study molecular processes in vivo. <i>Molecular and Cellular Endocrinology</i> , 2006 , 246, 69-75	4.4	42
82	Neuroimaging: a story of physicians and basic scientists. <i>Functional Neurology</i> , 2006 , 21, 133-6	2.2	1
81	Early-stage breast cancer: risk of heart disease and lung cancer. <i>Lancet Oncology</i> , 2005 , 6, 539-40	21.7	6
80	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
79	Dementia with Lewy bodies with supranuclear gaze palsy: a matter of diagnosis. <i>Neurological Sciences</i> , 2005 , 26, 358-61	3.5	4

78	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
77	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
76	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
75	Techniques: reporter mice - a new way to look at drug action. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 337-42	13.2	37
74	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
73	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
72	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
71	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
70	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
69	5-HT(2A) receptor binding is reduced in drug-naïve and unchanged in SSRI-responder depressed patients compared to healthy controls: a PET study. <i>Psychopharmacology</i> , 2003 , 167, 72-8	4.7	75
68	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
67	In vivo neurochemistry with emission tomography and magnetic resonance spectroscopy: clinical applications. <i>European Radiology</i> , 2002 , 12, 2582-99	8	8
66	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
65	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
64	Cardiovascular outcomes after kidney-pancreas and kidney-alone transplantation. <i>Kidney International</i> , 2001 , 60, 1964-71	9.9	94
63	PET in psychopharmacology. <i>Pharmacological Research</i> , 2001 , 44, 151-9	10.2	10
62	Acute effect of 3-(4-acetamido)-butyryl-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
61	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

60	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
59	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
58	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
57	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
56	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
55	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
54	Differential distribution of striatal [123I]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
53	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
52	Whole-body scintigraphy with 99Tcm-MIBI, 18F-FDG and 131I in patients with metastatic thyroid carcinoma. <i>Nuclear Medicine Communications</i> , 1997 , 18, 3-9	1.6	45
51	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
50	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
49	Oestrogen receptors in meningiomas: a correlative PET and immunohistochemical study. <i>Nuclear Medicine Communications</i> , 1997 , 18, 606-15	1.6	26
48	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
47	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
46	99mTc-2GAM: a tracer for renal imaging. <i>Nuclear Medicine and Biology</i> , 1996 , 23, 927-33	2.1	4
45	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
44	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
43	Glucose metabolism and pathological findings in uveal melanoma: preliminary results. <i>Nuclear Medicine Communications</i> , 1996 , 17, 1052-6	1.6	22

42	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
41	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
40	Brain single-photon emission tomography with 99mTc-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
39	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
38	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
37	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
36	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
35	Regional cerebral metabolism of glucose in comatose and vegetative state patients. <i>Journal of Neurosurgical Anesthesiology</i> , 1995 , 7, 109-16	3	90
34	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
33	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
32	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
31	Pre-targeted immunodetection in glioma patients: tumour localization and single-photon emission tomography imaging of [99mTc]PnAO-biotin. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1994 , 21, 314-21		46
30	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
29	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
28	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
27	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
26	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
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1	Single pinhole and coded aperture collimation systems for high-resolution gamma-ray imaging in nuclear medicine: a comparative study		3