

Christophe M Deroose

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.

144
papers

4,701
citations

31
h-index

66
g-index

156
ext. papers

5,453
ext. citations

5.4
avg, IF

5.04
L-index

#	Paper	IF	Citations
144	Segmentation-guided multi-modal registration of liver images for dose estimation in SIRT.. <i>EJNMMI Physics</i> , 2022 , 9, 3	4.4	0
143	Value of [Ga]Ga-somatostatin receptor PET/CT in the grading of pulmonary neuroendocrine (carcinoid) tumours and the detection of disseminated disease: single-centre pathology-based analysis and review of the literature.. <i>EJNMMI Research</i> , 2022 , 12, 28	3.6	0
142	Diagnostic Yield of 18F-FDG PET After Lung Transplantation: A Single-center, Retrospective Cohort Study. <i>Transplantation</i> , 2021 , 105, 1603-1609	1.8	
141	Influence of medication and PTH levels on detection of parathyroid adenomas with dual isotope parathyroid scintigraphy. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 11, 207-217 ^{2.2}	2.2	1
140	The role of microscopic bone marrow examination and [I]MIBG scintigraphy in detection of bone marrow involvement in patients with neuroblastoma. <i>Acta Clinica Belgica</i> , 2021 , 1-6	1.8	
139	Bone Metastases Are Measurable: The Role of Whole-Body MRI and Positron Emission Tomography. <i>Frontiers in Oncology</i> , 2021 , 11, 772530	5.3	2
138	D-Peptide-Based Probe for CXCR4-Targeted Molecular Imaging and Radionuclide Therapy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
137	Fat Induces Glucose Metabolism in Nontransformed Liver Cells and Promotes Liver Tumorigenesis. <i>Cancer Research</i> , 2021 , 81, 1988-2001	10.1	7
136	Parameters predicting [F]PSMA-1007 scan positivity and type and number of detected lesions in patients with biochemical recurrence of prostate cancer. <i>EJNMMI Research</i> , 2021 , 11, 41	3.6	3
135	Bismuth-213 for Targeted Radionuclide Therapy: From Atom to Bedside. <i>Pharmaceutics</i> , 2021 , 13,	6.4	9
134	⁶⁸ Ga-DOTATATE PET/CT Distinguishes Neuroendocrine Tumor Mesenteric Lymph Node Metastasis From an Extensive IgG4-Positive Fibrosis Surrounding It. <i>Clinical Nuclear Medicine</i> , 2021 , 46, e510-e512	1.7	1
133	Improved resolution and sensitivity of [F]MFBG PET compared with [I]MIBG SPECT in a patient with a norepinephrine transporter-expressing tumour. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 313-315	8.8	7
132	Valproic acid stimulates myogenesis in pluripotent stem cell-derived mesodermal progenitors in a NOTCH-dependent manner. <i>Cell Death and Disease</i> , 2021 , 12, 677	9.8	2
131	F-FDG PET/CT Sheds Light on a Case of Hyponatremia. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1653-1654	8.9	
130	Radiolabeling of Human Serum Albumin With Terbium-161 Using Mild Conditions and Evaluation of Stability. <i>Frontiers in Medicine</i> , 2021 , 8, 675122	4.9	1
129	ENETS standardized (synoptic) reporting for molecular imaging studies in neuroendocrine tumours. <i>Journal of Neuroendocrinology</i> , 2021 , e13040	3.8	4
128	Semi-Quantitative Characterization of Post-Transplant Lymphoproliferative Disorder Morphological Subtypes with [F]FDG PET/CT. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2

127	International recommendations for personalised selective internal radiation therapy of primary and metastatic liver diseases with yttrium-90 resin microspheres. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1570-1584	8.8	44
126	Peptide Receptor Radionuclide Therapy Targeting the Somatostatin Receptor: Basic Principles, Clinical Applications and Optimization Strategies.. <i>Cancers</i> , 2021 , 14,	6.6	3
125	Disseminated histoplasmosis in a kidney liver transplant patient from a non-endemic area: A diagnostic challenge. <i>IDCases</i> , 2020 , 22, e00971	2	2
124	Establishment, Characterization, and Imaging of a First Platinum-resistant Penile Cancer Patient-derived Xenograft in Nude Mice: A eUROGEN Project. <i>European Urology</i> , 2020 , 78, 294-296	10.2	4
123	Myoblasts Tracking Using the Sodium Iodide Symporter Gene Expression in Dogs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 17, 317-327	6.4	4
122	Characterization of a preclinical PET insert in a 7 tesla MRI scanner: beyond NEMA testing. <i>Physics in Medicine and Biology</i> , 2020 , 65, 245016	3.8	13
121	[F]AlF-NOTA-octreotide PET imaging: biodistribution, dosimetry and first comparison with [Ga]Ga-DOTATATE in neuroendocrine tumour patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 3033-3046	8.8	21
120	Influence of pretreatment with everolimus or sunitinib on the subacute hematotoxicity of Lu-DOTATATE PRRT. <i>Acta Oncologica</i> , 2020 , 59, 644-651	3.2	6
119	Radioguided Surgery for Meckel Diverticulum: Nuclear Medicine Aspects. <i>Clinical Nuclear Medicine</i> , 2020 , 45, 232-233	1.7	
118	Automated GMP compliant production of [F]AlF-NOTA-octreotide. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020 , 5, 4	5.8	16
117	Impact of liver tumour burden, alkaline phosphatase elevation, and target lesion size on treatment outcomes with Lu-Dotatate: an analysis of the NETTER-1 study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2372-2382	8.8	39
116	An Extraordinary Case of Brown Fat Distribution. <i>Clinical Nuclear Medicine</i> , 2020 , 45, e160-e161	1.7	0
115	Could Autoimmune Disease Contribute to the Abscopal Effect in Metastatic Hepatocellular Carcinoma?. <i>Hepatology</i> , 2020 , 72, 1152-1154	11.2	3
114	Whole liver segmentation based on deep learning and manual adjustment for clinical use in SIRT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2742-2752	8.8	18
113	Simultaneous in vivo PET/MRI using fluorine-18 labeled FeO@Al(OH) nanoparticles: comparison of nanoparticle and nanoparticle-labeled stem cell distribution. <i>EJNMMI Research</i> , 2020 , 10, 73	3.6	15
112	Molecular imaging of norepinephrine transporter-expressing tumors: current status and future prospects. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 64, 234-249	1.4	2
111	Quantitative comparison of pre-treatment predictive and post-treatment measured dosimetry for selective internal radiation therapy using cone-beam CT for tumor and liver perfusion territory definition. <i>EJNMMI Research</i> , 2020 , 10, 94	3.6	1
110	Inflammation-Based Index and Ga-DOTATOC PET-Derived Uptake and Volumetric Parameters Predict Outcome in Neuroendocrine Tumor Patients Treated with Y-DOTATOC. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1014-1020	8.9	11

109	Peptide receptor radionuclide therapy controls inappropriate calcitriol secretion in a pancreatic neuro-endocrine tumor: a case report. <i>BMC Gastroenterology</i> , 2020 , 20, 324	3	
108	Non-invasive characterization of amyotrophic lateral sclerosis in a hTDP-43 mouse model: A PET-MR study. <i>NeuroImage: Clinical</i> , 2020 , 27, 102327	5.3	3
107	Multi-modal image analysis for semi-automatic segmentation of the total liver and liver arterial perfusion territories for radioembolization. <i>EJNMMI Research</i> , 2019 , 9, 19	3.6	12
106	Personalised radioembolization improves outcomes in refractory intra-hepatic cholangiocarcinoma: a multicenter study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2270-2279	8.8	27
105	AlF-NOTA-octreotide: first comparison with Ga-DOTATATE in a neuroendocrine tumour patient. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2398-2399	8.8	14
104	Anatomical mapping of lymph nodes in patients receiving salvage lymphadenectomy based on a positive 11C-choline positron emission tomography/computed tomography scan. <i>Central European Journal of Urology</i> , 2019 , 72, 232-239	0.9	2
103	Development of Superparamagnetic Nanoparticles Coated with Polyacrylic Acid and Aluminum Hydroxide as an Efficient Contrast Agent for Multimodal Imaging. <i>Nanomaterials</i> , 2019 , 9,	5.4	27
102	Noninvasive Monitoring of Suicide Gene Therapy by Using Multimodal Molecular Imaging. <i>Methods in Molecular Biology</i> , 2019 , 1895, 123-134	1.4	1
101	Is central lung tumour location really predictive for occult mediastinal nodal disease in (suspected) non-small-cell lung cancer staged cN0 on 18F-fluorodeoxyglucose positron emission tomography-computed tomography?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 134-140	3	15
100	Joint Reconstruction of Activity and Attenuation in Time-of-Flight PET: A Quantitative Analysis. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1630-1635	8.9	22
99	Tri-modal In vivo Imaging of Pancreatic Islets Transplanted Subcutaneously in Mice. <i>Molecular Imaging and Biology</i> , 2018 , 20, 940-951	3.8	9
98	The human somatostatin receptor type 2 as an imaging and suicide reporter gene for pluripotent stem cell-derived therapy of myocardial infarction. <i>Theranostics</i> , 2018 , 8, 2799-2813	12.1	11
97	Mixed response on regorafenib treatment for GIST (gastro-intestinal stromal tumor) according to F-FDG-PET/CT. <i>BMC Cancer</i> , 2018 , 18, 253	4.8	1
96	An unusual presentation of a more common disease entity. <i>Breathe</i> , 2018 , 14, 49-53	1.8	
95	18F-FDG PET/CT and MRI of a Mediastinal Malignant Granular Cell Tumor With Associated Recurrent Pericarditis. <i>Clinical Nuclear Medicine</i> , 2018 , 43, 589-590	1.7	4
94	Somatostatin receptor PET ligands - the next generation for clinical practice. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 8, 311-331	2.2	48
93	An uncommon histopathological diagnosis. <i>Breathe</i> , 2018 , 14, 311-316	1.8	
92	PET imaging in adaptive radiotherapy of gastrointestinal tumors. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 62, 385-403	1.4	6

91	Use of modern imaging methods to facilitate trials of metastasis-directed therapy for oligometastatic disease in prostate cancer: a consensus recommendation from the EORTC Imaging Group. <i>Lancet Oncology, The</i> , 2018 , 19, e534-e545	21.7	65
90	Is there a different dose-effect relation between the primary tumor and involved lymph nodes in locally advanced non-small-cell lung cancer? A hypothesis-generating study. <i>Acta Oncologica</i> , 2017 , 56, 541-547	3.2	4
89	Safety and efficacy of doxorubicin-eluting superabsorbent polymer microspheres for the treatment of liver metastases from neuroendocrine tumours: preliminary results. <i>Radiology and Oncology</i> , 2017 , 51, 74-80	3.8	6
88	Multipotent adult progenitor cells improve the hematopoietic function in myelodysplasia. <i>Cytotherapy</i> , 2017 , 19, 744-755	4.8	2
87	Fibrous dysplasia mimicking bone metastasis on GA-PSMA PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1607-1608	8.8	36
86	Molecular Imaging of Human Embryonic Stem Cells Stably Expressing Human PET Reporter Genes After Zinc Finger Nuclease-Mediated Genome Editing. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1659-1665	8.9	11
85	MicroRNAs promote skeletal muscle differentiation of mesodermal iPSC-derived progenitors. <i>Nature Communications</i> , 2017 , 8, 1249	17.4	14
84	Quantitative imaging outperforms molecular markers when predicting response to chemoradiotherapy for rectal cancer. <i>Radiotherapy and Oncology</i> , 2017 , 124, 104-109	5.3	29
83	Safety and Efficacy of Transarterial Radioembolisation in Patients with Intermediate or Advanced Stage Hepatocellular Carcinoma Refractory to Chemoembolisation. <i>CardioVascular and Interventional Radiology</i> , 2017 , 40, 1882-1890	2.7	13
82	Hepatic radiation injury mimicking metastasis in distal esophageal cancer. <i>Acta Chirurgica Belgica</i> , 2017 , 117, 250-255	0.9	1
81	Comparison of diagnostic accuracy of (111)In-pentetreotide SPECT and (68)Ga-DOTATOC PET/CT: A lesion-by-lesion analysis in patients with metastatic neuroendocrine tumours. <i>European Radiology</i> , 2016 , 26, 900-9	8	63
80	A 65-Year-Old Patient with Superior Vena Cava Syndrome and Bone Metastases. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 2033-2035	8.9	
79	Patterns of Locoregional Relapses in Patients with Contemporarily Staged Stage III-N2 NSCLC Treated with Induction Chemotherapy and Resection: Implications for Postoperative Radiotherapy Target Volumes. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 1538-49	8.9	12
78	Optimal gross tumor volume definition in lung-sparing intensity modulated radiotherapy for pleural mesothelioma: an in silico study. <i>Acta Oncologica</i> , 2016 , 55, 1450-1455	3.2	5
77	Molecular Imaging of Gastroenteropancreatic Neuroendocrine Tumors: Current Status and Future Directions. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1949-1956	8.9	89
76	Metastatic HER-2-positive salivary gland carcinoma treated with trastuzumab and a taxane: a series of six patients. <i>Acta Clinica Belgica</i> , 2016 , 71, 383-388	1.8	16
75	Selective mediastinal node irradiation in non-small cell lung cancer in the IMRT/VMAT era: How to use E(B)US-NA information in addition to PET-CT for delineation?. <i>Radiotherapy and Oncology</i> , 2016 , 120, 273-8	5.3	27
74	Yttrium-90 radioembolization for the treatment of chemorefractory colorectal liver metastases: Technical results, clinical outcome and factors potentially influencing survival. <i>Acta Oncologica</i> , 2016 , 55, 486-95	3.2	20

73	Central tumour location should be considered when comparing N1 upstaging between thoroscopic and open surgery for clinical stage I non-small-cell lung cancer. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 110-7	3	26
72	The microRNA-29 Family Dictates the Balance Between Homeostatic and Pathological Glucose Handling in Diabetes and Obesity. <i>Diabetes</i> , 2016 , 65, 53-61	0.9	92
71	Increased Understanding of Stem Cell Behavior in Neurodegenerative and Neuromuscular Disorders by Use of Noninvasive Cell Imaging. <i>Stem Cells International</i> , 2016 , 2016, 6235687	5	12
70	Dynamic 68Ga-DOTATOC PET/CT and static image in NET patients. Correlation of parameters during PRRT. <i>Nuklearmedizin - NuclearMedicine</i> , 2016 , 55, 104-14	1.8	5
69	Diffuse 18F-FDG Muscle Uptake in Trichinella spiralis Infection. <i>Clinical Nuclear Medicine</i> , 2016 , 41, 55-6	1.7	10
68	Detection of bone marrow involvement in newly diagnosed post-transplant lymphoproliferative disorder: (18)F-fluorodeoxyglucose positron emission tomography/computed tomography versus bone marrow biopsy. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2382-8	1.9	12
67	Outcome after PORT in ypN2 or R1/R2 versus no PORT in ypN0 Stage III-N2 NSCLC after Induction Chemotherapy and Resection. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 1940-1953	8.9	13
66	Reliability of sentinel node procedure for lymph node staging in prostate cancer patients at high risk for lymph node involvement. <i>Acta Oncologica</i> , 2015 , 54, 896-902	3.2	19
65	Final analysis of a prospective trial on functional imaging for nodal staging in patients with prostate cancer at high risk for lymph node involvement. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015 , 33, 109.e23-31	2.8	53
64	Radiolabeling strategies for radionuclide imaging of stem cells. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 254-74	6.4	22
63	Quantification, Variability, and Reproducibility of Basal Skeletal Muscle Glucose Uptake in Healthy Humans Using 18F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1520-6	8.9	10
62	Sodium Iodide Symporter PET and BLI Noninvasively Reveal Mesoangioblast Survival in Dystrophic Mice. <i>Stem Cell Reports</i> , 2015 , 5, 1183-1195	8	15
61	Asymmetric pulmonary hypermetabolism on 18F-FDG PET/CT caused by pulmonary embolism. <i>Clinical Nuclear Medicine</i> , 2015 , 40, 338-9	1.7	1
60	Integrated PET/CT and Linear Endosonography (EBUS and EUS) 2015 , 15-23		
59	Characterisation of solitary pulmonary lesions combining visual perfusion and quantitative diffusion MR imaging. <i>European Radiology</i> , 2014 , 24, 531-41	8	25
58	Whole-body MRI with diffusion-weighted sequence for staging of patients with suspected ovarian cancer: a clinical feasibility study in comparison to CT and FDG-PET/CT. <i>European Radiology</i> , 2014 , 24, 889-901	8	154
57	Imaging techniques for the pre-surgical diagnosis of adnexal tumours. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014 , 28, 683-95	4.6	32
56	The more you look, the more you find: challenging results on FDG-PET CT in a patient with neurofibromatosis type I. <i>BMC Medical Imaging</i> , 2014 , 14, 19	2.9	2

55	Individualized dosimetry-based activity reduction of ^{177}Lu -DOTATOC prevents severe and rapid kidney function deterioration from peptide receptor radionuclide therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 41, 1141-57	8.8	18
54	Optimization of multimodal imaging of mesenchymal stem cells using the human sodium iodide symporter for PET and Cerenkov luminescence imaging. <i>PLoS ONE</i> , 2014 , 9, e94833	3.7	29
53	Small lesion, severe consequences. An intriguing ventilation-perfusion scintigraphy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, e12-3	10.2	
52	Hodgkin lymphoma-associated paraneoplastic cerebellar degeneration on FDG-PET/CT. <i>British Journal of Haematology</i> , 2014 , 164, 468	4.5	4
51	The role of diffusion-weighted MRI and $(^{18}\text{F})\text{-FDG}$ PET/CT in the prediction of pathologic complete response after radiochemotherapy for rectal cancer: a systematic review. <i>Radiotherapy and Oncology</i> , 2014 , 113, 158-65	5.3	129
50	The role of elective pelvic radiotherapy in clinically node-negative prostate cancer: a systematic review. <i>Radiotherapy and Oncology</i> , 2014 , 110, 45-54	5.3	16
49	SLAC: Statistical total lesion metabolic activity computation by fuzzy unsupervised learning of PET images. <i>Machine Vision and Applications</i> , 2013 , 24, 1341-1358	2.8	0
48	Unexpected ischemic complication after proximal coil embolization of a replaced left hepatic artery before yttrium-90 radioembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 1745-7	2.4	4
47	Mapping of pelvic lymph node metastases in prostate cancer. <i>European Urology</i> , 2013 , 63, 450-8	10.2	163
46	Identification and characterization of nodal metastases in prostate cancer patients at high risk for lymph node involvement. <i>Acta Oncologica</i> , 2013 , 52, 1336-44	3.2	10
45	^{18}F -MK-9470 PET imaging of the type 1 cannabinoid receptor in prostate carcinoma: a pilot study. <i>EJNMMI Research</i> , 2013 , 3, 59	3.6	2
44	Prospective comparison of hydrogel-coated microcoils versus fibered platinum microcoils in the prophylactic embolization of the gastroduodenal artery before yttrium-90 radioembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 797-803; quiz 804	2.4	18
43	Significant impact of transient deterioration of renal function on dosimetry in PRRT. <i>Annals of Nuclear Medicine</i> , 2013 , 27, 74-7	2.5	8
42	Abnormal liver uptake of $(^{99\text{m}}\text{Tc})$ -macroaggregated albumin in a patient with superior vena cava syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 1028	10.2	5
41	In vitro and in vivo investigation of the potential of amorphous microporous silica as a protein delivery vehicle. <i>BioMed Research International</i> , 2013 , 2013, 306418	3	5
40	^{18}F -FDG labeling of mesenchymal stem cells and multipotent adult progenitor cells for PET imaging: effects on ultrastructure and differentiation capacity. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 447-54	8.9	53
39	A potent combination of the novel PI3K Inhibitor, GDC-0941, with imatinib in gastrointestinal stromal tumor xenografts: long-lasting responses after treatment withdrawal. <i>Clinical Cancer Research</i> , 2013 , 19, 620-30	12.9	58
38	Evaluation of three MRI-based anatomical priors for quantitative PET brain imaging. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 599-612	11.7	114

37	Is there an additional value of ^{11}C -choline PET-CT to T2-weighted MRI images in the localization of intraprostatic tumor nodules?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 1486-92	4.92	41
36	Positron Emission Tomography Imaging 2012 , 122-132		
35	Preliminary validation of varicella zoster virus thymidine kinase as a novel reporter gene for PET. <i>Nuclear Medicine and Biology</i> , 2012 , 39, 1266-74	2.1	9
34	Inhibition of inflammation but not ankylosis by glucocorticoids in mice: further evidence for the enthesal stress hypothesis. <i>Arthritis Research and Therapy</i> , 2012 , 14, R59	5.7	20
33	A textural feature based tumor therapy response prediction model for longitudinal evaluation with PET imaging 2012 ,		5
32	Fuzzy multi-class statistical modeling for efficient total lesion metabolic activity estimation from realistic PET images. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 107-14	0.9	
31	The effect of whole-body vibration on peri-implant bone healing in rats. <i>Clinical Oral Implants Research</i> , 2011 , 22, 302-7	4.8	42
30	Prospective evaluation of ^{11}C -choline positron emission tomography/computed tomography and diffusion-weighted magnetic resonance imaging for the nodal staging of prostate cancer with a high risk of lymph node metastases. <i>European Urology</i> , 2011 , 60, 125-30	10.2	128
29	Non-invasive bioluminescence imaging of myoblast-mediated hypoxia-inducible factor-1 alpha gene transfer. <i>Molecular Imaging and Biology</i> , 2011 , 13, 1124-32	3.8	8
28	Wandering spleen on a ^{68}Ga -DOTATOC-PET/CT scan. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 982	8.8	4
27	A PET brain reporter gene system based on type 2 cannabinoid receptors. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 1102-9	8.9	35
26	Altered biodistribution of somatostatin analogues after first cycle of Peptide receptor radionuclide therapy. <i>Journal of Clinical Oncology</i> , 2011 , 29, e579-81	2.2	6
25	Quantitative comparison of automated PET volume delineation methodologies using simulated tumor lesions 2011 ,		2
24	Fuzzy Statistical Unsupervised Learning Based Total Lesion Metabolic Activity Estimation in Positron Emission Tomography Images. <i>Lecture Notes in Computer Science</i> , 2011 , 233-240	0.9	3
23	The use of FDG-PET/CT and diffusion-weighted magnetic resonance imaging for response prediction before, during and after preoperative chemoradiotherapy for rectal cancer. <i>Acta Oncologica</i> , 2010 , 49, 956-63	3.2	114
22	Paramediastinal inflammatory changes after chemoradiation detected on FDG PET-CT imaging. <i>Clinical Nuclear Medicine</i> , 2010 , 35, 355-6	1.7	2
21	Performance of MAP reconstruction for hot lesion detection in whole-body PET/CT: an evaluation with human and numerical observers. <i>IEEE Transactions on Medical Imaging</i> , 2009 , 28, 67-73	11.7	20
20	Synthesis and biological evaluation of (^{11}C)-labeled beta-galactosyl triazoles as potential PET tracers for in vivo LacZ reporter gene imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5117-25	3.4	11

19	Highly efficient multicistronic lentiviral vectors with peptide 2A sequences. <i>Human Gene Therapy</i> , 2009 , 20, 845-60	4.8	114
18	Détection unilatérale de graisse brune en [18F]-FDG TEP/TDM dans le suivi d'un mésothéliome pleural. <i>Medecine Nucleaire</i> , 2009 , 33, 674-676	0.1	1
17	Unexpected slight fluorodeoxyglucose-uptake on positron emission tomography in a pulmonary hamartoma. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 107-8	8.9	6
16	Seeing genes at work in the living brain with non-invasive molecular imaging. <i>Current Gene Therapy</i> , 2009 , 9, 212-38	4.3	15
15	Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. <i>Nature Genetics</i> , 2008 , 40, 170-80	36.3	383
14	Molecular imaging of reporter gene expression in prostate cancer: an overview. <i>Seminars in Nuclear Medicine</i> , 2008 , 38, 9-19	5.4	8
13	Synthesis and evaluation of 18F- and 11C-labeled phenyl-galactopyranosides as potential probes for in vivo visualization of LacZ gene expression using positron emission tomography. <i>Bioconjugate Chemistry</i> , 2008 , 19, 441-9	6.3	35
12	Efficient purification and metabolite analysis of radiotracers using high-performance liquid chromatography and on-line solid-phase extraction. <i>Journal of Chromatography A</i> , 2008 , 1189, 323-31	4.5	22
11	Noninvasive and quantitative monitoring of adult neuronal stem cell migration in mouse brain using bioluminescence imaging. <i>Stem Cells</i> , 2008 , 26, 2382-90	5.8	54
10	Synthesis and preliminary evaluation of 18F- or 11C-labeled bicyclic nucleoside analogues as potential probes for imaging varicella-zoster virus thymidine kinase gene expression using positron emission tomography. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 1041-9	8.3	14
9	A p-[18F]fluoroethoxyphenyl bicyclic nucleoside analogue as a potential positron emission tomography imaging agent for varicella-zoster virus thymidine kinase gene expression. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6627-37	8.3	8
8	Comparative analysis of adeno-associated viral vector serotypes 1, 2, 5, 7, and 8 in mouse brain. <i>Human Gene Therapy</i> , 2007 , 18, 195-206	4.8	237
7	Synthesis and biological evaluation of an 123I-labeled bicyclic nucleoside analogue (BCNA) as potential SPECT tracer for VZV-tk reporter gene imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 3458-62	2.9	5
6	Fetal gene transfer with lentiviral vectors: long-term in vivo follow-up evaluation in a rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 352.e1-6	6.4	15
5	Multimodality imaging of tumor xenografts and metastases in mice with combined small-animal PET, small-animal CT, and bioluminescence imaging. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 295-303	8.9	112
4	Noninvasive monitoring of long-term lentiviral vector-mediated gene expression in rodent brain with bioluminescence imaging. <i>Molecular Therapy</i> , 2006 , 14, 423-31	11.7	56
3	Autologous bone marrow-derived stem-cell transfer in patients with ST-segment elevation myocardial infarction: double-blind, randomised controlled trial. <i>Lancet, The</i> , 2006 , 367, 113-21	4.0	1085
2	Establishment of a mouse gastrointestinal stromal tumour model and evaluation of response to imatinib by small animal positron emission tomography. <i>Anticancer Research</i> , 2006 , 26, 1247-52	2.3	31

- 1 Tetraphenylphosphonium as a novel molecular probe for imaging tumors. *Journal of Nuclear Medicine*, **2004**, 45, 636-43

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