Renaud Lhommel

List of Publications by Year
in descending order

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65 papers	1,282 citations	430874 18 h-index	361022 35 g-index
65 all docs	65 docs citations	65 times ranked	1734 citing authors

#	Article	IF	Citations
1	Feasibility of 90Y TOF PET-based dosimetry in liver metastasis therapy using SIR-Spheres. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1654-1662.	6.4	177
2	Yttrium-90 TOF PET scan demonstrates high-resolution biodistribution after liver SIRT. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1696-1696.	6.4	139
3	Positron-Emission Computed Tomography in Cyst Infection Diagnosis in Patients with Autosomal Dominant Polycystic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1644-1650.	4.5	82
4	Dosimetry of yttrium-labelled radiopharmaceuticals for internal therapy: 86Y or 90Y imaging?. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 57-68.	6.4	79
5	Diagnosis of cyst infection in patients with autosomal dominant polycystic kidney disease: attributes and limitations of the current modalities. Nephrology Dialysis Transplantation, 2012, 27, 3746-3751.	0.7	75
6	The Low Hepatic Toxicity per Gray of ⁹⁰Y Glass Microspheres Is Linked to Their Transport in the Arterial Tree Favoring a Nonuniform Trapping as Observed in Posttherapy PET Imaging. Journal of Nuclear Medicine, 2014, 55, 135-140.	5.0	75
7	Quantitative and qualitative analysis of metabolic response at interim positron emission tomography scan combined with International Prognostic Index is highly predictive of outcome in diffuse large B-cell lymphoma. Leukemia and Lymphoma, 2014, 55, 773-780.	1.3	69
8	A Hepatic Dose-Toxicity Model Opening the Way Toward Individualized Radioembolization Planning. Journal of Nuclear Medicine, 2014, 55, 1317-1322.	5.0	44
9	4-Step Renal Dosimetry Dependent on Cortex Geometry Applied to ⁹⁰Y Peptide Receptor Radiotherapy: Evaluation Using a Fillable Kidney Phantom Imaged by ⁹⁰Y PET. Journal of Nuclear Medicine, 2010, 51, 1969-1973.	5.0	37
10	Hemoglobin level significantly impacts the tumor cell survival fraction in humans after internal radiotherapy. EJNMMI Research, 2012, 2, 20.	2.5	31
11	Classification of Non-Demented Patients Attending a Memory Clinic using the New Diagnostic Criteria for Alzheimer's Disease with Disease-Related Biomarkers. Journal of Alzheimer's Disease, 2014, 43, 835-847.	2.6	29
12	Rationale and design of a multicentre, randomized, placeboâ€controlled trial of mirabegron, a Beta3â€adrenergic receptor agonist on left ventricular mass and diastolic function in patients with structural heart disease Beta3â€left ventricular hypertrophy (Beta3â€LVH). ESC Heart Failure, 2018, 5, 830-841.	3.1	29
13	Microspheres Used in Liver Radioembolization: From Conception to Clinical Effects. Molecules, 2021, 26, 3966.	3.8	29
14	A tiger man. Lancet, The, 2012, 380, 1859.	13.7	24
15	Defining a Centiloid scale threshold predicting long-term progression to dementia in patients attending the memory clinic: an [18F] flutemetamol amyloid PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 302-310.	6.4	23
16	Targretin Improves Cognitive and Biological Markers in a Patient with Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 49, 271-276.	2.6	22
17	Novel imaging techniques reshape the landscape in high-risk prostate cancers. Current Opinion in Urology, 2013, 23, 323-330.	1.8	19
18	Is 18F-Flutemetamol PET/CT Able to Reveal Cardiac Amyloidosis?. Clinical Nuclear Medicine, 2014, 39, 747-749.	1.3	19

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19	131I-Labelled-iodized oil for palliative treatment of hepatocellular carcinoma. European Journal of Gastroenterology and Hepatology, 2005, 17, 905-910.	1.6	17
20	Monitoring metabolic response using FDG PET-CT during targeted therapy for metastatic colorectal cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1792-1801.	6.4	17
21	The Prognostic Significance of Metabolic Response Heterogeneity in Metastatic Colorectal Cancer. PLoS ONE, 2015, 10, e0138341.	2.5	16
22	A multisite analysis of the concordance between visual image interpretation and quantitative analysis of [18F]flutemetamol amyloid PET images. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2183-2199.	6.4	16
23	F-18 FDG PET/CT as a Noninvasive Diagnostic and Follow-up Tool in Brown Tumors Due to Secondary Hyperparathyroidism. Clinical Nuclear Medicine, 2009, 34, 330-332.	1.3	15
24	Optimal Design of Anger Camera for Bremsstrahlung Imaging: Monte Carlo Evaluation. Frontiers in Oncology, 2014, 4, 149.	2.8	15
25	Dynamic contrast-enhanced computed tomography to assess early activity of cetuximab in squamous cell carcinoma of the head and neck. Radiology and Oncology, 2015, 49, 17-25.	1.7	14
26	Extensive Left Temporal Pole Damage Does Not Impact on Theory of Mind Abilities. Journal of Cognitive Neuroscience, 2013, 25, 2025-2046.	2.3	12
27	Partly reversible central auditory dysfunction induced by cerebral vasospasm after subarachnoid hemorrhage. Journal of Neurosurgery, 2013, 119, 1125-1128.	1.6	12
28	Unirhinal Olfactory Testing for the Diagnostic Workup of Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2015, 47, 253-270.	2.6	12
29	Prediction of Free and Cued Selective Reminding Test Performance Using Volumetric and Amyloid-Based Biomarkers of Alzheimerâ€™s Disease. Journal of the International Neuropsychological Society, 2016, 22, 991-1004.	1.8	11
30	Accurate non-tumoral 99mTc-MAA absorbed dose prediction to plan optimized activities in liver radioembolization using resin microspheres. Physica Medica, 2021, 89, 250-257.	0.7	11
31	Patients with Amyloid-Negative Mild Cognitive Impairment have Cortical Hypometabolism but the Hippocampus is Preserved. Journal of Alzheimer's Disease, 2016, 53, 651-660.	2.6	9
32	Whole-Body MR Imaging. PET Clinics, 2018, 13, 505-522.	3.0	9
33	Prediction of tumor response and patient outcome after radioembolization of hepatocellular carcinoma using 90Y-PET-computed tomography dosimetry. Nuclear Medicine Communications, 2021, 42, 747-754.	1.1	9
34	Comparison of 68Ga-Prostate Specific Membrane Antigen (PSMA) Positron Emission Tomography Computed Tomography (PET-CT) and Whole-Body Magnetic Resonance Imaging (WB-MRI) with Diffusion Sequences (DWI) in the Staging of Advanced Prostate Cancer. Cancers, 2021, 13, 5286.	3.7	9
35	The origin and reduction of spurious extrahepatic counts observed in⁹⁰Y non-TOF PET imaging post radioembolization. Physics in Medicine and Biology, 2018, 63, 075016.	3.0	8
36	Antireflux catheter improves tumor targeting in liver radioembolization with resin microspheres. , 2021, 27, 768-773.		8

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37	Yttrium-90 TOF-PET-Based EUD Predicts Response Post Liver Radioembolizations Using Recommended Manufacturer FDG Reconstruction Parameters. Frontiers in Oncology, 2021, 11, 592529.	2.8	7
38	2â€²-deoxy-2â€²-[18F] fluoro-D-glucose positron emission tomography, diffusion-weighted magnetic resonance imaging, and choline spectroscopy to predict the activity of cetuximab in tumor xenografts derived from patients with squamous cell carcinoma of the head and neck. Oncotarget, 2018, 9, 28572-28585.	1.8	6
39	Early monitoring of external radiation therapy by [18F]-fluoromethylcholine positron emission tomography and 3-T proton magnetic resonance spectroscopy: an experimental study in a rodent rhabdomyosarcoma model. Nuclear Medicine and Biology, 2010, 37, 645-653.	0.6	5
40	Sorafenib Reduced Significantly Heptopulmonary Shunt in a Large Hepatocelullar Carcinoma. Clinical Nuclear Medicine, 2019, 44, 70-71.	1.3	5
41	SoMore trial: Early metabolic response assessment of a sorafenib (SOR) and capecitabine (CAP) combination in chemorefractory metastatic colorectal cancer (mCRC).. Journal of Clinical Oncology, 2014, 32, 524-524.	1.6	5
42	Activity of afatinib administered in a window pre-operative study in squamous cell carcinoma of the head and neck (SCCHN) : EORTC-90111.. Journal of Clinical Oncology, 2016, 34, 6049-6049.	1.6	4
43	Disclosing tau tangles using PET imaging: a pharmacological review of the radiotracers available in 2021. Acta Neurologica Belgica, 2022, 122, 263-272.	1.1	4
44	Myocardial infarct size quantification in mice by SPECT using a novel algorithm independent of a normal perfusion database. EJNMMI Research, 2012, 2, 64.	2.5	3
45	Adult-onset Rasmussen encephalitis associated with focal cortical dysplasia. Epileptic Disorders, 2017, 19, 476-480.	1.3	3
46	Case Report: Early 68Ga-PSMA-PET Metabolic Assessment and Response to Systemic Treatment for First-Line Metastatic Clear Cell Renal Cell Carcinoma; About Two Clinical Cases. Frontiers in Oncology, 2021, 11, 782166.	2.8	3
47	Interim 18F-FDG PET in Diffuse Large B-Cell Lymphoma: Emerging Worldwide?. Journal of Nuclear Medicine, 2015, 56, 655-656.	5.0	2
48	The Impact of Image Reconstruction Bias on PET/CT ⁹⁰Y Dosimetry After Radioembolization. Journal of Nuclear Medicine, 2015, 56, 494.2-495.	5.0	2
49	Sequential Liver-Kidney Transplantation for Recurrent Liver Cysts Infection in a Patient With Autosomal Dominant Polycystic Kidney Disease: A Case Report. Transplantation Proceedings, 2021, 53, 1322-1326.	0.6	2
50	18-Fluorodeoxyglucose positron emission computed tomography for systemic oxalosis in primary hyperoxaluria type 1. American Journal of Transplantation, 2022, 22, 1001-1002.	4.7	2
51	Optimization of the Clinical Effectiveness of Radioembolization in Hepatocellular Carcinoma with Dosimetry and Patient-Selection Criteria. Current Oncology, 2022, 29, 2422-2434.	2.2	2
52	TCP post-radioembolization and TCP post-EBRT in HCC are similar and can be predicted using the in vitro radiosensitivity. EJNMMI Research, 2022, 12, .	2.5	2
53	Multivariate prediction of rate of decline in memory functioning over six years using imaging biomarkers. Alzheimer's and Dementia, 2020, 16, e045645.	0.8	1
54	An unusual cause of hypercalcaemia in a home haemodialysis patient: Peritoneal tuberculosis. International Journal of Infectious Diseases, 2021, 104, 222-223.	3.3	1

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55	Vomiting and retching as presenting signs of focal epilepsy in children. Epileptic Disorders, 2020, 22, 823-827.	1.3	1
56	A mysterious 'homesickness'. CKJ: Clinical Kidney Journal, 2008, 1, 371-372.	2.9	0
57	Pneumo-renal sarcoidosis revealed by F-18 FDG PET/CT. CKJ: Clinical Kidney Journal, 2010, 3, 590-591.	2.9	0
58	O2-03-02: REGIONAL BRAIN METABOLISM AND CORTICAL THICKNESS IN F18-FLUTEMETAMOL AMYLOID-POSITIVE VERSUS -NEGATIVE MILD COGNITIVE IMPAIRMENT PATIENTS. , 2014, 10, P167-P168.		0
59	[P3â€“461]: IMPROVED PREDICTION OF COGNITIVE PERFORMANCE USING A WEIGHTED LINEAR COMPOSITE OF BIOMARKERS OF ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1149.	0.8	0
60	Alzheimerâ€like glucose hypometabolism predicts subsequent dementia in amyloidâ€negative mild cognitive impairment. Alzheimer's and Dementia, 2020, 16, e044541.	0.8	0
61	Safety, molecular, and imaging responses to cetuximab administered in a window pre-operative study in squamous cell carcinoma of the head and neck (SCCHN).. Journal of Clinical Oncology, 2012, 30, 5519-5519.	1.6	0
62	A multisite analysis of the concordance between visual image interpretation and quantitative analysis of [18 F]flutemetamol PET images. Alzheimer's and Dementia, 2020, 16, .	0.8	0
63	Correlation between MKâ€6240 tauâ€PET and CSF tau, Pâ€tau and amyloid proteins. Alzheimer's and Dementia, 2021, 17, .	0.8	0
64	Increased intraâ€network functional connectivity in MCI patients progressing towards dementia compared to stable MCI. Alzheimer's and Dementia, 2021, 17, .	0.8	0
65	Pattern separation and pattern completion for human face identity recognition in prodromal Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0