Pierre-Yves Le Roux

List of Publications by Year
in descending order

77 papers	1,805 citations	293460 24 h-index	325983 40 g-index
78 all docs	78 docs citations	78 times ranked	1962 citing authors

#	Article	IF	Citations
1	Lung Scintigraphy for Pulmonary Embolism Diagnosis in COVID-19 Patients: A Multicenter Study. Journal of Nuclear Medicine, 2022, 63, 1070-1074.	2.8	8
2	Systemic Artery to Pulmonary Artery Shunt Mimicking Acute Pulmonary Embolism, Unmasked by a Multimodality Imaging Approach. Tomography, 2022, 8, 175-179.	0.8	2
3	Lung Ventilation/Perfusion Scintigraphy for the Screening of Chronic Thromboembolic Pulmonary Hypertension (CTEPH): Which Criteria to Use?. Frontiers in Medicine, 2022, 9, 851935.	1.2	4
4	Radiopharmaceutical Labelling for Lung Ventilation/Perfusion PET/CT Imaging: A Review of Production and Optimization Processes for Clinical Use. Pharmaceuticals, 2022, 15, 518.	1.7	8
5	68Ga-Labelled Carbon Nanoparticles for Ventilation PET/CT Imaging: Physical Properties Study and Comparison with TechnegasÂ®. Molecular Imaging and Biology, 2021, 23, 62-69.	1.3	10
6	The Impact of Pulmonary Vascular Obstruction on the Risk of Recurrence of Pulmonary Embolism: A French Prospective Cohort. Thrombosis and Haemostasis, 2021, 121, 955-963.	1.8	5
7	Assessment of Image Quality and Lesion Detectability With Digital PET/CT System. Frontiers in Medicine, 2021, 8, 629096.	1.2	10
8	Automatic delineation and quantification of pulmonary vascular obstruction index in patients with pulmonary embolism using Perfusion SPECT-CT: a simulation study. EJNMMI Physics, 2021, 8, 49.	1.3	2
9	Radiation Therapy Planning of Thoracic Tumors: A Review of Challenges Associated With Lung Toxicities and Potential Perspectives of Gallium-68 Lung PET/CT Imaging. Frontiers in Medicine, 2021, 8, 723748.	1.2	12
10	Lung ventilation/perfusion SPECT/CT imaging of lung cancer. , 2021, , .		0
11	Fully Automated 68Ga-Labeling and Purification of Macroaggregated Albumin Particles for Lung Perfusion PET Imaging. Frontiers in Nuclear Medicine, 2021, 1, .	0.7	4
12	Performance of 18F-fluorodesoxyglucose positron-emission tomography/computed tomography for cancer screening in patients with unprovoked venous thromboembolism: Results from an individual patient data meta-analysis. Thrombosis Research, 2020, 194, 153-157.	0.8	3
13	Lung scintigraphy for pulmonary embolism diagnosis during the COVID-19 pandemic: does the benefit-risk ratio really justify omitting the ventilation study?. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2499-2500.	3.3	14
14	Ventilation/perfusion SPECT for the diagnosis of pulmonary embolism: A systematic review. Journal of Thrombosis and Haemostasis, 2020, 18, 2910-2920.	1.9	11
15	Normal Dual Isotope V/Q SPECT Model for Monte-Carlo Studies. Frontiers in Medicine, 2020, 7, 461.	1.2	3
16	Evaluation of Venous Thromboembolism Recurrence Scores in an Unprovoked Pulmonary Embolism Population: A Post-hoc Analysis of the PADIS-PE trial. American Journal of Medicine, 2020, 133, e406-e421.	0.6	8
17	V/Q SPECT for the Assessment of Regional Lung Function: Generation of Normal Mean and Standard Deviation 3-D Maps. Frontiers in Medicine, 2020, 7, 143.	1.2	7
18	Predictors of residual pulmonary vascular obstruction after pulmonary embolism: Results from a prospective cohort study. Thrombosis Research, 2020, 194, 1-7.	0.8	13

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19	Interobserver agreement of 18F-Fluorodeoxyglucose Positron-Emission Tomography combined with low-dose Computed Tomography for occult cancer screening in patients with unprovoked venous thromboembolism. Thrombosis Research, 2020, 188, 25-27.	0.8	2
20	Pulmonary perfusion by iodine subtraction maps CT angiography in acute pulmonary embolism: comparison with pulmonary perfusion SPECT (PASEP trial). European Radiology, 2020, 30, 4857-4864.	2.3	8
21	Gallium-68 Ventilation/Perfusion PET-CT and CT Pulmonary Angiography for Pulmonary Embolism Diagnosis: An Interobserver Agreement Study. Frontiers in Medicine, 2020, 7, 599901.	1.2	0
22	Correlation of positron emission tomography ventilation-perfusion matching with CT densitometry in severe emphysema. EJNMMI Research, 2020, 10, 86.	1.1	0
23	Computed tomography pulmonary angiography versus ventilation-perfusion lung scanning for diagnosing pulmonary embolism during pregnancy: a systematic review and meta-analysis. Haematologica, 2019, 104, 176-188.	1.7	56
24	EANM guideline for ventilation/perfusion single-photon emission computed tomography (SPECT) for diagnosis of pulmonary embolism and beyond. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2429-2451.	3.3	130
25	Predictors for Residual Pulmonary Vascular Obstruction after Unprovoked Pulmonary Embolism: Implications for Clinical Practiceâ€"The PADIS-PE Trial. Thrombosis and Haemostasis, 2019, 119, 1489-1497.	1.8	17
26	Independent and incremental value of ventilation/perfusion PET/CT and CT pulmonary angiography for pulmonary embolism diagnosis: results of the PECAN pilot study. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1596-1604.	3.3	15
27	How to Assess Quality of Primary Research Studies in the Medical Literature?. Seminars in Nuclear Medicine, 2019, 49, 115-120.	2.5	8
28	Time trend analysis of pulmonary embolism diagnosis with single-photon emission computed tomography ventilation/perfusion imaging. Nuclear Medicine Communications, 2019, 40, 576-582.	0.5	2
29	PET/CT Lung Ventilation and Perfusion Scanning using Galligas and Gallium-68-MAA. Seminars in Nuclear Medicine, 2019, 49, 71-81.	2.5	47
30	SPECT V/Q for the diagnosis of pulmonary embolism: protocol for a systematic review and meta-analysis of diagnostic accuracy and clinical outcome. BMJ Open, 2018, 8, e022024.	0.8	10
31	Risk factors for recurrent venous thromboembolism after unprovoked pulmonary embolism: the PADIS-PE randomised trial. European Respiratory Journal, 2018, 51, 1701202.	3.1	42
32	New developments and future challenges of nuclear medicine and molecular imaging for pulmonary embolism. Thrombosis Research, 2018, 163, 236-241.	0.8	34
33	An aortic intra mural hematoma in ventilation/perfusion SPECT/CT. Medicine (United States), 2018, 97, e12928.	0.4	0
34	Residual pulmonary vascular obstruction and recurrence after acute pulmonary embolism: protocol for a systematic review and meta-analysis of individual participant data. BMJ Open, 2018, 8, e023939.	0.8	4
35	In patients with unprovoked VTE, does the addition of FDG PET/CT to a limited occult cancer screening strategy offer good value for money? A cost-effectiveness analysis from the publicly funded health care systems. Thrombosis Research, 2018, 171, 97-102.	0.8	6
36	False Positive 18F-FDG Positron Emission Tomography Findings in Schwannomaâ€"A Caution for Reporting Physicians. Frontiers in Medicine, 2018, 5, 275.	1.2	9

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37	A new SPECT/CT reconstruction algorithm: reliability and accuracy in clinical routine for non-oncologic bone diseases. EJNMMI Research, 2018, 8, 14.	1.1	21
38	Additional testing following screening strategies for occult malignancy diagnosis in patients with unprovoked venous thromboembolism. Thrombosis Research, 2017, 155, 6-9.	0.8	11
39	Risk factors of occult malignancy in patients with unprovoked venous thromboembolism. Thrombosis Research, 2017, 159, 48-51.	0.8	15
40	Incremental diagnostic utility of systematic double-bed SPECT/CT for bone scintigraphy in initial staging of cancer patients. Cancer Imaging, 2017, 17, 16.	1.2	24
41	EORTC PET response criteria are more influenced by reconstruction inconsistencies than PERCIST but both benefit from the EARL harmonization program. EJNMMI Physics, 2017, 4, 17.	1.3	14
42	Clinical Validation of a Pixon-Based Reconstruction Method Allowing a Twofold Reduction in Planar Images Time of 111In-Pentetreotide Somatostatin Receptor Scintigraphy. Frontiers in Medicine, 2017, 4, 143.	1.2	2
43	Automatic delineation of functional lung volumes with 68Ga-ventilation/perfusion PET/CT. EJNMMI Research, 2017, 7, 82.	1.1	19
44	Reduced ventilation-perfusion (V/Q) mismatch following endobronchial valve insertion demonstrated by Gallium-68 V/Q photon emission tomography/computed tomography. Respirology Case Reports, 2017, 5, e00253.	0.3	8
45	Performance of 18F-fluorodesoxyglucose positron-emission tomography combined with low-dose computed tomography for cancer screening in patients with unprovoked venous thromboembolism. PLoS ONE, 2017, 12, e0178849.	1.1	3
46	Lung Cancer in an Orthoprosthetist Using Vermiculite. International Journal of Occupational and Environmental Medicine, 2017, 8, 241-243.	4.1	0
47	Prognostic evaluation of percentage variation of metabolic tumor burden calculated by dualâ€phase ‹sup›18‹/sup›FDG PETâ€CT imaging in patients with head and neck cancer. Head and Neck, 2016, 38, E600-6.	0.9	35
48	Short and long-term prognostic implications of a low embolic burden in oncology patients diagnosed with symptomatic pulmonary embolism. Annals of Hematology, 2016, 95, 651-652.	0.8	2
49	Gallium-68 perfusion positron emission tomography/computed tomography to assess pulmonary function in lung cancer patients undergoing surgery. Cancer Imaging, 2016, 16, 24.	1.2	19
50	Does PET SUV Harmonization Affect PERCIST Response Classification?. Journal of Nuclear Medicine, 2016, 57, 1699-1706.	2.8	31
51	Limited screening with versus without 18F-fluorodeoxyglucose PET/CT for occult malignancy in unprovoked venous thromboembolism: an open-label randomised controlled trial. Lancet Oncology, The, 2016, 17, 193-199.	5.1	83
52	Incremental diagnostic utility of gastric distension FDG PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 644-653.	3.3	15
53	Estimating lung ventilation directly from 4D CT Hounsfield unit values. Medical Physics, 2015, 43, 33-43.	1.6	42
54	Additional value of combining low-dose computed tomography to V/Q SPECT on a hybrid SPECT-CT camera for pulmonary embolism diagnosis. Nuclear Medicine Communications, 2015, 36, 922-930.	0.5	34

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55	Asymmetric Muscle Activity on 18F-FDG PET/CT. Clinical Nuclear Medicine, 2015, 40, e336-e337.	0.7	2
56	Interest of chest X-ray in tailoring the diagnostic strategy in patients with suspected pulmonary embolism. Blood Coagulation and Fibrinolysis, 2015, 26, 643-648.	0.5	1
57	Value of ventilation/perfusion SPECT for diagnosis of pulmonary embolism: response to comments by Sinzinger et al.. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 979-980.	3.3	0
58	Diagnostic performance of FDG PET/CT to detect subclinical HNSCC recurrence 6Âmonths after the end of treatment. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 72-78.	3.3	29
59	Pulmonary Scintigraphy for the Diagnosis of Acute Pulmonary Embolism: A Survey of Current Practices in Australia, Canada, and France. Journal of Nuclear Medicine, 2015, 56, 1212-1217.	2.8	36
60	Harmonizing FDG PET quantification while maintaining optimal lesion detection: prospective multicentre validation in 517 oncology patients. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 2072-2082.	3.3	81
61	Correlation of ⁶⁸Ga Ventilationâ€“Perfusion PET/CT with Pulmonary Function Test Indices for Assessing Lung Function. Journal of Nuclear Medicine, 2015, 56, 1718-1723.	2.8	29
62	Performance of 18F fluoro-2-dÃ©soxy-D-glucose positron emission tomography/computed tomography for the diagnosis of venous thromboembolism. Thrombosis Research, 2015, 135, 31-35.	0.8	18
63	Role of SPECT/CT Compared With MRI in the Diagnosis and Management of Patients With Wrist Trauma Occult Fractures. Clinical Nuclear Medicine, 2014, 39, 8-13.	0.7	28
64	Prognostic value of volumetric parameters measured by 18F-FDG PET/CT in patients with head and neck squamous cell carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 659-667.	3.3	59
65	Safety of ventilation/perfusion single photon emission computed tomography for pulmonary embolism diagnosis. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1957-1964.	3.3	34
66	V/Q SPECT Interpretation for Pulmonary Embolism Diagnosis: Which Criteria to Use?. Journal of Nuclear Medicine, 2013, 54, 1077-1081.	2.8	41
67	Prognostic value of dual-time-point 18F-FDG PET-CT imaging in patients with head and neck squamous cell carcinoma. Nuclear Medicine Communications, 2013, 34, 551-556.	0.5	27
68	Diagnosis of pulmonary embolism. Nuclear Medicine Communications, 2012, 33, 695-700.	0.5	7
69	Diagnostic Accuracy of Single-Photon Emission Tomography Ventilation/Perfusion Lung Scan in the Diagnosis of Pulmonary Embolism. Chest, 2012, 141, 381-387.	0.4	55
70	Early prediction of survival following induction chemotherapy with DCF (docetaxel, cisplatin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 cell carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1839-1847.	3.3	32
71	External validation of a D-dimer age-adjusted cut-off for the exclusion of pulmonary embolism. Thrombosis and Haemostasis, 2012, 107, 1005-1007.	1.8	22
72	Prognostic value of fluorineâ€18 fluorodeoxyglucose positronâ€emission tomography imaging in patients with head and neck squamous cell carcinoma. Head and Neck, 2012, 34, 462-468.	0.9	25

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73	American consensus recommendations for gastric scintigraphy. Nuclear Medicine Communications, 2011, 32, 30-36.	0.5	2
74	Prognostic value of interim FDG PET/CT in Hodgkinâ€™s lymphoma patients treated with interim response-adapted strategy: comparison of International Harmonization Project (IHP), Gallamini and London criteria. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1064-1071.	3.3	87
75	Noninvasive Diagnosis of Pulmonary Embolism. Chest, 2011, 139, 1294-1298.	0.4	59
76	MRI in Acute Pulmonary Embolism: Response. Chest, 2011, 140, 1391-1392.	0.4	1
77	Does ¹⁸F-FDG PET/CT Improve the Detection of Posttreatment Recurrence of Head and Neck Squamous Cell Carcinoma in Patients Negative for Disease on Clinical Follow-up?. Journal of Nuclear Medicine, 2009, 50, 24-29.	2.8	231