

Ronan Abgral

List of Publications by Year in descending order

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88
papers

1,976
citations

270111

25
h-index

299063

42
g-index

96
all docs

96
docs citations

96
times ranked

2602
citing authors

#	ARTICLE	IF	CITATIONS
1	Does ¹⁸ F-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?. <i>Journal of Nuclear Medicine</i> , 2009, 50, 24-29.	2.8	231
2	Hybrid Magnetic Resonance Imaging and Positron Emission Tomography With Fluorodeoxyglucose to Diagnose Active Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 94-107.	2.3	152
3	Pretreatment ¹⁸ F-FDG PET/CT Radiomics Predict Local Recurrence in Patients Treated with Stereotactic Body Radiotherapy for Early-Stage Non-Small Cell Lung Cancer: A Multicentric Study. <i>Journal of Nuclear Medicine</i> , 2020, 61, 814-820.	2.8	126
4	Performance of ¹⁸ F-fluorodeoxyglucose-Positron Emission Tomography and Somatostatin Receptor Scintigraphy for High Ki67 (≥10%) Well-Differentiated Endocrine Carcinoma Staging. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 665-671.	1.8	93
5	Coronary Artery PET/MR Imaging. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1103-1112.	2.3	90
6	Good clinical practice recommendations for the use of PET/CT in oncology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 28-50.	3.3	85
7	Disease Activity in Mitral Annular Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008513.	1.3	63
8	Prognostic value of volumetric parameters measured by ¹⁸ F-FDG PET/CT in patients with head and neck squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 659-667.	3.3	59
9	¹⁸ F-Sodium Fluoride PET/MR for the Assessment of Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2712-2714.	1.2	59
10	Does ¹⁸ F-fluorodeoxyglucose positron emission tomography improve recurrence detection in patients treated for head and neck squamous cell carcinoma with negative clinical follow-up?. <i>Head and Neck</i> , 2007, 29, 1115-1120.	0.9	51
11	Clinical Utility of Combined FDG-PET/MR to Assess Myocardial Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 594-597.	2.3	49
12	V/Q SPECT Interpretation for Pulmonary Embolism Diagnosis: Which Criteria to Use?. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1077-1081.	2.8	41
13	Correction of respiratory and cardiac motion in cardiac PET/MR using MR-based motion modeling. <i>Physics in Medicine and Biology</i> , 2018, 63, 225011.	1.6	36
14	Prognostic value of textural indices extracted from pretherapeutic ¹⁸ F-FDG PET/CT in head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2019, 41, 495-502.	0.9	36
15	Prognostic evaluation of percentage variation of metabolic tumor burden calculated by dual-phase ¹⁸ F-FDG PET-CT imaging in patients with head and neck cancer. <i>Head and Neck</i> , 2016, 38, E600-6.	0.9	35
16	First-line pembrolizumab for non-small cell lung cancer patients with PD-L1 ≥50% in a multicenter real-life cohort: The PEMBREIZH study. <i>Cancer Medicine</i> , 2020, 9, 2309-2316.	1.3	35
17	Safety of ventilation/perfusion single photon emission computed tomography for pulmonary embolism diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1957-1964.	3.3	34
18	Additional value of combining low-dose computed tomography to V/Q SPECT on a hybrid SPECT-CT camera for pulmonary embolism diagnosis. <i>Nuclear Medicine Communications</i> , 2015, 36, 922-930.	0.5	34

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19	Early prediction of survival following induction chemotherapy with DCF (docetaxel, cisplatin,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1839-1847.	3.3	32
20	Diagnostic performance of FDG PET/CT to detect subclinical HNSCC recurrence 6 months after the end of treatment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 72-78.	3.3	29
21	Role of SPECT/CT Compared With MRI in the Diagnosis and Management of Patients With Wrist Trauma Occult Fractures. <i>Clinical Nuclear Medicine</i> , 2014, 39, 8-13.	0.7	28
22	Prediction of response to immune checkpoint inhibitor therapy using 18F-FDG PET/CT in patients with melanoma. <i>Medicine (United States)</i> , 2019, 98, e16417.	0.4	28
23	Clinical and therapeutic impact of 18F-FDG PET/CT whole-body acquisition including lower limbs in patients with malignant melanoma. <i>Nuclear Medicine Communications</i> , 2010, 31, 766-772.	0.5	27
24	Prognostic value of dual-time-point 18F-FDG PET-CT imaging in patients with head and neck squamous cell carcinoma. <i>Nuclear Medicine Communications</i> , 2013, 34, 551-556.	0.5	27
25	Cosmetic Outcome and Chronic Breast Toxicity After Intraoperative Radiation Therapy (IORT) as a Single Modality or as a Boost Using the Intrabeam® Device: A Prospective Study. <i>Annals of Surgical Oncology</i> , 2017, 24, 2547-2555.	0.7	27
26	Prognostic value of fluorine-18 fluorodeoxyglucose positron emission tomography imaging in patients with head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2012, 34, 462-468.	0.9	25
27	Incremental diagnostic utility of systematic double-bed SPECT/CT for bone scintigraphy in initial staging of cancer patients. <i>Cancer Imaging</i> , 2017, 17, 16.	1.2	24
28	Inter-observer and segmentation method variability of textural analysis in pre-therapeutic FDG PET/CT in head and neck cancer. <i>PLoS ONE</i> , 2019, 14, e0214299.	1.1	23
29	Clinical interest of quantitative bone SPECT-CT in the preoperative assessment of knee osteoarthritis. <i>Medicine (United States)</i> , 2018, 97, e11943.	0.4	22
30	A new SPECT/CT reconstruction algorithm: reliability and accuracy in clinical routine for non-oncologic bone diseases. <i>EJNMMI Research</i> , 2018, 8, 14.	1.1	21
31	A transfer learning approach to facilitate ComBat-based harmonization of multicentre radiomic features in new datasets. <i>PLoS ONE</i> , 2021, 16, e0253653.	1.1	21
32	Performance of 18F fluoro-2-deoxy-D-glucose positron emission tomography/computed tomography for the diagnosis of venous thromboembolism. <i>Thrombosis Research</i> , 2015, 135, 31-35.	0.8	18
33	Hybrid PET- and MR-driven attenuation correction for enhanced 18F-NaF and 18F-FDG quantification in cardiovascular PET/MR imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1126-1141.	1.4	17
34	Correlation between fluorodeoxyglucose hotspots on pretreatment positron emission tomography/CT and preferential sites of local relapse after chemoradiotherapy for head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2017, 39, 1155-1165.	0.9	16
35	Clinical Assessment of 177Lu-DOTATATE Quantification by Comparison of SUV-Based Parameters Measured on Both Post-PRRT SPECT/CT and 68Ga-DOTATOC PET/CT in Patients With Neuroendocrine Tumors. <i>Clinical Nuclear Medicine</i> , 2021, 46, 111-118.	0.7	14
36	Diagnostic performance of 18F-fluorodesoxyglucose positron emission/computed tomography and magnetic resonance imaging in detecting T1-T2 head and neck squamous cell carcinoma. <i>Laryngoscope</i> , 2018, 128, 378-385.	1.1	13

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37	Malignancy rate of focal thyroid incidentaloma detected by FDG PET-CT: results of a prospective cohort study. <i>Endocrine Connections</i> , 2017, 6, 413-421.	0.8	12
38	Clinical perspectives for the use of total body PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1712-1718.	3.3	12
39	Diagnostic Value of FDG PET-CT Quantitative Parameters and Deauville-Like 5 Point-Scale in Predicting Malignancy of Focal Thyroid Incidentaloma. <i>Frontiers in Medicine</i> , 2019, 6, 24.	1.2	11
40	Prognostic Value of Whole-Body PET Volumetric Parameters Extracted from ⁶⁸ Ga-DOTATOC PET/CT in Well-Differentiated Neuroendocrine Tumors. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1014-1020.	2.8	11
41	Non-conventional and Investigational PET Radiotracers for Breast Cancer: A Systematic Review. <i>Frontiers in Medicine</i> , 2022, 9, 881551.	1.2	11
42	Assessment of Image Quality and Lesion Detectability With Digital PET/CT System. <i>Frontiers in Medicine</i> , 2021, 8, 629096.	1.2	10
43	Target definition in salvage postoperative radiotherapy for prostate cancer: 18F-fluorocholine PET/CT assessment of local recurrence. <i>Acta Oncologica</i> , 2018, 57, 375-381.	0.8	9
44	False Positive 18F-FDG Positron Emission Tomography Findings in Schwannoma—A Caution for Reporting Physicians. <i>Frontiers in Medicine</i> , 2018, 5, 275.	1.2	9
45	Feasibility of Systematic Respiratory-Gated Acquisition in Unselected Patients Referred for 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography. <i>Frontiers in Medicine</i> , 2018, 5, 36.	1.2	8
46	Diagnosis of pulmonary embolism. <i>Nuclear Medicine Communications</i> , 2012, 33, 695-700.	0.5	7
47	Prolonged Overall Treatment Time and Lack of Skin Rash Negatively Impact Overall Survival in Locally Advanced Head and Neck Cancer Patients Treated with Radiotherapy and Concomitant Cetuximab. <i>Targeted Oncology</i> , 2017, 12, 505-512.	1.7	7
48	V/Q SPECT for the Assessment of Regional Lung Function: Generation of Normal Mean and Standard Deviation 3-D Maps. <i>Frontiers in Medicine</i> , 2020, 7, 143.	1.2	7
49	Prognostic value of 18F-FET PET/CT in newly diagnosed WHO 2016 high-grade glioma. <i>Medicine (United States)</i> , 2021, 100, e20021.	0.784314	7
50	Cystic form of cervical lymphadenopathy. Guidelines of the French Society of Otorhinolaryngology - Head and Neck Surgery (SFORL). Part 1: Diagnostic procedures for lymphadenopathy in case of cervical mass with cystic aspect. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2019, 136, 489-496.	0.4	6
51	Diagnostic performance of a whole-body dynamic ⁶⁸ GA-DOTATOC PET/CT acquisition to differentiate physiological uptake of pancreatic uncinatate process from pancreatic neuroendocrine tumor. <i>Medicine (United States)</i> , 2020, 99, e20021.	0.4	6
52	Integration of 18-FDG PET/CT in the Initial Work-Up to Stage Head and Neck Cancer: Prognostic Significance and Impact on Therapeutic Decision Making. <i>Frontiers in Medicine</i> , 2020, 7, 273.	1.2	6
53	An atypical sarcoidosis involvement in FDG PET/CT. <i>Medicine (United States)</i> , 2016, 95, e5700.	0.4	5
54	Assessing the qualitative and quantitative impacts of simple two-class vs multiple tissue-class MR-based attenuation correction for cardiac PET/MR. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2194-2204.	1.4	5

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55	Use of Baseline 18F-FDG PET/CT to Identify Initial Sub-Volumes Associated With Local Failure After Concomitant Chemoradiotherapy in Locally Advanced Cervical Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 678.	1.3	5
56	Cystic form of cervical lymphadenopathy in adults. Guidelines of the French Society of Otorhinolaryngology (short version). Part 2â€“etiological diagnosis procedure: Clinical and imaging assessment. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2020, 137, 117-121.	0.4	5
57	Feasibility Study and Preliminary Results of Prognostic Value of Bone SPECT-CT Quantitative Indices for the Response Assessment of Bone Metastatic Prostate Carcinoma to Abiraterone. <i>Frontiers in Medicine</i> , 2020, 6, 342.	1.2	5
58	Diagnostic value of positron-emission tomography textural indices for malignancy of 18F-fluorodeoxyglucose-avid adrenal lesions. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 65, 79-87.	0.4	5
59	Scan-rescan measurement repeatability of 18F-FDG PET/MR imaging of vascular inflammation. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1660-1670.	1.4	5
60	18F-FDG:18F-NaF PET/MR multi-parametric imaging with kinetics-based bone segmentation for enhanced dual-tracer PET quantification. , 2016, , .		4
61	Retroperitoneal Pelvic Solitary Fibrous Tumor With High Tracer Uptake in 68Ga-DOTATOC PET/CT. <i>Clinical Nuclear Medicine</i> , 2019, 44, e370-e371.	0.7	4
62	Complete Metabolic Response Assessed by FDG PET/CT to Paclitaxel-Ramucirumab in Patients With Metastatic Gastroesophageal Junction Cancer. <i>Clinical Nuclear Medicine</i> , 2020, 45, 127-128.	0.7	3
63	Correlation Between FDG Hotspots on Pre-radiotherapy PET/CT and Areas of HNSCC Local Relapse: Impact of Treatment Position and Images Registration Method. <i>Frontiers in Medicine</i> , 2020, 7, 218.	1.2	3
64	Correlation between fluorodeoxyglucose hotspots on preradiotherapy PET/CT and areas of cancer local relapse: Systematic review of literature. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 444-452.	0.6	3
65	Prospective study of dynamic whole-body 68Ga-DOTATOC-PET/CT acquisition in patients with well-differentiated neuroendocrine tumors. <i>Scientific Reports</i> , 2021, 11, 4727.	1.6	3
66	Impact of suboptimal dosimetric coverage of pretherapeutic 18F-FDG PET/CT hotspots on outcome in patients with locally advanced cervical cancer treated with chemoradiotherapy followed by brachytherapy. <i>Clinical and Translational Radiation Oncology</i> , 2020, 23, 50-59.	0.9	3
67	Incidental Findings of a Vestibular Schwannoma on 18F-Choline PET/CT. <i>Clinical Nuclear Medicine</i> , 2021, 46, e75-e77.	0.7	3
68	Asymmetric Muscle Activity on 18F-FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2015, 40, e336-e337.	0.7	2
69	Clinical Validation of a Pixon-Based Reconstruction Method Allowing a Twofold Reduction in Planar Images Time of 111In-Pentetreotide Somatostatin Receptor Scintigraphy. <i>Frontiers in Medicine</i> , 2017, 4, 143.	1.2	2
70	Direct 4D Patlak 18F-FDG PET/MR for the Multi-Parametric Assessment of active cardiac sarcoidosis. , 2017, , .		2
71	Time trend analysis of pulmonary embolism diagnosis with single-photon emission computed tomography ventilation/perfusion imaging. <i>Nuclear Medicine Communications</i> , 2019, 40, 576-582.	0.5	2
72	Complete Metabolic Response Assessed by FDG PET/CT to FOLFIRI-Aflibercept in Second-Line Treatment of Metastatic Colorectal Cancer. <i>Clinical Nuclear Medicine</i> , 2019, 44, 578-579.	0.7	2

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73	Case Report: Nasal Cavity Epithelial-Myoepithelial Carcinoma With High Fluoro-D-Glucose Uptake on Positron Emission Tomography/Computed Tomography. <i>Frontiers in Medicine</i> , 2021, 8, 664520.	1.2	2
74	¹⁸ F-FDG PET/CT-Based Prognostic Survival Model After Surgery for Head and Neck Cancer. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1378-1385.	2.8	2
75	Early recurrence or submucosal residual of laryngeal squamous cell carcinoma: Diagnosis by CT-guided endolaryngeal core biopsy on a transcutaneous approach. <i>Head and Neck</i> , 2013, 35, E202-4.	0.9	1
76	Interest of chest X-ray in tailoring the diagnostic strategy in patients with suspected pulmonary embolism. <i>Blood Coagulation and Fibrinolysis</i> , 2015, 26, 643-648.	0.5	1
77	Review article: FDG-PET in inflammatory diseases. <i>Medecine Nucleaire</i> , 2017, 41, 3-14.	0.2	1
78	Progression of Focal to Diffuse Thyroid Uptake Detected by 18F-FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2018, 43, e310-e311.	0.7	1
79	Scintigraphie pulmonaire pour suspicion d'embolie pulmonaire aiguë: État des lieux des pratiques en France en 2014. <i>Medecine Nucleaire</i> , 2017, 41, 55-63.	0.2	0
80	An aortic intra mural hematoma in ventilation/perfusion SPECT/CT. <i>Medicine (United States)</i> , 2018, 97, e12928.	0.4	0
81	Intérêt complémentaire de la TEP/TDM au FDG et de l'imagerie conventionnelle dans le bilan initial et le suivi post-thérapeutique des cancers des VADS: recommandations et perspectives. <i>Medecine Nucleaire</i> , 2018, 42, 422-427.	0.2	0
82	Recommandations et référentiels. <i>Medecine Nucleaire</i> , 2019, 43, 1-4.	0.2	0
83	Incidental Finding of a Parotid Basal Cell Adenoma With High Tracer Uptake on 68Ga-DOTATOC PET/CT. <i>Clinical Nuclear Medicine</i> , 2021, Publish Ahead of Print, e381-e383.	0.7	0
84	N3 (> 6 cm) squamous cell carcinoma of the head and neck: outcomes and predictive factors in 104 patients. <i>Acta Otorhinolaryngologica Italica</i> , 2021, 41, 221-229.	0.7	0
85	Case Report: Two Rare Cases of Complete Metabolic Response to Crizotinib in Patients With Rearranged ROS1 and ALK Metastatic Non-small Lung Cancer. <i>Frontiers in Medicine</i> , 2021, 8, 691253.	1.2	0
86	Impressive Rapid Complete Response on FDG PET/CT to BRAF Inhibitors in a Metastatic Melanoma With Massive Tumor Burden. <i>Clinical Nuclear Medicine</i> , 2021, Publish Ahead of Print, .	0.7	0
87	Complete Metabolic Response Assessed by FDG PET/CT to FOLFOXIRI-Bevacizumab in First-Line Treatment of BRAFV600E Mutated Metastatic Colorectal Cancer. <i>Clinical Nuclear Medicine</i> , 2020, 45, 707-708.	0.7	0
88	Comparison of Volumetric Quantitative PET Parameters Before and After a CT-Based Elastic Deformation on Dual-Time 18FDG-PET/CT Images: A Feasibility Study in a Perspective of Radiotherapy Planning in Head and Neck Cancer. <i>Frontiers in Medicine</i> , 2022, 9, 831457.	1.2	0