

# Alexandre Cochet

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,364  
citations

331670

21  
h-index

345221

36  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unusual uptakes on 18F-fluorocholine positron emission tomography/computed tomography (PET/CT): a retrospective study of 368 prostate cancer patients referred for a biochemical recurrence or an initial staging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 172-182.	2.0	11
2	Detection of Myocardial Infarction by Cardiac Magnetic Resonance in Embolic Stroke Related to First Diagnosed Atrial Fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105753.	1.6	2
3	Myocardial Infarction Quantification from Late Gadolinium Enhancement MRI Using Top-Hat Transforms and Neural Networks. <i>Algorithms</i> , 2021, 14, 249.	2.1	9
4	Three-dimensional nuclear magnetic resonance spectroscopy: a complementary tool to multiparametric magnetic resonance imaging in the identification of aggressive prostate cancer at 3.0T. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3749-3766.	2.0	4
5	Comparison of two techniques (in vivo and ex-vivo) for evaluating the elastic properties of the ascending aorta: Prospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0256278.	2.5	3
6	Comparison between tumour metabolism derived from 18F-FDG PET/CT and accurate cytogenetic stratification in newly diagnosed multiple myeloma patients. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4299-4309.	2.0	2
7	Biological correlates of tumor perfusion and its heterogeneity in newly diagnosed breast cancer using dynamic first-pass 18F-FDG PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1103-1115.	6.4	11
8	Impact of ascending aorta replacement by graft on elastic properties of descending thoracic aorta evaluated by cardiac magnetic resonance imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 641-647.	2.0	1
9	Emidec: A Database Usable for the Automatic Evaluation of Myocardial Infarction from Delayed-Enhancement Cardiac MRI. <i>Data</i> , 2020, 5, 89.	2.3	46
10	Combination of breast imaging parameters obtained from 18F-FDG PET and CT scan can improve the prediction of breast-conserving surgery after neoadjuvant chemotherapy in luminal/HER2-negative breast cancer. <i>European Journal of Radiology</i> , 2019, 113, 81-88.	2.6	13
11	Salvage extended field or involved field nodal irradiation in 18F-fluorocholine PET/CT oligorecurrent nodal failures from prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 40-48.	6.4	41
12	Breast Cancer Blood Flow and Metabolism on Dual-Acquisition <sup>18</sup> F-FDG PET: Correlation with Tumor Phenotype and Neoadjuvant Chemotherapy Response. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1035-1041.	5.0	27
13	Reply: Semiquantification Limitations: FMTVDM <sup>+</sup> Demonstrates Quantified Tumor Response to Treatment with Both Regional Blood Flow and Metabolic Changes. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1644-1644.	5.0	1
14	FDG PET/CT for prognostic stratification of patients with metastatic breast cancer treated with first line systemic therapy: Comparison of EORTC criteria and PERCIST. <i>PLoS ONE</i> , 2018, 13, e0199529.	2.5	15
15	Clinical value of CA 15-3 for detection of distant metastases in newly diagnosed breast cancer. <i>Annales De Biologie Clinique</i> , 2017, 75, 421-429.	0.1	7
16	Relation between high levels of myeloperoxidase in the culprit artery and microvascular obstruction, infarct size and reverse remodeling in ST-elevation myocardial infarction. <i>PLoS ONE</i> , 2017, 12, e0179929.	2.5	10
17	18F-FDG PET <sup>+</sup> Derived Tumor Blood Flow Changes After 1 Cycle of Neoadjuvant Chemotherapy Predicts Outcome in Triple-Negative Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1707-1712.	5.0	27
18	Improved Estimation of Cardiac Function Parameters Using a Combination of Independent Automated Segmentation Results in Cardiovascular Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2015, 10, e0135715.	2.5	11

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19	Influence of Software Tool and Methodological Aspects of Total Metabolic Tumor Volume Calculation on Baseline [ <sup>18</sup> F]FDG PET to Predict Survival in Hodgkin Lymphoma. PLoS ONE, 2015, 10, e0140830.	2.5	90
20	Role of Positron Emission Tomography for the Monitoring of Response to Therapy in Breast Cancer. Oncologist, 2015, 20, 94-104.	3.7	53
21	Identification of Biomarkers Including <sup>18</sup> F-FDG-PET/CT for Early Prediction of Response to Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer. Clinical Cancer Research, 2015, 21, 5460-5468.	7.0	46
22	Current role of multiparametric magnetic resonance imaging for prostate cancer. Quantitative Imaging in Medicine and Surgery, 2015, 5, 754-64.	2.0	21
23	Pattern of occult nodal relapse diagnosed with <sup>18</sup> F-fluoro-choline PET/CT in prostate cancer patients with biochemical failure after prostate-only radiotherapy. Radiotherapy and Oncology, 2014, 111, 120-125.	0.6	34
24	Prognostic relevance at 5 years of the early monitoring of neoadjuvant chemotherapy using <sup>18</sup> F-FDG PET in luminal HER2-negative breast cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 416-427.	6.4	54
25	<sup>18</sup> F-FDG PET/CT provides powerful prognostic stratification in the primary staging of large breast cancer when compared with conventional explorations. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 428-437.	6.4	67
26	Factor analysis-based approach for early uptake automatic quantification of breast cancer by <sup>18</sup> F-FDG PET images sequence. Biomedical Signal Processing and Control, 2014, 9, 19-31.	5.7	3
27	HER2-positive breast cancer: <sup>18</sup> F-FDG PET for early prediction of response to trastuzumab plus taxane-based neoadjuvant chemotherapy. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1525-1533.	6.4	57
28	Baseline metabolic tumour volume is an independent prognostic factor in Hodgkin lymphoma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1735-1743.	6.4	152
29	Relationship Between Fragmented QRS and No-Reflow, Infarct Size, and Peri-Infarct Zone Assessed Using Cardiac Magnetic Resonance in Patients With Myocardial Infarction. Canadian Journal of Cardiology, 2014, 30, 204-210.	1.7	26
30	In Newly Diagnosed Diffuse Large B-Cell Lymphoma, Determination of Bone Marrow Involvement with <sup>18</sup> F-FDG PET/CT Provides Better Diagnostic Performance and Prognostic Stratification Than Does Biopsy. Journal of Nuclear Medicine, 2013, 54, 1244-1250.	5.0	156
31	Reply: Prognostic Implications of Imaging-Based Bone Marrow Assessment in Lymphoma: <sup>18</sup> F-FDG PET, MR Imaging, or <sup>18</sup> F-FDG PET/MR Imaging?. Journal of Nuclear Medicine, 2013, 54, 2018.1-2018.	5.0	0
32	Evaluation of Breast Tumor Blood Flow with Dynamic First-Pass <sup>18</sup> F-FDG PET/CT: Comparison with Angiogenesis Markers and Prognostic Factors. Journal of Nuclear Medicine, 2012, 53, 512-520.	5.0	53
33	Nonsupervised Ranking of Different Segmentation Approaches: Application to the Estimation of the Left Ventricular Ejection Fraction From Cardiac Cine MRI Sequences. IEEE Transactions on Medical Imaging, 2012, 31, 1651-1660.	8.9	27
34	MR spectroscopy compared with DW-MRI and DCE-MRI at 3-tesla for the noninvasive prediction of short-term radiation response for patients with localized prostate cancer.. Journal of Clinical Oncology, 2012, 30, 122-122.	1.6	0
35	Tumor Volume and Metabolism of Prostate Cancer Determined by Proton Magnetic Resonance Spectroscopic Imaging at 3T Without Endorectal Coil Reveal Potential Clinical Implications in the Context of Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2011, 80, 1087-1094.	0.8	22
36	Comparison of different segmentation approaches without using gold standard. Application to the estimation of the left ventricle ejection fraction from cardiac cine MRI sequences. , 2011, 2011, 2663-6.		3

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37	Positron Emission Tomography and Neoadjuvant Therapy of Breast Cancer. Journal of the National Cancer Institute Monographs, 2011, 2011, 111-115.	2.1	6
38	Prognostic Value of Microvascular Damage Determined by Cardiac Magnetic Resonance in Non ST-Segment Elevation Myocardial Infarction. Investigative Radiology, 2010, 45, 725-732.	6.2	17
39	Utility of Cardiac Magnetic Resonance to assess association between admission hyperglycemia and myocardial damage in patients with reperfused ST-Segment Elevation Myocardial Infarction. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 2.	3.3	13
40	[18F]FDG-PET predicts complete pathological response of breast cancer to neoadjuvant chemotherapy. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1915-1924.	6.4	160
41	Automatic Fuzzy Classification of the Washout Curves From Magnetic Resonance First-Pass Perfusion Imaging After Myocardial Infarction. Investigative Radiology, 2005, 40, 545-555.	6.2	6
42	The extent of myocardial damage assessed by contrast-enhanced MRI is a major determinant of N-BNP concentration after myocardial infarction. European Journal of Heart Failure, 2004, 6, 555-560.	7.1	30
43	Visual estimation of the global myocardial extent of hyperenhancement on delayed contrast-enhanced MRI. European Radiology, 2004, 14, 2182-2187.	4.5	26