

# Martina Tuttolomondo

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/210570/martina-tuttolomondo-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

1,223  
citations

19  
h-index

31  
g-index

112  
ext. papers

1,604  
ext. citations

4.3  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
98	Preclinical cerebral cryoablation in non-tumor bearing pigs.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1977	4.9	0
97	Artificial Intelligence in Vascular-PET:: Translational and Clinical Applications. <i>PET Clinics</i> , <b>2022</b> , 17, 95-113	2.2	0
96	An understanding of the atherosclerotic molecular calcific heterogeneity between coronary, upper limb, abdominal, and lower extremity arteries as assessed by NaF PET/CT. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 11, 40-45	2.2	1
95	PET-Based Imaging with F-FDG and F-NaF to Assess Inflammation and Microcalcification in Atherosclerosis and Other Vascular and Thrombotic Disorders.. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	1
94	Diagnostic accuracy of imaging modalities in detection of histopathological extranodal extension: A systematic review and meta-analysis. <i>Oral Oncology</i> , <b>2021</b> , 114, 105169	4.4	3
93	Nicotinamide mononucleotide and melatonin counteract myocardial ischemia-reperfusion injury by activating SIRT3/FOXO1 and reducing apoptosis in aged male rats. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 3089-3096	2.8	2
92	Carotid artery molecular calcification assessed by [F]fluoride PET/CT: correlation with cardiovascular and thromboembolic risk factors. <i>European Radiology</i> , <b>2021</b> , 31, 8050-8059	8	2
91	Two-year change in 18F-sodium fluoride uptake in major arteries of healthy subjects and angina pectoris patients. <i>International Journal of Cardiovascular Imaging</i> , <b>2021</b> , 37, 3115-3126	2.5	3
90	Aortic wall segmentation in F-sodium fluoride PET/CT scans: Head-to-head comparison of artificial intelligence-based versus manual segmentation. <i>Journal of Nuclear Cardiology</i> , <b>2021</b> , 1	2.1	5
89	Deleted in malignant brain tumor 1 genetic variation confers urinary tract infection risk in children and mice. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e477	5.7	2
88	Hybrid PET/MRI in non-small cell lung cancer (NSCLC) and lung nodules-a literature review. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 584-591	8.8	6
87	Quantitative thoracic aorta calcification assessment by F-NaF PET/CT and its correlation with atherosclerotic cardiovascular disorders and increasing age. <i>European Radiology</i> , <b>2021</b> , 31, 785-794	8	6
86	Histopathological Definitions of Extranodal Extension: A Systematic Review. <i>Head and Neck Pathology</i> , <b>2021</b> , 15, 599-607	3.3	5
85	Non-covalent Encapsulation of siRNA with Cell-Penetrating Peptides. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2282, 353-376	1.4	
84	Assessment of Total-Body Atherosclerosis by PET/Computed Tomography. <i>PET Clinics</i> , <b>2021</b> , 16, 119-128	2.2	6
83	Evaluation of siRNA Stability and Interaction with Serum Components Using an Agarose Gel-Based Single-Molecule FRET Labeling Method. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2282, 43-56	1.4	
82	Co-targeting CDK4/6 and AKT with endocrine therapy prevents progression in CDK4/6 inhibitor and endocrine therapy-resistant breast cancer. <i>Nature Communications</i> , <b>2021</b> , 12, 5112	17.4	7

81	"Global" cardiac atherosclerotic burden assessed by artificial intelligence-based versus manual segmentation in F-sodium fluoride PET/CT scans: Head-to-head comparison. <i>Journal of Nuclear Cardiology</i> , <b>2021</b> , 1	2.1	3
80	Alavi-Carlsen Calcification Score (ACCS): A Simple Measure of Global Cardiac Atherosclerosis Burden. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	3
79	Artificial intelligence-based measurements of PET/CT imaging biomarkers are associated with disease-specific survival of high-risk prostate cancer patients. <i>Scandinavian Journal of Urology</i> , <b>2021</b> , 55, 427-433	1.6	0
78	Critical review of PET imaging for detection and characterization of the atherosclerotic plaques with emphasis on limitations of FDG-PET compared to NaF-PET in this setting. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 11, 337-351	2.2	1
77	An Update on the Role of Total-Body PET Imaging in the Evaluation of Atherosclerosis. <i>PET Clinics</i> , <b>2020</b> , 15, 477-485	2.2	4
76	Low-Dose Radiation to COVID-19 Patients to Ease the Disease Course and Reduce the Need of Intensive Care. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 1724-1725	8.9	0
75	Clinical usefulness of FDG-PET/CT for identification of abnormal extra-cardiac foci in patients with infective endocarditis. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 939-946	2.5	5
74	Simple FRET Electrophoresis Method for Precise and Dynamic Evaluation of Serum siRNA Stability. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 195-202	4.3	4
73	Role of FDG-PET/CT in Assessing the Correlation Between Blood Pressure and Myocardial Metabolic Uptake. <i>Asia Oceania Journal of Nuclear Medicine and Biology</i> , <b>2020</b> , 8, 36-45	0.7	6
72	Role of F-NaF-PET in assessing aortic valve calcification with age. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 47-56	2.2	12
71	Association of triglyceride to high density lipoprotein ratio with global cardiac microcalcification to evaluate subclinical coronary atherosclerosis in non-diabetic individuals. <i>American Journal of Cardiovascular Disease</i> , <b>2020</b> , 10, 241-246	0.9	6
70	Prognostic significance of F-sodium fluoride in newly diagnosed multiple myeloma patients. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 151-160	2.2	1
69	Correlation of whole-bone marrow dual-time-point F-FDG, as measured by a CT-based method of PET/CT quantification, with response to treatment in newly diagnosed multiple myeloma patients. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 257-264	2.2	1
68	Comparison of atherosclerotic burden in non-lower extremity arteries in patients with and without peripheral artery disease using F-NaF-PET/CT imaging. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 272-278	2.2	3
67	Utilization of NaF-PET/CT in assessing global cardiovascular calcification using CHADS and CHADS-VASc scoring systems in high risk individuals for cardiovascular disease. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 10, 293-300	2.2	4
66	Perspective of Patients with Metastatic Breast Cancer on Electronic Access to Scan Results: Mixed-Methods Study. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e15723	7.6	5
65	F-sodium fluoride PET/CT provides prognostic clarity compared to calcium and Framingham risk scoring when addressing whole-heart arterial calcification. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 1678-1687	8.8	12
64	Brain glucose metabolism in patients with newly diagnosed multiple myeloma significantly decreases after high-dose chemotherapy followed by autologous stem cell transplantation. <i>Nuclear Medicine Communications</i> , <b>2020</b> , 41, 288-293	1.6	4

63	PET/CT-Based Response Evaluation in Cancer-a Systematic Review of Design Issues. <i>Molecular Imaging and Biology</i> , <b>2020</b> , 22, 33-46	3.8	6
62	Comparison of F-sodium fluoride uptake in the whole bone, pelvis, and femoral neck of multiple myeloma patients before and after high-dose therapy and conventional-dose chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 2846-2855	8.8	3
61	FDG-PET/CT for Response Monitoring in Metastatic Breast Cancer: Today, Tomorrow, and Beyond. <i>Cancers</i> , <b>2019</b> , 11,	6.6	3
60	Up-front F18-FDG PET/CT in suspected salivary gland carcinoma. <i>Annals of Nuclear Medicine</i> , <b>2019</b> , 33, 554-563	2.5	3
59	Upfront PET/CT affects management decisions in patients with recurrent head and neck squamous cell carcinoma. <i>Oral Oncology</i> , <b>2019</b> , 94, 1-7	4.4	2
58	Evolving Role of PET in Detecting and Characterizing Atherosclerosis. <i>PET Clinics</i> , <b>2019</b> , 14, 197-209	2.2	14
57	The impact of endoscopic ultrasound-guided fine-needle aspiration of lymph nodes on subsequent positron emission tomography/computed tomography imaging: a prospective study. <i>Endoscopy</i> , <b>2019</b> , 51, 165-168	3.4	
56	Linked Hexokinase and Glucose-6-Phosphatase Activities Reflect Grade of Ovarian Malignancy. <i>Molecular Imaging and Biology</i> , <b>2019</b> , 21, 375-381	3.8	3
55	Hybrid PET/MRI in major cancers: a scoping review. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 2138-2151	8.8	19
54	F-Fluoromethylcholine-positron emission tomography/computed tomography for diagnosing bone and lymph node metastases in patients with intermediate- or high-risk prostate cancer. <i>Prostate International</i> , <b>2019</b> , 7, 119-123	3.4	3
53	Comparison of methods of quantifying global synovial metabolic activity with FDG-PET/CT in rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , <b>2019</b> , 22, 2191-2198	2.3	12
52	Clinical value of F-FDG-PET/CT in suspected serious disease with special emphasis on occult cancer. <i>Annals of Nuclear Medicine</i> , <b>2019</b> , 33, 184-192	2.5	2
51	Diagnostic manifestations of total hemispheric glucose metabolism ratio in neuronal network diaschisis: diagnostic implications in Alzheimer's disease and mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 1164-1174	8.8	1
50	Molecular Imaging of Bacteria in Patients Is an Attractive Fata Morgana, Not a Realistic Option. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 716-717	8.9	3
49	F-NaF and F-FDG as molecular probes in the evaluation of atherosclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 2190-2200	8.8	67
48	One-step FPLC-size-exclusion chromatography procedure for purification of rDMBT1 6kb with increased biological activity. <i>Analytical Biochemistry</i> , <b>2018</b> , 542, 16-19	3.1	4
47	Chelation, formulation, encapsulation, retention, and in vivo biodistribution of hydrophobic nanoparticles labelled with Co-porphyrin: Oleylamine ensures stable chelation of cobalt in nanoparticles that accumulate in tumors. <i>Journal of Controlled Release</i> , <b>2018</b> , 291, 11-25	11.7	5
46	The Role of PET in Evaluating Atherosclerosis: A Critical Review. <i>Seminars in Nuclear Medicine</i> , <b>2018</b> , 48, 488-497	5.4	36

45	F-FDG PET/CT to differentiate malignant necrotic lymph node from benign cystic lesions in the neck. <i>Annals of Nuclear Medicine</i> , <b>2017</b> , 31, 101-108	2.5	17
44	Head-to-Head Comparison of Chest X-Ray/Head and Neck MRI, Chest CT/Head and Neck MRI, and F-FDG PET/CT for Detection of Distant Metastases and Synchronous Cancer in Oral, Pharyngeal, and Laryngeal Cancer. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1919-1924	8.9	48
43	Evaluation of somatostatin and nucleolin receptors for therapeutic delivery in non-small cell lung cancer stem cells applying the somatostatin-analog DOTATATE and the nucleolin-targeting aptamer AS1411. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178286	3.7	16
42	Group-sequential analysis may allow for early trial termination: illustration by an intra-observer repeatability study. <i>EJNMMI Research</i> , <b>2017</b> , 7, 79	3.6	2
41	Quantitative 3D scintigraphy shows increased muscular uptake of pyrophosphate in idiopathic inflammatory myopathy. <i>EJNMMI Research</i> , <b>2017</b> , 7, 97	3.6	1
40	A PSMA Ligand Labeled with Cobalt-55 for PET Imaging of Prostate Cancer. <i>Molecular Imaging and Biology</i> , <b>2017</b> , 19, 915-922	3.8	8
39	Human DMBT1-Derived Cell-Penetrating Peptides for Intracellular siRNA Delivery. <i>Molecular Therapy - Nucleic Acids</i> , <b>2017</b> , 8, 264-276	10.7	19
38	Association of PET index quantifying skeletal uptake in NaF PET/CT images with overall survival in prostate cancer patients.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 178-178	2.2	
37	Dual-time-point Imaging and Delayed-time-point Fluorodeoxyglucose-PET/Computed Tomography Imaging in Various Clinical Settings. <i>PET Clinics</i> , <b>2016</b> , 11, 65-84	2.2	30
36	How to assess intra- and inter-observer agreement with quantitative PET using variance component analysis: a proposal for standardisation. <i>BMC Medical Imaging</i> , <b>2016</b> , 16, 54	2.9	13
35	Cost-effectiveness of chiropractic care versus self-management in patients with musculoskeletal chest pain. <i>Open Heart</i> , <b>2016</b> , 3, e000334	3	4
34	Dual time-point FDG PET/CT and FDG uptake and related enzymes in lymphadenopathies: preliminary results. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 1824-36	8.8	8
33	Reply to: "Comments on Kristensen et al.: Clinical value of FDG-PET/CT in suspected paraneoplastic syndromes: a retrospective analysis of 137 patients": By Betül Vatankulu, Sabire Yilmaz Aksoy, Sait Sager, Metin Halaçlı <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 582	8.8	
32	[18F]Fluorodeoxyglucose (FDG)-Positron Emission Tomography (PET)/Computed Tomography (CT) in Suspected Recurrent Breast Cancer: A Prospective Comparative Study of Dual-Time-Point FDG-PET/CT, Contrast-Enhanced CT, and Bone Scintigraphy. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 1889-97	2.2	39
31	FDG PET/CT in cancer: comparison of actual use with literature-based recommendations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 695-706	8.8	40
30	18F-FDG-PET/CT in Multiple Myeloma: High Intense PET Positive Lesions at Diagnosis Harbor Cytogenetic Adverse Subclones. <i>Blood</i> , <b>2016</b> , 128, 3260-3260	2.2	
29	18F-FDG-PET/CT and Osteolytic Bone Disease in Multiple Myeloma. <i>Blood</i> , <b>2016</b> , 128, 5622-5622	2.2	
28	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. <i>Theranostics</i> , <b>2016</b> , 6, 2278-2291	12.1	15

27	Personalized Clinical Decision Making in Gastrointestinal Malignancies: The Role of PET. <i>PET Clinics</i> , <b>2016</b> , 11, 273-83	2.2	7
26	Clinical utility of F-18 FDG PET-CT in the initial evaluation of lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 2084-97	8.8	33
25	Quantitative myocardial perfusion by O-15-water PET: individualized vs. standardized vascular territories. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 970-6	4.1	17
24	Clinical value of FDG-PET/CT in suspected paraneoplastic syndromes: a retrospective analysis of 137 patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 2056-63	8.8	14
23	[ <sup>18</sup> F]-fluorodeoxyglucose PET imaging of atherosclerosis. <i>PET Clinics</i> , <b>2015</b> , 10, 1-7	2.2	8
22	[ <sup>18</sup> F]-fluorodeoxyglucose PET/computed tomography for primary brain tumors. <i>PET Clinics</i> , <b>2015</b> , 10, 59-73	2.2	20
21	Cost-effectiveness of PET and PET/computed tomography: a systematic review. <i>PET Clinics</i> , <b>2015</b> , 10, 105-24	2.2	10
20	Seeing the unseen—bioturbation in 4D: tracing bioirrigation in marine sediment using positron emission tomography and computed tomography. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122201	3.7	7
19	Clinical characteristics, myocardial perfusion deficits, and clinical outcomes of patients with non-specific chest pain hospitalized for suspected acute coronary syndrome: a 4-year prospective cohort study. <i>International Journal of Cardiology</i> , <b>2015</b> , 182, 126-31	3.2	5
18	Added value of cost-utility analysis in simple diagnostic studies of accuracy: (18)F-fluoromethylcholine PET/CT in prostate cancer staging. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 5, 183-94	2.2	4
17	FDG-PET/CT in Infectious and Inflammatory Diseases. <i>PET Clinics</i> , <b>2014</b> , 9, 497-519, vi-vii	2.2	45
16	Evaluation of cobalt-labeled octreotide analogs for molecular imaging and auger electron-based radionuclide therapy. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 1311-6	8.9	16
15	<sup>18</sup> F-fluoro-deoxy-glucose-positron emission tomography/computed tomography in diagnosis of head and neck squamous cell carcinoma: a systematic review and meta-analysis. <i>European Journal of Cancer</i> , <b>2014</b> , 50, 2271-9	7.5	36
14	The Basic Principles of FDG-PET/CT Imaging. <i>PET Clinics</i> , <b>2014</b> , 9, 355-70, v	2.2	49
13	FDG in Urologic Malignancies. <i>PET Clinics</i> , <b>2014</b> , 9, 457-68, vi	2.2	10
12	A brief overview of novel approaches to FDG PET imaging and quantification. <i>Clinical and Translational Imaging</i> , <b>2014</b> , 2, 187-198	2	16
11	The pivotal role of FDG-PET/CT in modern medicine. <i>Academic Radiology</i> , <b>2014</b> , 21, 232-49	4.3	77
10	Natural pattern recognition mechanisms at epithelial barriers and potential use in nanomedicine. <i>European Journal of Nanomedicine</i> , <b>2014</b> , 6,		4

9	ET-22CONVECTION-ENHANCED DELIVERY OF THE AUGER-ELECTRON-EMITTER 125I-UdR: A HIGHLY EFFICIENT THERAPY IN AN ORTHOTOPIC GLIOBLASTOMA XENOGRAFT MODEL. <i>Neuro-Oncology</i> , <b>2014</b> , 16, v84-v84	1	78
8	FDG-PET/CT can rule out malignancy in patients with vocal cord palsy. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2014</b> , 4, 193-201	2.2	5
7	PET/CT in the diagnosis of inflammatory bowel disease in pediatric patients: a review. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2014</b> , 4, 225-30	2.2	15
6	Left atrial volume index: relation to long-term clinical outcome in type 2 diabetes. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2416-2421	15.1	62
5	Saline loading does not change renal medullary blood flow in essential hypertension. <i>FASEB Journal</i> , <b>2013</b> , 27, 955.13	0.9	
4	Breast cancer stem cells: a moving target for cancer nanomedicine. <i>European Journal of Nanomedicine</i> , <b>2012</b> , 4,		1
3	PET/CT without capacity limitations: a Danish experience from a European perspective. <i>European Radiology</i> , <b>2011</b> , 21, 1277-85	8	21
2	Usefulness of the exercise electrocardiogram in diagnosing ischemic or coronary heart disease in patients with chest pain. <i>American Journal of Cardiology</i> , <b>2005</b> , 95, 96-9	3	6
1	Acute effects of smoking on left ventricular function and neuro-humoral responses in patients with known or suspected ischaemic heart disease. <i>Clinical Physiology and Functional Imaging</i> , <b>2004</b> , 24, 216-23 <sup>2,4</sup>		3