

Emanuele Nicolai

List of Publications by Year in descending order

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82
papers

3,062
citations

147726

31
h-index

168321

53
g-index

82
all docs

82
docs citations

82
times ranked

3608
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between simultaneously acquired resting-state regional cerebral glucose metabolism and functional MRI: A PET/MR hybrid scanner study. <i>NeuroImage</i> , 2015, 113, 111-121.	2.1	182
2	Clinical Impact of PET/MR Imaging in Patients with Cancer Undergoing Same-Day PET/CT: Initial Experience in 134 Patientsâ€”A Hypothesis-generating Exploratory Study. <i>Radiology</i> , 2013, 269, 857-869.	3.6	153
3	Randomized comparison of consolidation radiation versus observation in bulky Hodgkin's lymphoma with post-chemotherapy negative positron emission tomography scans. <i>Leukemia and Lymphoma</i> , 2007, 48, 1721-1727.	0.6	129
4	Comparison of whole-body PET/CT and PET/MRI in breast cancer patients: Lesion detection and quantitation of 18F-deoxyglucose uptake in lesions and in normal organ tissues. <i>European Journal of Radiology</i> , 2014, 83, 289-296.	1.2	117
5	Evaluation of Quantitative PET/MR Enterography Biomarkers for Discrimination of Inflammatory Strictures from Fibrotic Strictures in Crohn Disease. <i>Radiology</i> , 2016, 278, 792-800.	3.6	113
6	Comparison of CE-FDG-PET/CT with CE-FDG-PET/MR in the evaluation of osseous metastases in breast cancer patients. <i>British Journal of Cancer</i> , 2015, 112, 1452-1460.	2.9	109
7	Left ventricular function in young adults with childhood and adulthood onset growth hormone deficiency. <i>Clinical Endocrinology</i> , 1998, 48, 137-144.	1.2	106
8	Is the Acromegalic Cardiomyopathy Reversible? Effect of 5-Year Normalization of Growth Hormone and Insulin-Like Growth Factor I Levels on Cardiac Performance*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1551-1557.	1.8	102
9	Functional Dyspepsia Symptoms, Gastric Emptying and Satiety Provocative Test: Analysis of Relationships. <i>Scandinavian Journal of Gastroenterology</i> , 2001, 36, 1030-1036.	0.6	94
10	Independent and incremental prognostic value of heart rate variability in patients with chronic heart failure. <i>American Heart Journal</i> , 1999, 138, 273-284.	1.2	85
11	Impaired cardiac reserve and exercise capacity in patients receiving long-term thyrotropin suppressive therapy with levothyroxine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 4224-4228.	1.8	83
12	Is the Acromegalic Cardiomyopathy Reversible? Effect of 5-Year Normalization of Growth Hormone and Insulin-Like Growth Factor I Levels on Cardiac Performance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1551-1557.	1.8	81
13	Impaired Cardiac Performance in Elderly Patients with Growth Hormone Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3950-3955.	1.8	75
14	PET/MR Versus PET/CT Imaging: Impact on the Clinical Management of Small-Bowel Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 277-285.	0.6	74
15	Improved left ventricular function after growth hormone replacement in patients with hypopituitarism: Assessment with radionuclide angiography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 390-394.	2.2	72
16	First experience of simultaneous PET/MRI for the early detection of cardiac involvement in patients with Anderson-Fabry disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1025-1031.	3.3	71
17	Simultaneous PET/MR head-neck cancer imaging: Preliminary clinical experience and multiparametric evaluation. <i>European Journal of Radiology</i> , 2015, 84, 1269-1276.	1.2	59
18	Diagnostic and prognostic role of PET/CT in patients with chronic lymphocytic leukemia and progressive disease. <i>Leukemia</i> , 2015, 29, 1360-1365.	3.3	57

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19	Successful coronary revascularization improves prognosis in patients with previous myocardial infarction and evidence of viable myocardium at thallium-201 imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 25, 60-68.	3.3	54
20	Direct comparison of technetium 99m ^{99m} sestamibi and technetium 99m ^{99m} tetrofosmin cardiac single photon emission computed tomography in patients with coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 1998, 5, 265-274.	1.4	49
21	Dipyridamole-atropine stress echocardiography versus exercise SPECT scintigraphy for detection of coronary artery disease in hypertensives with positive exercise test. <i>Journal of Hypertension</i> , 2001, 19, 495-502.	0.3	44
22	Determinants of Physiologic 18F-FDG Uptake in Brown Adipose Tissue in Sequential PET/CT Examinations. <i>Molecular Imaging and Biology</i> , 2011, 13, 1029-1035.	1.3	44
23	Whole-body PET/MRI in oncology: current status and clinical applications. <i>Clinical and Translational Imaging</i> , 2013, 1, 31-44.	1.1	41
24	Progression of Brain Atrophy in Spinocerebellar Ataxia Type 2: A Longitudinal Tensor-Based Morphometry Study. <i>PLoS ONE</i> , 2014, 9, e89410.	1.1	41
25	Noninvasive evaluation of cardiac hemodynamics during exercise in patients with chronic heart failure: Effects of short-term Coenzyme Q10 treatment. <i>Molecular Aspects of Medicine</i> , 1994, 15, s155-s163.	2.7	39
26	Does the age of onset of growth hormone deficiency affect cardiac performance? A radionuclide angiography study. <i>Clinical Endocrinology</i> , 2000, 52, 447-455.	1.2	39
27	Effects of carbonated water on functional dyspepsia and constipation. <i>European Journal of Gastroenterology and Hepatology</i> , 2002, 14, 991-999.	0.8	38
28	Contrast-enhanced Harmonic Compound US of the Spleen to Increase Staging Accuracy in Patients with Hodgkin Lymphoma: A Prospective Study. <i>Radiology</i> , 2009, 251, 574-582.	3.6	37
29	Relationship between functional imaging and immunohistochemical markers and prediction of breast cancer subtype: a PET/MRI study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1680-1693.	3.3	36
30	Effect of Carbonation on Brain Processing of Sweet Stimuli in Humans. <i>Gastroenterology</i> , 2013, 145, 537-539.e3.	0.6	34
31	Progression of Microstructural Damage in Spinocerebellar Ataxia Type 2: A Longitudinal DTI Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1096-1101.	1.2	34
32	Quantitative thallium-201 and technetium 99m sestamibi tomography at rest in detection of myocardial viability in patients with chronic ischemic left ventricular dysfunction. <i>Journal of Nuclear Cardiology</i> , 2000, 7, 8-15.	1.4	32
33	Left ventricular dysfunction in coronary artery disease: Comparison between rest-redistribution thallium 201 and resting technetium 99m methoxyisobutyl isonitrile cardiac imaging. <i>Journal of Nuclear Cardiology</i> , 1994, 1, 65-71.	1.4	31
34	Early Cardiac Involvement Affects Left Ventricular Longitudinal Function in Females Carrying Î±-Galactosidase A Mutation. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007019.	1.3	31
35	Technetium 99m-labeled tetrofosmin myocardial tomography in patients with coronary artery disease: Comparison between adenosine and dynamic exercise stress testing. <i>Journal of Nuclear Cardiology</i> , 1996, 3, 194-203.	1.4	29
36	Fused FDGâ€“PET/contrast-enhanced CT detects occult subdiaphragmatic involvement of Hodgkin's lymphoma thereby identifying patients requiring six cycles of anthracycline-containing chemotherapy and consolidation radiation of spleen. <i>Annals of Oncology</i> , 2011, 22, 671-680.	0.6	29

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37	Effects of 1-Year Treatment with Octreotide on Cardiac Performance in Patients with Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 17-23.	1.8	29
38	Accuracy and repeatability of left ventricular systolic and diastolic function measurements using an ambulatory radionuclide monitor. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1992, 19, 800-6.	2.2	28
39	Resting technetium-99m methoxyisobutylisonitrile cardiac imaging in chronic coronary artery disease: comparison with rest-redistribution thallium-201 scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1993, 20, 1186-92.	2.2	28
40	Hybrid positron emission tomography-magnetic resonance imaging for assessing different stages of cardiac impairment in patients with Anderson-Fabry disease: AFFINITY study group. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1004-1011.	0.5	28
41	Comparison of simultaneous 18F-2-[18F] FDG PET/MR and PET/CT in the follow-up of patients with differentiated thyroid cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3066-3073.	3.3	27
42	Hybrid core shell nanoparticles entrapping Gd-DTPA and ¹⁸ F-FDG for simultaneous PET/MRI acquisitions. <i>Nanomedicine</i> , 2017, 12, 2223-2231.	1.7	26
43	An Evaluation of the Benefits of Simultaneous Acquisition on PET/MR Coregistration in Head/Neck Imaging. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-7.	1.1	26
44	Combined assessment of left ventricular function and rest-redistribution regional myocardial thallium-201 activity for prognostic evaluation of patients with chronic coronary artery disease and left ventricular dysfunction. <i>Journal of Nuclear Cardiology</i> , 1998, 5, 378-386.	1.4	25
45	Prognostic Role of 18F-FDG PET/CT in the Postoperative Evaluation of Differentiated Thyroid Cancer Patients. <i>Clinical Nuclear Medicine</i> , 2015, 40, 111-115.	0.7	25
46	Regional Cerebral Disease Progression in Friedreich's Ataxia: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2016, 26, 197-200.	1.0	25
47	Histogram analysis of DTI-derived indices reveals pontocerebellar degeneration and its progression in SCA2. <i>PLoS ONE</i> , 2018, 13, e0200258.	1.1	22
48	Rest-injected thallium-201 redistribution and resting technetium-99m methoxyisobutylisonitrile uptake in coronary artery disease: relation to the severity of coronary artery stenosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1993, 20, 502-10.	2.2	19
49	Adenosine coronary vasodilation quantitative technetium 99m methoxy isobutyl isonitrile myocardial tomography in the identification and localization of coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 1996, 3, 9-17.	1.4	19
50	The role of a pre-load beverage on gastric volume and food intake: comparison between non-caloric carbonated and non-carbonated beverage. <i>Nutrition Journal</i> , 2011, 10, 114.	1.5	19
51	CA15-3 is a useful serum tumor marker for diagnostic integration of hybrid positron emission tomography with integrated computed tomography during follow-up of breast cancer patients. <i>BMC Cancer</i> , 2014, 14, 356.	1.1	19
52	Multimodal Neuroimaging Approach to Variability of Functional Connectivity in Disorders of Consciousness: A PET/MRI Pilot Study. <i>Frontiers in Neurology</i> , 2018, 9, 861.	1.1	19
53	SDN Biobank: Bioresource of Human Samples Associated with Functional and/or Morphological Bioimaging Results for the Study of Oncological, Cardiological, Neurological, and Metabolic Diseases. <i>Open Journal of Bioresources</i> , 2017, 4, .	1.5	18
54	A multi-parametric PET/MRI study of breast cancer: Evaluation of DCE-MRI pharmacokinetic models and correlation with diffusion and functional parameters. <i>NMR in Biomedicine</i> , 2019, 32, e4026.	1.6	16

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55	Impaired Cardiac Performance in Elderly Patients with Growth Hormone Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3950-3955.	1.8	16
56	Assessment of systolic wall thickening using technetium-99m methoxyisobutylisotrile in patients with coronary artery disease: relation to thallium-201 scintigraphy with re-injection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995, 22, 1017-1022.	2.2	15
57	Lower medulla hypoplasia in Friedreich ataxia: MR Imaging confirmation 140Âyears later. <i>Journal of Neurology</i> , 2017, 264, 1526-1528.	1.8	14
58	Brown Adipose Tissue in Breast Cancer Evaluated by [18F] FDG-PET/CT. <i>Molecular Imaging and Biology</i> , 2020, 22, 1111-1115.	1.3	14
59	Quantitative exercise technetium-99m tetrofosmin myocardial tomography for the identification and localization of coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 648-655.	2.2	13
60	Prognostic role of FDG PET/CT in patients with differentiated thyroid cancer treated with 131-iodine empiric therapy. <i>Medicine (United States)</i> , 2017, 96, e8344.	0.4	12
61	Comparison between exercise and trans-oesophageal atrial pacing in patients with coronary artery disease: technetium-99m methoxy isobutyl isonitrile simultaneous evaluation of ventricular function and myocardial perfusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1992, 19, 119-24.	2.2	10
62	Cardiac performance during exercise in patients with Fabry's disease. <i>European Journal of Clinical Investigation</i> , 2008, 38, 910-917.	1.7	10
63	Assessment of poststress left ventricular ejection fraction by gated SPECT: comparison with equilibrium radionuclide angiocardiography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 349-356.	3.3	9
64	Gender, ageâ€related, and regional differences of the magnetization transfer ratio of the cortical and subcortical brain gray matter. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 360-366.	1.9	9
65	Technetium-99m Methoxy Isobutyl Isonitrile Simultaneous Evaluation of Ventricular Function and Myocardial Perfusion in Patients With Congenital Heart Disease. <i>Clinical Nuclear Medicine</i> , 1994, 19, 28-32.	0.7	7
66	Prognostic value of coronary angiography in patients with chronic ischemic left ventricular dysfunction and evidence of viable myocardium on thallium reinjection imaging. <i>Journal of Nuclear Cardiology</i> , 1997, 4, 387-395.	1.4	7
67	Exercise-rest Tc-99m tetrofosmin SPECT in patients with chronic ischemic left ventricular dysfunction: Direct comparison with TI-201 reinjection. <i>Journal of Nuclear Cardiology</i> , 1999, 6, 270-277.	1.4	7
68	Role of serial cardiac 18F-FDG PET-MRI in Andersonâ€™Fabry disease: a pilot study. <i>Insights Into Imaging</i> , 2021, 12, 124.	1.6	7
69	Massive hydrops of the gallbladder mimicking a choledochal cyst. <i>Journal of Pediatric Surgery</i> , 2011, 46, 1015-1018.	0.8	6
70	Prognostic value of 18F-FDG PET/MRI in patients with advanced oropharyngeal and hypopharyngeal squamous cell carcinoma. <i>Annals of Nuclear Medicine</i> , 2021, 35, 479-484.	1.2	6
71	Prognostic value of myocardial hypoperfusion indexes in patients with suspected or known coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 1994, 1, 325-337.	1.4	5
72	Ambulatory monitoring of left ventricular function in patients with Parkinson's disease and postural hypotension. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1994, 21, 1312-1317.	2.2	5

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73	Detection of Leptomeningeal Involvement by 18F-FDG-PET/CT in a Patient With Non-Hodgkin Lymphoma. <i>Clinical Nuclear Medicine</i> , 2016, 41, 169-172.	0.7	5
74	[18F]FDG uptake of the normal spinal cord in PET/MR imaging: comparison with PET/CT imaging. <i>EJNMMI Research</i> , 2020, 10, 91.	1.1	5
75	Reverse Redistribution in Tl-201 Stress-Redistribution Myocardial Scintigraphy. <i>Clinical Nuclear Medicine</i> , 1994, 19, 956-961.	0.7	4
76	Cardiac performance during exercise in hypertensive patients without ventricular hypertrophy. <i>European Journal of Clinical Investigation</i> , 2009, 39, 664-670.	1.7	4
77	Prognostic Value of Hybrid PET/MR Imaging in Patients with Differentiated Thyroid Cancer. <i>Cancers</i> , 2022, 14, 2958.	1.7	4
78	Incremental prognostic value of thallium imaging and coronary angiography in patients with a symptom-limited ECG stress test. <i>Coronary Artery Disease</i> , 1993, 4, 637-644.	0.3	2
79	Technetium 99m furifosmin regional myocardial uptake in patients with previous myocardial infarction: Relation to thallium-201 activity and left ventricular function. <i>Journal of Nuclear Cardiology</i> , 2000, 7, 235-241.	1.4	2
80	Handedness Side and Magnetization Transfer Ratio in the Primary Sensorimotor Cortex Central Sulcus. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	1
81	The impact of MR-based attenuation correction in spinal cord FDG-PET/MR imaging for neurological studies. <i>Medical Physics</i> , 2021, 48, 5924-5934.	1.6	1
82	Usefulness of Monitoring Left Ventricular Function by an Ambulatory Radionuclide Detector (VEST) in Patients with Parkinson's Disease and Postural Hypotension. <i>Advances in Behavioral Biology</i> , 1995, , 51-54.	0.2	0