

Martina Sollini

List of Publications by Year in descending order

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109
papers

3,391
citations

136950

32
h-index

161849

54
g-index

119
all docs

119
docs citations

119
times ranked

4313
citing authors

#	ARTICLE	IF	CITATIONS
1	Added Value of ^{99m} Tc-HMPAO- ^{99m} Tc-Labeled Leukocyte SPECT/CT in the Characterization and Management of Patients with Infectious Endocarditis. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1235-1243.	5.0	200
2	Towards clinical application of image mining: a systematic review on artificial intelligence and radiomics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2656-2672.	6.4	177
3	Prediction of disease-free survival by the PET/CT radiomic signature in non-small cell lung cancer patients undergoing surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 207-217.	6.4	143
4	Minimally-invasive treatments for benign thyroid nodules: a Delphi-based consensus statement from the Italian minimally-invasive treatments of the thyroid (MITT) group. <i>International Journal of Hyperthermia</i> , 2019, 36, 375-381.	2.5	143
5	Radiolabeled WBC Scintigraphy in the Diagnostic Workup of Patients With Suspected Device-Related Infections. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1075-1086.	5.3	129
6	PET Radiomics in NSCLC: state of the art and a proposal for harmonization of methodology. <i>Scientific Reports</i> , 2017, 7, 358.	3.3	127
7	Ability of FDG PET and CT radiomics features to differentiate between primary and metastatic lung lesions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1649-1660.	6.4	112
8	PET/CT radiomics in breast cancer: promising tool for prediction of pathological response to neoadjuvant chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1468-1477.	6.4	107
9	Vasculitis changes in COVID-19 survivors with persistent symptoms: an [18F]FDG-PET/CT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1460-1466.	6.4	106
10	Long COVID hallmarks on [18F]FDG-PET/CT: a case-control study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3187-3197.	6.4	106
11	Texture analysis and machine learning to characterize suspected thyroid nodules and differentiated thyroid cancer: Where do we stand?. <i>European Journal of Radiology</i> , 2018, 99, 1-8.	2.6	85
12	State-of-the-art of FAPI-PET imaging: a systematic review and meta-analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4396-4414.	6.4	85
13	Image acquisition and interpretation criteria for ^{99m} Tc-HMPAO-labelled white blood cell scintigraphy: results of a multicentre study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 615-623.	6.4	82
14	Radiomics based analysis to predict local control and survival in hepatocellular carcinoma patients treated with volumetric modulated arc therapy. <i>BMC Cancer</i> , 2017, 17, 829.	2.6	77
15	[18F]Choline PET/CT and stereotactic body radiotherapy on treatment decision making of oligometastatic prostate cancer patients: preliminary results. <i>Radiation Oncology</i> , 2016, 11, 9.	2.7	70
16	State of the art of 18F-FDG PET/CT application in inflammation and infection: a guide for image acquisition and interpretation. <i>Clinical and Translational Imaging</i> , 2021, 9, 299-339.	2.1	70
17	Radiomics of Liver Metastases: A Systematic Review. <i>Cancers</i> , 2020, 12, 2881.	3.7	69
18	Differentiated Thyroid Cancer: A New Perspective with Radiolabeled Somatostatin Analogues for Imaging and Treatment of Patients. <i>Thyroid</i> , 2014, 24, 715-726.	4.5	68

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19	Radioimmunotherapy with Radretumab in Patients with Relapsed Hematologic Malignancies. <i>Journal of Nuclear Medicine</i> , 2012, 53, 922-927.	5.0	65
20	[18F]FDG PET/CT features for the molecular characterization of primary breast tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1945-1954.	6.4	61
21	Radiolabelled leucocyte scintigraphy versus conventional radiological imaging for the management of late, low-grade vascular prosthesis infections. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 357-368.	6.4	58
22	Computed tomography based radiomic signature as predictive of survival and local control after stereotactic body radiation therapy in pancreatic carcinoma. <i>PLoS ONE</i> , 2019, 14, e0210758.	2.5	58
23	Convolutional Neural Networks Promising in Lung Cancer T-Parameter Assessment on Baseline FDG-PET/CT. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-6.	0.8	57
24	FDG-PET in Cardiac Infections. <i>Seminars in Nuclear Medicine</i> , 2013, 43, 377-395.	4.6	54
25	Radiomics and gene expression profile to characterise the disease and predict outcome in patients with lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3643-3655.	6.4	53
26	Computed tomography (CT)-derived radiomic features differentiate prevascular mediastinum masses as thymic neoplasms versus lymphomas. <i>Radiologia Medica</i> , 2020, 125, 951-960.	7.7	52
27	Imaging-Based Prediction of Molecular Therapy Targets in NSCLC by Radiogenomics and AI Approaches: A Systematic Review. <i>Diagnostics</i> , 2020, 10, 359.	2.6	51
28	Allogeneic transplantation after PD-1 blockade for classic Hodgkin lymphoma. <i>Leukemia</i> , 2021, 35, 2672-2683.	7.2	45
29	PET/CT radiomics in breast cancer: Mind the step. <i>Methods</i> , 2021, 188, 122-132.	3.8	44
30	The "3M" Approach to Cardiovascular Infections: Multimodality, Multitracers, and Multidisciplinary. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 199-224.	4.6	38
31	PET/MRI in Infection and Inflammation. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 225-241.	4.6	38
32	Radiolabeled Somatostatin Analogues Therapy in Advanced Neuroendocrine Tumors: A Single Centre Experience. <i>Journal of Oncology</i> , 2012, 2012, 1-10.	1.3	36
33	PET and PET/CT with ⁶⁸ Gallium-Labeled Somatostatin Analogues in Non GEP-NETs Tumors. <i>Scientific World Journal</i> , The, 2014, 2014, 1-19.	2.1	34
34	ED-B fibronectin expression is a marker of epithelial-mesenchymal transition in translational oncology. <i>Oncotarget</i> , 2017, 8, 4914-4921.	1.8	32
35	EANM guideline for the preparation of an Investigational Medicinal Product Dossier (IMPD). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2175-2185.	6.4	31
36	PSMA expression level predicts differentiated thyroid cancer aggressiveness and patient outcome. <i>EJNMMI Research</i> , 2019, 9, 93.	2.5	31

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37	Complete remission of follicular lymphoma after SARS-CoV-2 infection: from the "flare phenomenon" to the "abscopal effect". European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2652-2654.	6.4	29
38	Current Status of Molecular Imaging in Infections. Current Pharmaceutical Design, 2018, 24, 754-771.	1.9	29
39	18F-FDG and 68Ga-somatostatin analogs PET/CT in patients with Merkel cell carcinoma: a comparison study. EJNMMI Research, 2018, 8, 64.	2.5	28
40	Brief Report on the Use of Radiolabeled Somatostatin Analogs for the Diagnosis and Treatment of Metastatic Small-Cell Lung Cancer Patients. Journal of Thoracic Oncology, 2013, 8, 1095-1101.	1.1	27
41	Artificial intelligence and hybrid imaging: the best match for personalized medicine in oncology. European Journal of Hybrid Imaging, 2020, 4, 24.	1.5	27
42	PET/CT-based radiomics of mass-forming intrahepatic cholangiocarcinoma improves prediction of pathology data and survival. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3387-3400.	6.4	27
43	[18F]FDG-PET/CT texture analysis in thyroid incidentalomas: preliminary results. European Journal of Hybrid Imaging, 2017, 1, 3.	1.5	24
44	Cardiac molecular pathways influenced by doxorubicin treatment in mice. Scientific Reports, 2019, 9, 2514.	3.3	22
45	Comprehensive meta-analysis on [18F] FDG PET/CT and radiolabelled leukocyte SPECT/SPECT/CT imaging in infectious endocarditis and cardiovascular implantable electronic device infections. Clinical and Translational Imaging, 2018, 6, 3-18.	2.1	21
46	Distributed learning: a reliable privacy-preserving strategy to change multicenter collaborations using AI. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3791-3804.	6.4	21
47	Quantitative imaging biomarkers in nuclear medicine: from SUV to image mining studies. Highlights from annals of nuclear medicine 2018. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2737-2745.	6.4	18
48	FDG PET CT as theranostic imaging in diagnosis of non-small cell lung cancer. Frontiers in Bioscience - Landmark, 2017, 22, 1713-1723.	3.0	16
49	[18F]Fluorocholine PET/CT-guided stereotactic body radiotherapy in patients with recurrent oligometastatic prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 185-191.	6.4	16
50	Virtual Biopsy for Diagnosis of Chemotherapy-Associated Liver Injuries and Steatohepatitis: A Combined Radiomic and Clinical Model in Patients with Colorectal Liver Metastases. Cancers, 2021, 13, 3077.	3.7	16
51	Contrast Administration Impacts CT-Based Radiomics of Colorectal Liver Metastases and Non-Tumoral Liver Parenchyma Revealing the "Radiological" Tumour Microenvironment. Diagnostics, 2021, 11, 1162.	2.6	16
52	Role of molecular imaging in the management of patients affected by inflammatory bowel disease: State-of-the-art. World Journal of Radiology, 2016, 8, 829.	1.1	16
53	[18F]FDG PET/CT in non-union: improving the diagnostic performances by using both PET and CT criteria. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1605-1615.	6.4	14
54	Deep learning in Nuclear Medicine—focus on CNN-based approaches for PET/CT and PET/MR: where do we stand?. Clinical and Translational Imaging, 2021, 9, 37-55.	2.1	14

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55	Preoperative [11C]methionine PET to personalize treatment decisions in patients with lower-grade gliomas. <i>Neuro-Oncology</i> , 2022, 24, 1546-1556.	1.2	14
56	The Role of Imaging in the Diagnosis of Recurrence of Primary Seminal Vesicle Adenocarcinoma. <i>World Journal of Men's Health</i> , 2014, 32, 61.	3.3	13
57	Detection of a second malignancy in prostate cancer patients by using [18F]Choline PET/CT: a case series. <i>Cancer Imaging</i> , 2016, 16, 27.	2.8	13
58	Climbing the steps of the evidence-based medicine pyramid: highlights from <i>Annals of Nuclear Medicine</i> 2019. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1293-1301.	6.4	13
59	Methodological framework for radiomics applications in Hodgkin's lymphoma. <i>European Journal of Hybrid Imaging</i> , 2020, 4, 9.	1.5	13
60	The five "W"s and "How" of Targeted Alpha Therapy: Why? Who? What? Where? When? and How?. <i>Rendiconti Lincei</i> , 2020, 31, 231-247.	2.2	12
61	On the Automation of Radiomics-Based Identification and Characterization of NSCLC. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2670-2679.	6.3	11
62	Radiomics of Biliary Tumors: A Systematic Review of Current Evidence. <i>Diagnostics</i> , 2022, 12, 826.	2.6	11
63	Somatostatin receptor positron emission tomography/computed tomography imaging in Merkel cell carcinoma. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 1507-1511.	2.4	10
64	Diagnostic performances of [18F]fluorocholine positron emission tomography in brain tumors. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 62, 209-219.	0.7	9
65	Dosimetry for nonuniform activity distributions: A method for the calculation of 3D absorbed dose distribution without the use of voxel values, point kernels, or Monte Carlo simulations. <i>Medical Physics</i> , 2013, 40, 042505.	3.0	8
66	Hodgkin lymphoma and imaging in the era of anti-PD-1/PD-L1 therapy. <i>Clinical and Translational Imaging</i> , 2018, 6, 417-427.	2.1	8
67	Patients' findings after COVID-19 infection and vaccinations: what to expect from [18F]FDG PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 791-795.	6.4	8
68	ED-B-Containing Isoform of Fibronectin in Tumor Microenvironment of Thymomas: A Target for a Theragnostic Approach. <i>Cancers</i> , 2022, 14, 2592.	3.7	8
69	Detection of Device Infection Using Nuclear Cardiology Imaging. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 52-59.	0.2	7
70	[18F]FMCH PET/CT biomarkers and similarity analysis to refine the definition of oligometastatic prostate cancer. <i>EJNMMI Research</i> , 2021, 11, 119.	2.5	7
71	Role of Multimodal Imaging in Patients With Suspected Infections After the Bentall Procedure. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 745556.	2.4	7
72	Interdisciplinarity: an essential requirement for translation of radiomics research into clinical practice – a systematic review focused on thoracic oncology. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2020, 39, 146-156.	0.2	5

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73	Chemotherapy-Associated Liver Injuries: Unmet Needs and New Insights for Surgical Oncologists. <i>Annals of Surgical Oncology</i> , 2021, 28, 4074-4079.	1.5	5
74	Safety and Efficacy of Allogeneic Hematopoietic Stem Cell Transplant after Programmed Cell Death 1 (PD-1) / Programmed Cell Death Ligand 1 (PD-L1) Blockade for Classical Hodgkin Lymphoma: Analysis of a Large International Cohort. <i>Blood</i> , 2019, 134, 775-775.	1.4	5
75	Concerns About the Risk of Myeloid Malignancies After Radioiodine Therapy in Thyroid Cancer. <i>Journal of Clinical Oncology</i> , 2018, 36, 1885-1886.	1.6	4
76	The Use of 18F-FDG-PET/CT in the Diagnostic Workup of CIED Infections: Another Perspective. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1435-1436.	2.8	3
77	The Role of Nuclear Cardiac Imaging in Infective Endocarditis. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.6	3
78	Radiation protection procedures in 131I treatments for thyroid cancer in patients requiring hemodialysis. <i>Nuclear Medicine Communications</i> , 2014, 35, 626-630.	1.1	2
79	Evaluation of diffusion-weighted MRI and (18F) fluorothymidine-PET biomarkers for early response assessment in patients with operable non-small cell lung cancer treated with neoadjuvant chemotherapy. <i>BJR Open</i> , 2019, 1, 20190029.	0.6	2
80	Alternative Nuclear Imaging Tools for Infection Imaging. <i>Current Cardiology Reports</i> , 2022, 24, 879-891.	2.9	2
81	Nuclear Medicine Imaging of Lung Infection. , 2013, , 271-288.		1
82	Comments on the Italian Society of Endocrinology recommendations on post-surgical thyroid ablation in differentiated thyroid cancer. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 485-486.	3.3	1
83	Other Imaging Modalities in Infective Endocarditis Diagnosis. , 2016, , 51-79.		1
84	18F-FDG PET/CT versus bone scintigraphy in the follow-up of gastric cancer. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016, 35, 121-123.	0.0	1
85	Miniaturized Radiochemical Purity Testing for 99mTc-HMPAO, 99mTc-HMDP, and 99mTc-Tetrofosmin. <i>Journal of Nuclear Medicine Technology</i> , 2017, 45, 236-240.	0.8	1
86	Radiolabeled Somatostatin Analogues in the Treatment of Non-GEP-NET Tumors. , 2018, , 483-503.		1
87	Asymptomatic &em>versus&em> symptomatic patients: [18F]FDG-PET/CT patterns and evolutionary track of COVID-19 associated vasculitis. <i>Beyond Rheumatology</i> , 2021, 3, .	0.3	1
88	PET/CT and PET/MRI in Neurology: Infection/Inflammation. , 2016, , 139-176.		1
89	Diagnostic Applications of Nuclear Medicine: Multiple Myeloma. , 2017, , 395-433.		1
90	Circulating Tumor DNA Integrated with Interim [18F]FDG PET Is Highly Effective in Predicting Outcome of Relapsed/Refractory Classical Hodgkin Lymphoma Treated with the Begev Regimen. <i>Blood</i> , 2021, 138, 3504-3504.	1.4	1

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91	Combined imaging approach to diagnose a meningioma in a patient with prostate and lung cancers. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2015, 34, 66-67.	0.2	0
92	Reply to: "Lack of evidence and criteria to evaluate artificial intelligence and radiomics tools to be implemented in clinical settings". <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2814-2815.	6.4	0
93	Infective Endocarditis and Cardiovascular Implantable Electronic Device Infection. , 2021, , 183-213.		0
94	What to Trust, PSA or [68Ga]Ga-PSMA-11: Learn from Experience. <i>Research and Reports in Urology</i> , 2021, Volume 13, 597-601.	1.0	0
95	Altre tecniche diagnostiche. , 2010, , 827-845.		0
96	Tecniche diagnostiche per lo studio delle infezioni/flogosi. , 2010, , 501-535.		0
97	Methodological Aspects of Lymphoscintigraphy: Bicompartimental Versus Monocompartimental Radiocolloid Administration. , 2013, , 27-38.		0
98	Lymphoscintigraphy for the Differential Diagnosis of Peripheral Edema and Intracavitary Lymph Effusion. , 2013, , 39-86.		0
99	Radionuclide Therapy of Leukemias and Multiple Myeloma. , 2016, , 1-39.		0
100	Diagnostic Applications of Nuclear Medicine: Leukemias. , 2016, , 1-31.		0
101	Clinical Applications of Nuclear Medicine: Multiple Myeloma. , 2016, , 1-39.		0
102	Radionuclide Therapy of Leukemias and Multiple Myeloma. , 2017, , 1157-1195.		0
103	Diagnostic Applications of Nuclear Medicine: Multiple Myeloma. , 2017, , 1-39.		0
104	Diagnostic Applications of Nuclear Medicine: Leukemias. , 2017, , 435-465.		0
105	Allogeneic Stem Cell Transplantation (Allo-SCT) after Treatment with Programmed Cell Death-1 (PD-1) Checkpoint Inhibitors for Relapsed/Refractory Classic Hodgkin Lymphoma (R/R cHL) Is Associated with an Unprecedented Low Relapse Rate. <i>Blood</i> , 2018, 132, 2185-2185.	1.4	0
106	Hybrid Imaging and Radionuclide Therapy in Hemato-oncology. , 2019, , 655-705.		0
107	Gamma camera imaging of infectious endocarditis. , 2022, , .		0
108	Things are because we see them (O. Wilde): new radiopharmaceuticals for nuclear medicine imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, , 1.	6.4	0

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109	PET imaging in cardiovascular infections. , 2022, , 627-655.		0